TECHNICIE

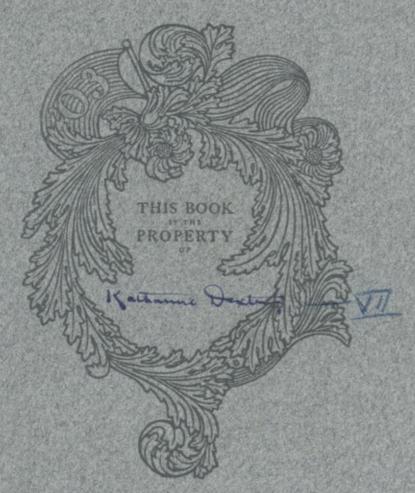




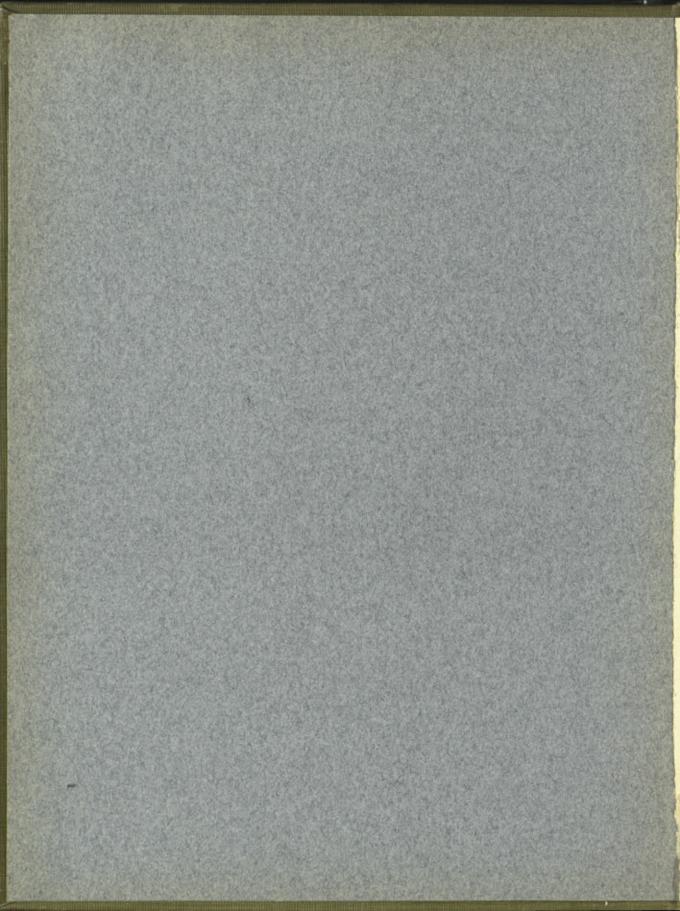
LIBRARY OF THE

MARGARET CHENEY ROOM

Withdrawn the heliam



Forsan have alin meninesse jurabet.

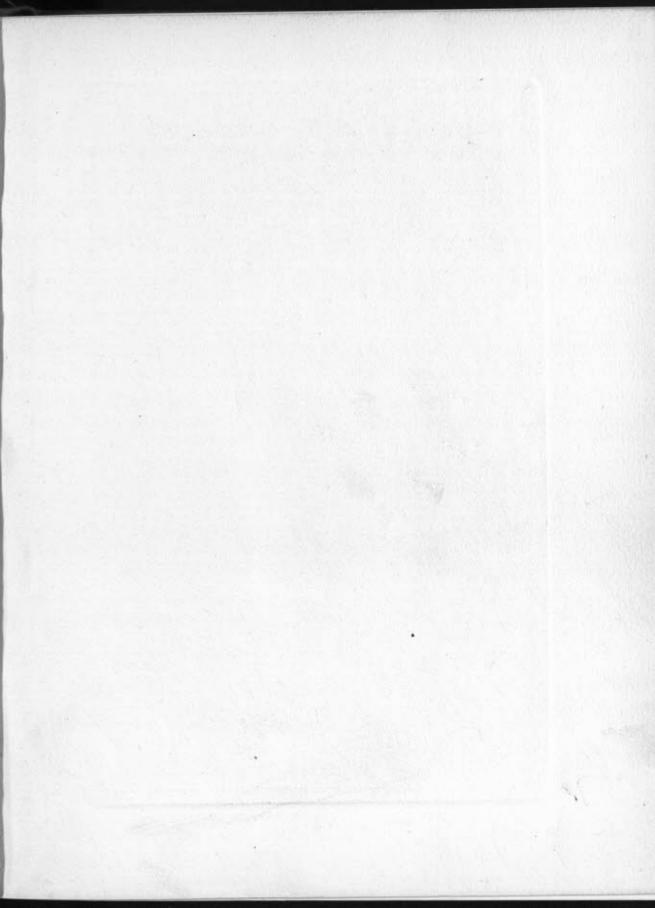


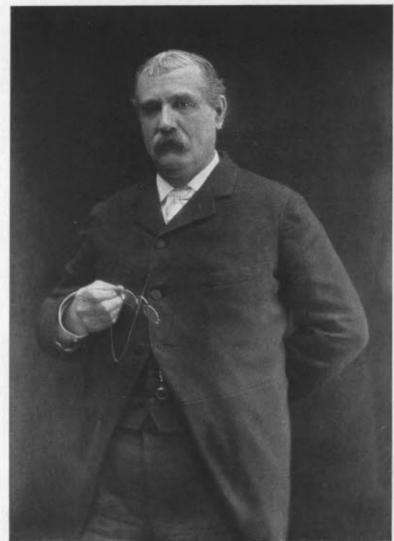
TECHNIQUE

Volume XVII



THE CLASS OF NINETEEN HUNDRED &
THREE DEDICATES THIS BOOK TO THE
RESPECT FOR A NOBLE MAN AND TO THE
LOYALTY TO TECHNOLOGY EXPRESSED
IN THE WALKER MEMORIAL MOVEMENT





Copyright, 1897, by Benjamin Kimhale

AWElson & Ca. Beston

haury Abacher

374.744)



INFORMATION CONCERNING THE MASSACHUSETTS INSTI TUTE OF TECHNOLOGY

BOARD OF PUBLICATION

HOWARD SCOTT MORSE Editor-in-Chief GEORGE WRIGHT SWETT and GEORGE DAVIS WILSON Associate Editors GEORGE BABCOCK WOOD Society Editor HENRY THORNTON WINCHESTER Athletic Editor LAWRENCE HARGREAVE LEE and HEWITT CROSBY Statisticians ROBERT FULLER JACKSON Art Editor-in-Chief LEWIS ROGERS KAUFMAN and ANDREW HOPEWELL HEPBURN Assistant Art Editors JOHN TYRRELL CHENEY Business Manager WILLIAM WINSLOW BURNHAM and PAUL REVERE PARKER Assistant Business Managers

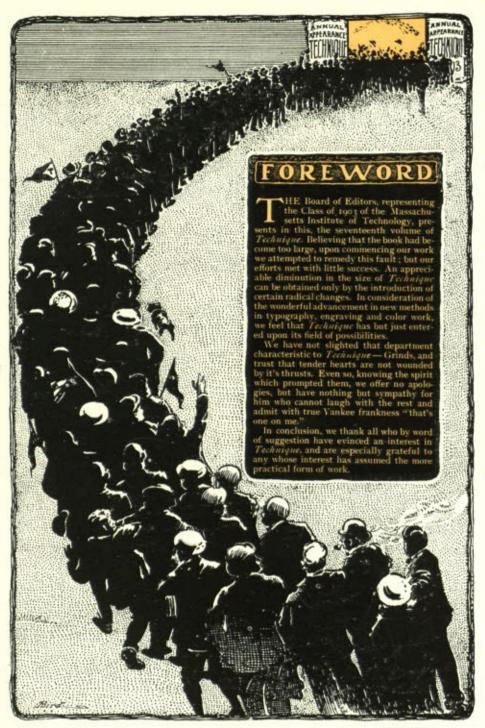
FOR THE MDCCCCIII JUNIOR CLASS

PUBLISHED JUNIOR WEEK by the JUNIOR CLASS, at BOSTON

TECHNOLOGY
JUL 29 1909
LIBRARY



													PAGE
DEDICATION								,					2
FOREWORD .			-								5	-	7
CALENDAR .								4	30.7				8
MEMBERS OF T	HE Co	DRPOI	RATIO	N								2	1.1
ADMINISTRATIV					4						100	9	12
OFFICERS OF I	NSTRU	CTIO:	Y				1						13
WALKER MEMO	RIAL	Mov	EMEN	T							1		45
THE CLASSES	*												51
GENERAL WAL											2		90
GENERAL WAL	KER-	- FAG	TS I	N LIF	E					*		100	. 91
FRATERNITIES									30			Facing	g 92
LOCAL SOCIETI	ES		*		40				4.5				115
WALKER MEMO	RIAL						2	,		3	4.		121
ATHLETICS .									10			-	125
PROFESSIONAL	SOCIE	TIES	+:		* .								165
STUDENT LIFE		-					20						177
CLUBS .			*						10			3.	181
PUBLICATIONS			4		7				2				191
MUSICAL CLUB	5				100				82	2			201
MISCELLANEOUS					2		1						200
ALUMNI ASSOCI				-	2		4				7	14	221
GRADUATE SEC		RIES					22		2		V		224
CLASS DINNERS		+	2					5			-	Facing	226
TECH SHOW						et.			*				230
JUNIOR WEEK					1					1		Facing	
GRADUATION V			10	9	1	0	10		*		4		232
SHORT ARTICLI			2		2	-				1	100		237
Grinds .	DE	1						(0)	*		+5	Facing	246
STATISTICS .	1.0		20							4			293
LIST OF STUDE		4.7					1	11		0.6		- 1	309
IN MEMORIAM	1.8		12	100		131	35	2		3.5	53		344
INDEX .					9	4		i i			4.7		348
ACKNOWLEDGM			1	10	31			9		2		1.0	345
BUYER'S GUIDE		27				1	1				-	1	355





1901

APRIL

- Orivil Engineering Society Dinner.
 First Meeting of 1903 TECHNIQUE Electoral Committee.
 Walker Club Meeting. 1904 Class Meeting.
 Baseball Game. St. Marks 1918. M. I. T., 1904.
 Tennis Association Election of Officers. E. H. Cutter, President.
 Walker Club Play, "A Night Off."
 Mandaman Club Dinner, Hotel Lenox. Mr. Morton elected Sophomore Football Manager.
 Mandaman Club Dinner, Hotel Lenox. Mr. Morton elected Sophomore Football Manager.
 Forth Year Electrical Engineers visit to Schenectady. Spring Concert and Dance of Musical Clubs.
 1902 TECHNIQUE issued. Meeting of Society of Arts. Junior Promewade, Algonquin Club.
 Tech Y. E. Office of The Tech.
 Tech Y. M. C. A. Student Meeting. Dinner for the Formation of "Lawrence Technology Society."
 Dress Rehearsal of Tech Show.

- Louis S, Cates elected President of Mining Engineering Society.
 Baseball Thayer Academy vz. M. I. T. 1994.
 Annual Glee Club Elections Claude E. Patch, '02, Leader; G. D. Wilson, '03, Manager.
 Meeting of Mandaman Club.
 Tech Show, "The Grand Duke," Hollis Street Theatre.
 Spring Championship Athletic Games, Riverside.
 Dress Rehearsal, I. 'Avenir Play.
 Civil Engineering Society Elections Farley Gannett, President.
 I. 'Avenir Play, "Les Romanesques," Naval Architectural Society Dinner, United States Hotel.
 Banjo Club Elections D. M. Belicher, '02, Leader; S. W. Benson, '04, Manager.
 Freshman Public Drill.
 Courses V and X visit Mattapan Paper Mills.
 Architectural Society Dinner, Hotel Thorndike; Dr. Pritchett Guest of the Evening,
 Meeting of Basket-ball Association. Plans of Walker Gymnasium sent to Alumni.
 Electrical Engineering Society Election of Officers W. A. Durgin, President.
 Meeting of Basket-ball Association.
 Technology Club Smoke Talk. New England Intercollegiate Championship Games.
 First Meeting of 1903 Technique Board.
 Dr. Pritchett's Dinner to Students. Annual Walker Club Dinner, Technology Club,
 Annual Alumni Reception to Seniors.

- Annual Alumni Reception to Seniors.

JUNE

- Musical Clubs' Concert to Graduating Class. Water Carnival of Musical Clubs, Riverside. Class Day Exercises, Degrees Conferred.

OCTOBER

- Opening of Fall Term. President Pritchett's Address of Welcome to the Entering Class.
 Government sends Naval Cadets Ferguson, McIntee and Spillman to Technology for Advanced Work.
 J. M. Grice, '03, elected Manager of the Football Team; A. W. Wells, '04, Assistant Manager.
 V. M. C. A. Reception to Class of 1905.
 Meeting of the Class of 1903. New Recitation Rooms opened at 71 Newbury Street.
 William Hovgaard appointed Professor of Naval Design. Football Game, 72. Holy Cross.
 Annual Reconnoissance Survey of Junior Railroad Engineers.

OCTOBER - Continued

- 12

- Meeting of Society of Arts. Freshman Class Meeting Norman Lombard elected Chairman. Mass Meeting. Cane Rush and Varsity Football abolished. Meeting of Y. M. C. A. C. Patch, '02, elected Secretary-Treasurer of Football Association. Hare and Hounds Run from Newton Highlands.

 Mr. C. H. L. N. Bernard leaves the Institute to instruct at Harvard.

 H. K. Hooker, '02, appointed Representative to Advisory Council on Athletics.
 Senior Class Election of Officers President, Harold Young Currey. Meeting of Andover Club. Annual Business Meeting of Hare and Hounds Club. Cross Country Racing introduced. Junior Class Election of Officers President, Lawrence Hargreave Lee. Institute Committee Meeting. Annual Handicap Meet: Won by Class of 1905.

 L. H. Underwood elected Representative to Association of Graduate Secretaries. St. John's Society Service and Reception, Trinity Church.

 Degree of LL.D. Conferred upon President Pritchett at Yale.
 Football Game, Newton High School vs. M. I. T. 1905.

 Musical Clubs' Election of Officers President, Henry W. Hudson, '02.

 Meeting of Society of Arts.

- Musical Clubs: Election of Officers—President, Henry W. Hudson, 92.

 Meeting of Society of Arts.

 Sophomore Class Meeting G. E. White elected Captain of Class Football Team.

 Hare and Hounds Run, Hyde Park. Football Game, 1905 vs. Brookline High.

 Meeting of Civil Engineering Society.

 Football Game, Tufts 1904 vs. M. I. T. 1904. 24

NOVEMBER

- Hare and Hounds Run from Winchester. Football Game, Dorchester A. A. vs. M. I. T. 1904.

- Hare and Hounds Run from Winchester. Football Game, Dorchester A. A. vs. M. I. T. 1904.

 Football Game, Brighton High School vs. M. I. T. 1905.

 Meeting of the Junior Class. Regular Gymnasium Classes begin work.

 Senior Class Meeting. H. F. Peaslee, '03, appointed Captain of Cross Country Team.

 Sophomore Class Elections announced President, Leonard Preston Burnham.

 J. R. Morse, '02, announced Manager and Treasurer of the Musical Clubs.

 P. R. Parker elected Second Assistant Business Manager of TECHNIQUE.

 Meeting of the Institute Committee. Official Undergraduate Flag adopted.

 Hare and Hounds Run from Wellesley. Football Game, Harvard Freshmen vs. Technology Sophomores.

 Football Game, South Boston High vs. M. I. T. 1905.

 Naval Architectural Society Rannuet.
- Naval Architectural Society Banquet. Meeting of Society of Arts. C. H. Graesser, '05, elected to *The Tech* Board. Channey Hall Club Meeting. 13
- Linstitute Committee Elections President, Harold Young Currey.

 L. H. Underwood appointed Custodian of Trophy Room. Meeting of Mining Engineering Society.

 Fourth Year Naval Architects' Southern Tour. Cross Country Race, Tech 24. Medford High. 15
- 16
- Fourth Year Naval Architects' Southern Tour. Cross Country Race, Lech 27. Mention of Freshman Debating Society.

 Junior Class Meeting. Meeting of Civil Engineering Society.

 Technology Field Day, Charles River Park; Won by 1905. Musical Club Concert at Waltham.

 Chauncy Hall Club Election of Officers President, L. R. Adams, '02.

 Junior Class Photograph taken.

 Hare and Hounds Run from Highland, West Roxbury.

 Marthus of the Seciety of Agr.

- Meeting of the Society of Arts.

 Some of our Expert Soldier Boys are given Guns to play with. Smoke Talk of Civil Engineering Society.

 Annual Fall Recess, One Day Vacation.

- Meeting of L'Avenir. Hare and Hounds Run from Milton. Meeting of Freshman Debating Society.

- DECEMBER

- 1904 Class Meeting. Mass Meeting. Address by Dr. Lyman Abbott. Preston M. Smith elected Business Manager of The Tech. Hare and Hounds Run from Chestnut Hill.

- Civil Engineering Society Meeting.
 Meeting of M. I. T. Y. M. C. A.
 Formation and Elections of Mechanical Engineering Society President, F. A. Robbins.
- Formation and Elections of Mechanical Engineering Society President, F. A. Robbins.
 Mr. Cornelius Vanderbilt addresses Society of Arts.
 1993 Class Smoker. Meeting of Electrical Engineering Society. Meeting of Mining Engineering Society.
 Freshman Debating Society Elections President, J. P. Barnes.
 Richard C. Tolman elected Editor-in-chief of The Tech.
 Cross Country Run, Harvard vs. Tech.
 Students' Athletic Dinner given by Technology Clob.
 Mass Meeting Address by Dr. Edward Everett Hale. Technology Club Reception to Musical Clubs.
 Home Concert of Musical Clubs.
 Freshman Class Elections President, Norman Lombard. Winter Indoor Athletic Meet; Won by 1994.
 Freshman Rattalion Hon at Paul Revers Hall.

- 23-28
- Freshman Battalion Hop at Paul Revere Hall.
 28 Christmas Holidays.
 Electrical Engineering Society Smoke Talk,
 Seniors witness Old Year Out and New Year In. E. S. Baker elected Track Team Captain.

1902

JANUARY

- Freshman Debating Society changed to Forum.

 Musical Clubs' Concert at Cambridge.

 Meeting of Society of Arts.

 M. I. T. Y. M. C. A. Meeting.

 Hockey Association Elections T. T. H. Smith, 'o2, Captain; H. A. Stiles, 'o3, Manager.

 rooj Class Meeting. Mechanical Engineering Society Meeting.

 Hockey Game, 22. Andover Town Team.

 Institute Committee Meeting. Annual Tech Board Meeting.

 Mass Meeting Address by President Eliot of Harvard.

 Meeting of Electrical Engineering Society.

 Meeting of 1905 Forum.

 Semi-Annual Examinations Begin.

FEBRUARY

- 2-10 Winter Holidays.

- 2-10 Winter Holidays.

 8 Tech captures Seven Medals at Annual B, A, A. Handicap Games, President Pritchett Addresses Congregational Ministers on the Student Problem. Meeting of Tech Y, M, C, A, M, I, T, loses H, F, Peaslee, '93.

 12 Hockey Game, '95. Dorchester A, A, 1.

 13 Mass Meeting Address by President Hadley of Yale, Prof. William Z, Ripley, Ph.D., accepts Harvard Professorship of Economics. L, H, Underwood, General Manager of Tech Show.

 14 Mass Meeting Track Athletics.
 15 105 Class Meeting. Hockey Game, '97. Brown University.

 16 Institute Committee Meeting.
 17 Institute Committee Meeting.
 18 Senior Class Meeting Portfolio Committee chosen. Meeting of Tech Y, M, C, A.
 1903 Class Meeting. Frank G, Cox, '93. elected Representative to the Cooperative Society.
 1904 Degree of LL.D, Conferred upon President Pritchett by Johns Hopkins University.
 18 Basket-ball, '92. Phillips Andover.
 27 Meeting of Civil Engineering Society. Meeting of Mechanical Engineering Society.
 28 Class Club Elections President, C, B, Cox, '93.

MARCH

- MARCH

 Sophomore Supper. Basket-ball, vs. Brown University,
 Basket-ball Elections F. G. Cox, Captain; E. F. Doyle, Manager.

 Civil Engineering Society Meeting. V. M. C. A. Elections President, W. C. Pickersgill.

 Chauncy Hall Club Dinner, Hotel Savoy.

 Students Welcome Prince Henry. Snowball Fight.
 M. I. T. A. A. Elections announced Treasurer, H. T. Winchester, '03; Manager, C. L. Homer, '04. 1993 Class Smoker.

 1093 Class Smoker.

 1093 Class Meeting. Junior Promenade Committee elected. Society of Arts Meeting.

 Naval Architectural Society Election of Officers President, Hewitt Crosby.

 Senior Class Dinner, Young's Hotel R. N. Brown, Toastmaster. Meeting of Mining Engineering Society.

 Hare and Hounds Run from Arlington.

 Civil Engineering Society Meeting.

 St. John's Society Annual Meeting. Chicago Club Dinner.

 Basket-ball, M. I. T. vs. Fall River V. M. C. A. Hare and Hounds Run.

 Merhanical Engineering Society Election of Officers President, J. F. Ancona.

 Basket-ball, M. I. T. vs. Harvard Freshmen. Y. M. C. A. Meeting.

 Election of Senior Class Day Officers First Marshall, Louis S. Cates. Society of Arts Meeting.

- AFRIL

 Civil Engineering Society Meeting. Y. M. C. A. Meeting.

 Junior Class Dinner Toastmaster, George B. Wood. Tennis Association Meeting.

 M. L. T. Cross Country Association Annual Meeting.

 Civil Engineering Society Dinner.

 Sophomore Class Dinner Toastmaster, Charles L. Homer.

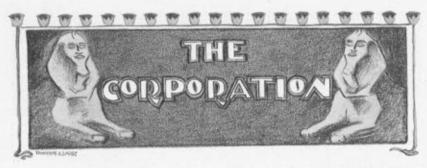
 Opening of Junior Week.

 Dress Rehearsal of Tech Show.

 Musical Clubs' Concert and Dance.

 Technique, Volume XVII, issued at High Noon.
 Reception given by The Tech Board of Editors at The Tech Office. Junior Promenade at Hotel Somerset.

 Tech Show, "Applied Mechanics," Hollis Street Theatre.



HENRYS, PRITCHETT FRANCIS H. WILLIAMS President Secretary

GEORGE WIGGLESWORTH Treasurer

JOHN D. RUNKLE WILLIAM ENDICOTT HOWARD A. CARSON CHARLES J. PAINE CHARLES FAIRCHILD DAVID R. WHITNEY ALEXANDER S. WHEELER GEORGE A. GARDNER JAMES P. TOLMAN HOWARD STOCKTON ELIOT C. CLARKE NATHANIEL THAYER CHARLES F. CHOATE HIRAM F. MILLS PERCIVAL LOWELL ARTHUR T. LYMAN CHARLES MERRIAM THORTON K. LOTHROP CHARLES C. JACKSON SAMUEL M. FELTON DESMOND FITZGERALD

SAMUEL CABOT FRANCIS BLAKE CHARLES W. HUBBARD THOMAS L. LIVERMORE A. LAWRENCE ROTCH JOHN R. FREEMAN WILLIAM H. LINCOLN J. B. SEWALL CHARLES L. LOVERING A. LAWRENCE LOWELL JAMES P. MUNROE WILLIAM L. PUTNAM CHARLES G. WELD EBEN S. DRAPER ROBERT S. PEABODY ELIHU THOMSON ELLIOT C. LEE JAMES P. STEARNS LUCIUS TUTTLE

ON THE PART OF THE COMMONWEALTH

HON. W. MURRAY CRANE Governor

HON. OLIVER W. HOLMES, Chief Justice of the Supreme Court HON. FRANK A. HILL, Secretary of the Board of Education



HENRY S. PRITCHETT President

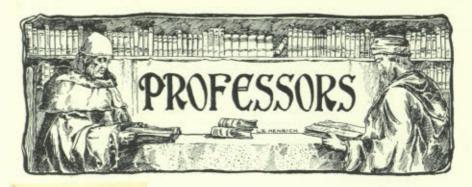
GEORGE WIGGLESWORTH Treasurer

Secretary

HARRY W. TYLER ROBERT P. BIGELOW Librarian

> ALBERT M. KNIGHT Bursar





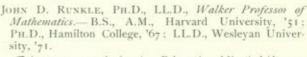


Aung V. fithott

HENRY SMITH PRITCHETT, Ph.D. [Munich,] LL.D.; (Hamilton, University of Penn., Harvard University, Yale University), President .- A.B. and A.M. [Pritchett College.]

PRESIDENT of the Corporation, Massachusetts Institute of Tech-Made Assistant Professor in the Naval Observatory, Washington, 1878; Astronomer in Morrison Observatory, Glasgow, Mo., 1880; Assistant Professor of Mathematics and Astronomy in Washington University, St. Louis, Mo., 1881; Assistant Astronomy in Washington University, St. Louis, Mo., 1881; Assistant Astronomer on Transit of Venus Commission, 1882; Professor of Astronomy in Washington University, 1884; Elected President of the Academy of Science, St. Louis, 1892; Made a Ph.D. in Munich, 1895; Chosen Superintendent of the U.S. G. and C. Survey, 1897; President of the Massechusetts Institute of Technology, 1897; President of the

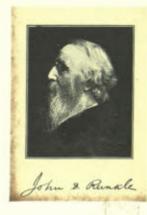
Massachusetts Institute of Technology, 1900. Report on Observations of the Total Eclipse of July 29, 1878; Determination of the Rotation Period of Jupiter from Observations of the Great Red Spot; Observations of the Satellites of Mars; Observations of Conjunctions of the Satellites of Saturn; A Determination vations of Conjunctions of the Satellites of Saturn; A Determination of the Mass of Mars; A Determination of the Diameter of Mars from Micrometric Observations, with a Discussion of Systematic Errors; Ephemeris of the Satellites of Mars; Observations of Comets; Determination of the Longitude of the Mexican National Observatory; The Transit of Mercury, 1891; Report of Washington University Eclipse Expedition; The Solar Corona of 1889 with Discussion of the Photographs (illustrated); Report on the Determination of Latitude and Longitude Mexican Observatory; A Econymic for Prediction the and Longitude Morrison Observatory; A Formula for Predicting the Population of the United States; Observations of Double Stars and Personal Equation in Double Star Measure; Eclipses of Saturn's Satellites and Their Use in Determining the Planet's Diameter (with tables); Personal Equation in Time Observations; List of Observa-tions of Double Stars, Comets and Small Planets in the Ast. Nachrichten, and a large number of publications in various Government Reports containing the results of Latitude, Longitude and Gravity determinations, Meridian Circle Observations, etc.; A Plan for an International Arc of the Meridian. Residence, 337 Marlboro' Street.



Assistant upon the American Ephemeris and Nautical Almanac, 1849-84; Editor Mathematical Monthly, 1858-61; Professor of Mathematics, Massachusetts Institute of Technology, from 1865; Acting President, 1868-70; President, 1870-78.

Author of New Tables for Determining the Values of the Co-efficients in the Perturbative Function of Planetary Motion, the Manual Element in Education (published in report of Massachusetts Board of Education, 1876-77), a second Paper on same subject in Report of 1880-81, Report on Industrial Education, American Institute of Education (1883), Analytic Geometry, etc.

Residence, 15 Everett Street, Cambridge.





GEORGE A. OSBORNE, S.B., Professor of Mathematics.— Harvard S.S., '6o.

Assistant Professor of Mathematics, U. S. Naval Academy, 1861-65; Professor of Mathematics, Massachusetts Institute of Technology, from 1866; Secretary of Faculty, 1868-71.

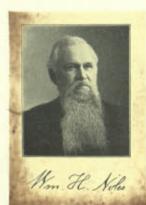
Author of Examples in Differential Equations (1886), Differential and Integral Calculus (1891), etc.

Residence, 249 Berkeley Street.



ROBERT H. RICHARDS, S.B., Professor of Mining Engineering and Metallurgy.— M. I. T., '68, III.

Assistant in Chemistry, Massachusetts Institute of Technology, 1868-69; Instructor in Assaying and Qualitative Analysis, 1869-70; Assistant Professor of Analytical Chemistry, 1870-71; Professor of Mineralogy and Assaying, in charge of the Mining and Metallurgical Laboratories, 1871-72; Professor of Mining Engineering, 1873-84; Secretary of the Faculty, 1878-83; Professor of Mining Engineering and Metallurgy, from 1884; President of the M. I. T. Alumni Association, 1873-70; President of the American Institute of Mining Engineers, 1886-87. Residence, 32 Eliot Street, Jamaica Plain.



WILLIAM H. NILES, Ph.B., A.M., Professor of Geology and Geography.— S.B., Harvard L. S., '66; Ph.B., Yale, S. S., '67; A.M., Wesleyan, '69.

Professor of Physical Geography, Massachusetts Institute of Technology, 1871; Professor of Geology and Geography, Massachusetts Institute of Technology, from 1878; Lecturer on Geology, Wellesley College, 1882; Professor of Geology, Wellesley College, 1888; President of the Boston Society of Natural History, 1892-97; President of the Appalachian Mountain Club, 1898.

Author of Agency of Glaciers in the Excavation of Valleys and Lake Basins, Zones of Physical Features of Mountains, Some Expansions, Movements, and Fractures of Rocks, observed at Monson, Mass. The Causes of the Recent Floods in Germany (1887), etc. Residence, Copley Square Hotel, Boston.

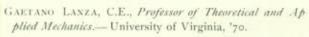


Chas. R. Cop

CHARLES R. CROSS, S.B., Thayer Professor of Physics and Director of the Rogers Laboratory .- M. I. T., '70, Sci. and Lit. Course.

INSTRUCTOR in Physics, Massachusetts Institute of Technology, 1870-71; Assistant Professor of Physics, 1871-75; Professor of Physics from 1875; in charge of Department of Physics from 1875; in charge of Course in Electrical Engineering since its establishment

Author of many original scientific papers on electricity, acoustics, and other branches of physics, published chiefly in the Proceedings of the American Academy of Arts and Sciences. Residence, Upland Road, Brookline.



Assistant Professor, 1872-75; Professor of Theoretical and Applied Mechanics from 1875; also in charge of Department of Mechanical Engineering from 1883.

Author of Applied Mechanics (1885), and of many papers in Trans-actions American Society Mechanical Engineers, Proceedings Society of Arts, Proceedings British Institution of Civil Engineers, Technology Quarterly, etc. Notes on Mechanical Engineering (1886), Notes on Friction (1887), etc.

Residence, 22 West Cedar Street.



Guetano Laura

GEORGE F. SWAIN, S.B., M. Am. Soc. C. E., Haywood Professor of Civil Engineering .- M. I. T., '77, I.



George & Swain

STUDENT in Germany, 1877-80; Expert on Tenth U. S. Census, 1880-83; Instructor in Civil Engineering, Massachusetts Institute of Technology, 1881-83; Assistant Professor of Civil Engineering, 1883-87; Associate Professor, 1887-883; Professor from 1888; Engineer of Massachusetts Railroad Commissioners from 1887; Member Boston Transit Commission since 1894: ex-President Boston Society of Civil Engineers; ex-President of the Society for the Promotion of Engineering Education; Director Am. Soc. Civil Engineers, 1901-04.

Author of Report on Water Power of Atlantic Slope, Notes on Hydraulics and on Theory of Structures, numerous reports on Railroad Pridges.

Bridges, Brake Equipment, and other subjects, in the reports of the Massachusetts Railroad Commission, and many papers on Engineer-ing subjects, published in the Transactions of American Society Civil Engineers, Proceedings New England Water Works Association, Technology Quarterly, Proceedings Society Arts, Journal Franklin Institute, Journal of the Association of Engineering Societies, etc.

Residence, 435 Marlboro' Street.



FW handen.



William J. Teogrick



Dani R. DEWY

FRANCIS W. CHANDLER, M. Am. Inst. Arch., Professor of Architecture.

WITH Messrs. Ware & Van Brunt, Architects, 1864-66; Student in Paris, 1866-68; Assistant with Professor Ware at the Massachusetts Institute of Technology, 1869; Assistant Supervising Architect at Washington, 1870-73; in partnership with Mr. E. C. Cabot, of Boston, 1873-88; Professor of Architecture, Massachusetts Institute of Technology, from 1888; Advisory Architect to the Mayor of the City of Boston, since 1896; Member of Art Commission, City of

Author of A Few Hints About Drainage (1888), Construction Details (1892), Notes on Limes, Cements, Mortars and Concretes (1892); editor of Municipal Architecture in Boston (1898), etc. Residence, 195 Marlboro' Street.

WILLIAM T. SEDGWICK, Ph.B., Ph.D., Professor of Biology.— Yale, S.S., '77; Berzelius Society.— Ph.B., Yale, '77; Ph.D., John Hopkins, '81.

ASSISTANT Professor of Biology, Massachusetts Institute of Technology, 1883-84; Associate Professor, 1884-91; Professor from 1891; Biologist, State Board of Health, 1888-96; Chairman, Pauper Institutions Trustees, City of Boston, 1897-99; President, Massachusetts Civil Service Reform Association, 1900 and 1901; President, Society of American Bacteriologists, 1900; President, American Society of American Bacteriologists, 1900; President, American Society ety of Naturalists, 1901; Curator, Lowell Institute, since 189;

Author of General Biology (1886), New Edition (1895), Biological Examination of Water (1888), Sanitary Condition of the Water Supply of Lowell, Mass. (1891), The Purification of Drinking Water by Sand Filtration (1892), Modern Scientific Views of the Cause and Prevention of Asiatic Cholera (1892), numerous Reports to the State Board of Health of Massachusetts on Epidemics of Typhoid Fever Caused by Infected Water, Milk, etc., several papers on Education, various articles in Wood's Reference Handbook of Medical Science, etc. Residence, Hotel Westminster.

DAVIS R. DEWEY, A.B., PH.D., Professor of Economics and Statistics .- University of Vermont, '79; A W; A B K. A.B., University of Vermont, '79: Ph.D., Johns Hopkins University, '86.

TEACHER, Underhill, Vt., 1879-81; Principal Hyde Park High School, Chicago, 1881-83; Student and Fellow at Johns Hopkins University, 1883-86; Instructor, Massachusetts Institute of Technology, 1887-88; Assistant Professor, 1888-89; Associate Professor, 1889-92; Professor from 1892; Secretary American Statistical Association from 1886; Editor of its publications from 1887; appointed, 1894-95, Chairman of Board to Investigate the Subject of the Unemployed in Massachusetts; Member of Publication Committee of American Economic Association since 1895; appointed member of Board to Investigate Charitable and Reformatory Interests and Institutions of Massachusetts, 1896; member, Department of Statistics, Boston, 1897—; appointed Special Expert Agent on Wages, U. S. Census, 1901. Author of a Syllabus on Political History since 1815 (1887), Syllabus of Lectures on Economic Questions of Commerce (1892), Suicides in New England, associated in Report on Unemployed, Graphic Statistics, Report on Charitable Institutions, etc.; Editor of "Discussions in Economics and Statistics" by Francis A. Walker, 2 vols., 1899; Contributor to "Dictionary of Political Economy;" "Education for Commerce," 1901.

Residence, 52 Eliot Street, Jamaica Plain. ogy, 1887-88; Assistant Professor, 1888-89; Associate Professor, 1889-

Residence, 52 Eliot Street, Jamaica Plain.



Webster Wells, S.B., Professor of Mathematics.— M. I. T., '73, I.

INSTRUCTOR in Mathematics, Massachusetts Institute of Technology, 1873-80, and 1882-83; Assistant Professor of Mathematics, 1883-85; Associate Professor, 1885-93; Professor from 1893.

Author of Academic Arithmetic, Academic Algebra, Higher Algebra, University Algebra, College Algebra, Plane and Solid Geometry, Plane and Sperical Trigonometry, Logarithmic Tables, etc. Residence, 18 Louisburg Square, Boston.



6. 1. habody

CECIL H. PEABODY, S.B., Professor of Naval Architecture and Marine Engineering .- M. 1. T., '77, 11.

WITH the Western Union Railroad, 1878; Professor of Mathematics and Engineering, Imperial Agricultural College, Japan, 1878-80; Assistant Professor of Mechanical Engineering, University of Illinois, 1881-83; Instructor, Massachusetts Institute of Technology, 1883-84; Assistant Professor of Steam Engineering, 1884-89; Associate Professor, 1889-93; Professor of Naval Architecture and Marine

ate Professor, 1889-03; Professor of Navai Architecture and Marine Engineering from 1893.

Author of Notes on Governors and Fly Wheels (1885), Notes on Valve Gears (1887), Thermodynamics of the Steam Engine and other Heat Engines (1889), Tables of the Properties of Saturated Steam (1888), Valve Gears for Steam Engines (1890, Steam Boilers (1897, with E. F. Miller), Papers to Scientific Societies, Manual of the Steam Engine (1890, Indicator, 1990), etc. Engine Indicator (1900), etc.

Residence, 10 Columbia Street, Brookline.



HARRY W. TYLER, S.B., Ph.D., Professor of Mathematics. Secretary .- M. I. T., 84, V .- S.B., M. I. T., '84; Ph.D., Erlangen, '89.

Assistant, Massachusetts Institute of Technology, 1884-86; Instructor, 1886-90; Assistant Professor, 1890-92; Associate Professor, 1892-3; Secretary of the Faculty, 1889-90, and from 1891; Professor of Mathematics, 1893.

Author of Entertainments in Chemistry, the Application of Determination

minant Theorems to a Particular Case, Ueber die Sylvestersche und die Bézoutsche Determinanten, Technological Education in the United States, The Educational Work of Francis A. Walker, etc. Residence, Gray Cliff Road, Newton Centre.



Arlo Bates, Litt. D., Professor of English.—Bowdoin, '76; A ΔΦ; Φ B K.

EDITOR of Broadside, 1878-9; Editor of Boston Courier, 1880-93; Correspondent of Providence Journal, Chicago Tribune, Book Buyer, etc., 1880-93; Professor of English, Massachusetts Institute of Technology, from 1803.

Author of Patty's Perversities, The Pagans, A Wheel of Fire, Berries of the Briar, Sonnets in Shadow, A Lad's Love, The Philistines, Prince Vance, Albrecht, Book o' Nine Tales, The Poet and His Self, Told in the Gate, In the Bundle of Time, The Torch Bearers, Talks on Writing English, Talks on the Study of Literature, The Puritans, Under the Beech Tree, Love in a Cloud, and Talks on Writing English, Second Series.

Residence, 4 Otis Place.



D. DESPRADELLE, Rotch Professor of Architectural Design. — Architect, D. P. L. G.

RECEIVED first promotion at the Ecole des Beaux-Arts, 1882; many of the prizes at the Ecole des Beaux-Arts and Institut de France; received diplomas from Ecole des Beaux-Arts and Société centrale des Architects francais; took part in the Concours de Rome four times, and classed first with title of First Second Grand Prix in 1889; Lauréat of the Institut de France; Lauréat of the Salon, first medal in 1900, hors concours, purchased by the government of France; Officier d'Academie; Officier de l'Instruction publique; Assistant Inspector of State Buildings and National Palaces, and under this title helped in the Building of the New Ministry of Agriculture and Commerce, National Library, Bank of France, the mansion of M. Wilson and M. Grévy (ex-President), and various other public and private edifices.

Residence, 382 Commonwealth Avenue.



Peter Schwamb, S.B., Professor of Mechanism and Director of the Workshops.— M. I. T., '78, 11.

Graduate Student, Massachusetts Institute of Technology, 1878-79; Draughtsman, Howe Scale Co., Rutland, Vt., 1879-80; Draughtsman, Hinkley Locomotive Co., Boston, 1880-83; Instructor, Massachusetts Institute of Technology, 1883-84; Assistant Professor, 1884-88; Associate Professor, 1888-96; Professor of Mechanism, 1897. Author of Notes on the Elements of Mechanism (1885), Notes on

(jearing (1888), etc.

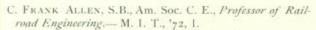
Residence, 27 Water Street, Arlington.



Strank Allen_



afred E. Burton



Assistant Engineer, Providence Waterworks, 1872-73; Assistant Engineer, Providence Sewerage, 1873-75; Assistant Engineer, Newton Waterworks, 1875-76; Engineer Inspector, Boston Sewerage, 1877; Assistant Engineer, Atchison, Topeka & Santa Fé R. R., 1878-80; Assistant Engineer, Mexican Central R. R., 1880; Chief Engineer, Las Vegas Waterworks, and general engineering, 1880; Assistant Engineer, Atchison, Topeka & Santa Fé R. R., 1881-84; Secretary of the Society for the Promotion of Engineering Education, 1895-97; President of Massachusetts Highway Association, 1898-99; President Boston Society of Civil Engineers, 1890-1900; Vice-President of Society for Promotion of Engineering Education, 1898-99; Member of Executive Committee, New England Railroad Club, 1890-1902; Member of Committee on Roadway of American Railway Engineering and Maintenance of Way Association; Admitted to practice Law in the Courts of New Mexico, 1885; Admitted to practice Law in the Courts of New Mexico, 1885; Admitted to practice Law in the Courts of New Mexico, 1885; Admitted to Practice Institute of Technology, 1887-89; Associate Professor, 1889-96; Professor from 1806.

Author of Measurement of the Angular Deflection of Beams Fixed at One End, Railroad Curves and Earthwork, Tables for Earthwork Computation, Railroad Engineering and Economics of Location, Roads and Road Building, Railroad Building with Reference to Economy in Operating, articles in Engineering Record, Railroad Gazette, Technology Quarterly, etc.

Residence, Montview Street, West Roxbury.

ALFRED E. BURTON, S.B., M. Am. Soc. C.E., Professor of Topographical Engineering.— Bowdoin, '78: $\Delta K E$: $\Phi B K$.

Land Surveyor, 1878-79; Topographical Draughtsman and Topographer on U. S. Coast and Geodetic Survey, 1879-82; Commissioner on Massachusetts Topographical Survey, 1895-1900; in charge of Scientific Expedition to Umanak, Greenland, summer of 1896; in charge of Eclipse Expedition to Washington, Georgia, May, 1900; in charge of Eclipse Expedition to Sumatra, 1901; Instructor in Topographical Engineering, Massachusetts Institute of Technology, 1882-84; Assistant Professor, 1884-89; Associate Professor, 1886-96; Professor from 1896.

Author of several articles in Technology Quarterly, Review, etc. Residence, 58 Webster Street, West Newton.



Swight Porter

DWIGHT PORTER, PH.B., Am. Soc. C. E., Professor of Hydraulic Engineering.— Yale S. S., '80; Berzelius Society.

SPECIAL Agent, Tenth Census U. S., Report upon Water Power, 1880-83; Instructor in Mathematics, Massachusetts Institute of Technology, 1883-5; Instructor in Civil Engineering, 1885-87; Assistant Professor of Civil Engineering, 1887-90; Associate Professor of Hydraulic Engineering, 1890-96; Professor from 1896.

Author of Flood Discharge from Small Watersheds, Report upon a Sanitary Inspection of certain Tenement-House Districts of Boston, portions of Vols. XVI. and XVII., Tenth Census, U. S., Reports on Water Power, Water Power Streams of Maine, in Nineteenth Annual Report of the U. S. Geological Survey, Notes on Stereotomy and Warped Surfaces, etc.

Residence, 149 Hawthorne Street, Malden.



4.0 4 ofman



Muny O Zellet.



arthur a Noyes

Heinrich O. Hofman, E.M., Met.E., Ph.D., Professor of Metallurgy .- E.M., Met.E., Prussian School of Mines, Clausthal, '77; Ph.D., Ohio University, '89.

PRACTICING Metallurgist, 1877-85; Private Assistant to Prof R. H. Richards, and Lecturer on Metallurgy, Massachusetts Insti-tute of Technology, 1887-88; Professor of Metallurgy and Assaying, Dakota School of Mines, 1887-89; Assistant Professor of Mining and Metallurgy, Massachusetts Institute of Technology, 1889-91; Associate Professor of Mining and Metallurgy, 1891-98; Professor of Metallurgy from 1898.

Author of Gold Milling in the Black Hills (1888), The Dry Assay Author of Gold Milling in the Black Hills (1888), The Dry Assay of Tin Ores (1890), Recent Progress in the Treatment of Argentiferous Lead Ores (1892-1901); Metallurgical Lead Exhibits at the Columbian Exposition (1893), Some Experiments on the Fusibility of Fire Clays (1895); The Equipment of Mining and Metallurgical Laboratories (1896); The Production of Illuminating Gas and Coke in By-Product Ovens (1898); Modification of Birchof's Method for determining the Fusibility of Fire Clays (1898); Influence of size of Particles on Resistance of Fire Clays to Heat and Fluxes (1898); The Temperature sistance of Fire Clays to Heat and Fluxes (1898); The Temperature at which certain Ferrous and Calcic Silicates are Formed in Fusion and the Effect upon these Temperatures of the Presence of Certain Metallic Oxides; and the Metallurgy of Lead and the Desilverization of Base Bullion (1893-99), etc.

Residence, 88 Robinwood Avenue, Jamaica Plain.

HENRY P. TALBOT, S.B., Ph.D., Professor of Analytical Chemistry .- M. I. T., '85, V .- S.B., M. I. T., '85; Ph.D., University of Leipsic, '90.

Assistant in Analytical Chemistry, Massachusetts Institute of Technology 1885-87; Instructor, 1887-88 and 1890-92; Assistant Professor of Analytical Chemistry, 1892-95; Associate Professor of Analytical Chemistry, 1895-98; Professor of Analytical Chemistry from 1898.

Author of: Ueber das Verhalten der Tiglinsäure und Angelicasäure gegen Bromwasserstoff und Jodwasserstoff (1890); Notes on the action of Hybromic and Hydriodic Acids on Tiglic and Angelic Acids (1891); An Index to the Literature of Angelic and Tiglic Acids from 1842 to 1892; Notes on the Properties of Hydrogen Peroxide Solutions (with H. R. Moody); An Introductory Course of Quantitative Chemical Analysis (1897); and other Chemical Papers. Residence, 28 Balcarres Road, West Newton.

ARTHUR A. NOVES, S.M., PH.D., Professor of Theoretical and Organic Chemistry .- M. I. T., '86, V .- S.M., M. I. T., '87; Ph.D., Leipzig, '90.

Assistant in Analytical Chemistry, Massachusetts Institute of Technology, 1887-88; Instructor, 1890-93; Assistant Professor, 1893-97; Associate Professor of Organic Chemistry, 1897-99; Professor of Theoretical and Organic Chemistry from 1899.

Author of a Detailed Course of Qualitative Analysis; of Laboratory Experiments on the Class Reactions and Identification of Organic Substances, and of numerous articles in scientific recovery.

stances, and of numerous articles in scientific papers. Residence, 76 Westland Avenue, Boston.



A. RAMBEAU, Ph.D., Professor of Modern Languages.— B. A., Wittenberg, 1871; Student at Halle, Marburg, and Paris, 1871-74, and, during different periods, after 1876; Ph.D., 1877, Licentiate, 1879, Marburg.

INSTRUCTOR in English, University of Marburg, 1878-79; Professor of French and English in several colleges, 1879-92, at last, in Hamburg; Associate in Romance Languages, 1893-94, and Associate Professor of Romance Languages, 1894-99, Johns Hopkins University, Baltimore; Professor of Modern Languages, Massachusetts Institute of Technology, from 1890.

Institute of Technology, from 1899.

Author of some articles upon Egypt and the East; literary and philological studies upon the "Chanson de Roland," Chaucer and Dante, Adam de la Halle; a work upon Parisian pronunciation; educational studies and books for the use of students and teachers; and a great number of articles in American and European philological journals; assistant editor of a linguistic and pedagogic periodical.

Residence, So Harold Street, Roxbury.



Thomas E. Pope, A.M., Professor of General Chemistry.— Harvard University, '69.

INSTRUCTOR in Chemistry, Massachusetts Institute of Technology, 1874-76; Professor of Chemistry, Iowa Agricultural College, 1876-84; Assistant Professor of General Chemistry, Massachusetts Institute of Technology, 1894-95; Associate Professor, 1895-1990; Professor of General Chemistry from 1900.

Residence, Rockland Street, Brighton.



WILLIAM BAIRD, Captain U. S. A., Professor of Military Science and Tactics.— West Point, '75.

MEMBER Regular Army and Navy Union; Loyal Legion, Sons of Revolution; Society of Colonial Wars; Graduate, School of Military Signalling and Telegraphy, Fort Meyer, Va., '81.

Military Signalling and Telegraphy, Fort Meyer, Va., '81.
Service with Sixth U. S. Cavalry, participating in the Chiricahua,
Chimhuevi, Victorio, and Geronimo Campaigns. Explorations and
Surveys for Wagon Routes in Tonto Basin, in Moqui and Navajo
County, 1877; Colorado Cañon, 1880. Inspector of Supplies, Shoshone Reservation, Wyo., 1891. Garrison Duty at Ft. Leavenworth,
Kas. "Infantry and Cavalry School," 1894. Retired, 1897, ("Disability in line of Duty.")
Residence, 156 Newbury Street (Suite 3).



GEORGE T. DIPPOLD, Ph.D., Professor of Modern Languages .- Boston University, '83.

POSTGRADUATE student in Sanskrit and Germanic Philology and Postgraduate student in Sanskrif and Germanic Philology and Instructor in German, Harvard University, 1871-74; Instructor in French, Sanskrit, and Anglo-Saxon, Boston University, 1874-83; Lecturer, German Literature, Gothic, and Middle High German, Johns Hopkins University, 1883-85; Instructor in Modern Languages, Massachusetts Institute of Technology, 1886-91; Assistant Professor, 1891-95; Associate Professor from 1895-1901; Professor from 1901.

Author of the Great Epics of Mediæval Germany, Translator of Emanuel Geibel's Brunhild, Deutsche Litteraturdenkmale des 18 Jahrhunderts, Theories as to the Original Home of the Indo-European Race, Richard Wagner's Ring of the Nibelung Explained, and in part Translated, German Scientific Reader, etc.

Residence, 5 Verndale Street, Brookline.



CHARLES F. A. CURRIER, A.B., A.M., Professor of History. Harvard University, '87; Φ B K.— A.B., Harvard University, '87; A.M., Harvard University, '88; Fellow of Harvard University studying at Berlin and Paris, 1889-91.

INSTRUCTOR in History and Political Science, Massachusetts Institute of Technology, 1891-93; Assistant Professor of History, 1893-95; Assistant Professor, 1895-1901; Professor of History from 1901.

Author of Constitutional and Organic Laws of France, American Editor of Brockhaus's Konversations-Lexikon, Contributions to Magazines, etc.

Residence, Winchester.



WILLIAM Z. RIPLEY, S.B., Ph.D., Professor of Sociology and Economics .- M. I. T., '90, I .- S.B., M. I. T., '90; A. M., '92, Ph.D., '93, Columbia.

GRADUATE Student, Massachusetts Institute of Technology, 1890-Graduate Student, Massachusetts Institute of Technology, 1890-91; University Fellow, Columbia College, 1891-93; Instructor in Economics, Massachusetts Institute of Technology, 1895-95; Assistant Professor, 1895-1900; Associate Professor, 1900; Expert on Transportation U. S. Industrial Commission, 1900; Professor, 1901; Lecturer at Harvard University, 1901.

Residence, Newton Centre.



Lones Jaunce

LINUS FAUNCE, S.B., Associate Professor of Drawing. M. I. T., '77, II.

Draughtsman for Superintendent of Bridges, P. C. & St. L. R. R., 1878-79; Chief Clerk Car Shops, P. C. & St. L. R. R., 1879-82; in charge of Waterworks and Signals, N. Y. & N. E. R. R., 1882-84; Assistant Professor Massachusetts Institute of Technology, 1884-96; Associate Professor from 1896; Author of Descriptive Geometry, Mechanical Drawing, etc. Residence, Bellevue Street, West Roxbury.



Dana O Barthett

DANA P. BARTLETT, S.B., Associate Professor of Mathematics.— M. I. T., '86, VI.

Assistant in Mathematics, Massachusetts Institute of Technology, 1886-87; Instructor in Mathematics, 1888-91; Assistant Professor of Mathematics, 1891-98; Associate Professor from 1898; Assistant in Observatory of Harvard College, 1887.

Author of General Principles of the Method of Least Squares.

Residence, 486 Columbus Avenue.



J. Sondercker

JEROME SONDERICKER, S.B., C.E., Associate Professor of Applied Mechanics .- S.B., University of Illinois, '80; C. E., University of Illinois, '83.

INSTRUCTOR, University of Illinois, 1880-83; Assistant Professor Engineering and Mathematics, 1883-85; Instructor in Applied Mechanics, Massachusetts Institute of Technology, 1885-89; Assistant Professor of Applied Mechanics, from 1889-99; Associate Professor.

Author of Notes on Graphic Statics, and Papers published in Tech-nology Quarterly and other Engineering periodicals. Residence, 170 Oakleigh Road, Newton.



allyon L. Munill

ALLYNE L. MERRILL, S.B., M. Am. Soc. M. E., Associate Professor of Mechanism. - M. I. T., '85, II.

Assistant, Massachusetts Institute of Technology, 1885-87; Instructor, 1887-91; Assistant Professor of Mechanism, 1891-99; Associate Professor from 1889. Residence, Payson Park, Belmont.



Edward F. Willer

EDWARD F. MILLER, S.B., M. Am. Soc. M. E., Associate Professor of Steam Engineering .- M. I. T., '86, 11.

Assistant, Massachusetts Institute of Technology, 1886-88; Instructor, 1888-92; Assistant Professor of Steam Engineering, 1892-99; Associate Professor from 1899.

Author of a number of Articles printed in the Transactions American Society of Mechanical Engineers, the Technology Quarterly, Machinery, and other Engineering papers, "Steam Boilers" (with C. H. Pagloddy, etc. Peabody), etc.

Residence, 538 Ward Street, Newton Centre.



Frank Nogel

Frank Vogel, A.B., A.M., Associate Professor of Modern Languages .- Harvard University, '87: AT.

Professor of Modern Languages, Mitchell's Boys' School, Billerica, Massachusetts, 1887-88; Instructor in Modern Languages, Massachusetts Institute of Technology, 1888-92; Assistant Professor of Modern Languages, 1892-1900; Associate Professor from 1900; Graduate Student in Germanic Philology at Harvard University, 1888-92; Director of Modern Languages in the Normal Summer School of Languages and Science, Normal, Illinois, 1890-92; Student in Germanic and Romance Philology, Heidelburg University, 1893-94; Member of Boston School Committee, 1901-04; Editor and Annotator of Chamisso's Peter Schlemihl's Wundersame Geschichte, Houff's of Chamisso's Peter Schlemihl's Wundersame Geschichte, Houff's Lichtenstein, Storm's Geschichten aus der Tonne, A Scientific German Reader, and other publications.

Residence, 95 Robinwood Avenue, Jamaica Plain.



S. HOMER WOODBRIDGE, A.M., Associate Professor of Heating and Ventilation.—Williams College, '73.

STUDENT at the Massachusetts Institute of Technology, 1874; Instructor in Physics, 1883-95; Assistant Professor, 1895-1900; Associate Professor from 1900.

Residence, Otis Street, West Newton.



WILLIAM L. PUFFER, S.B., Associate Professor of Electrical Engineering.— M. I. T., '84, 111.

ASSISTANT, Massachusetts Institute of Technology, 1884-86; Instructor, 1886-93; Assistant Professor, 1893-1901; Associate Professor from 1901; Member of the American Institute of Electrical Engineers, 1893; Consulting Electrical Engineer of the Inspection Department of the Factory Mutual Insurance Companies, 1894.

Residence, West Newton.



WILLIAM H. LAWRENCE, S.B., Associate Professor of Architecture. M. I. T., '91, IV.

INSTRUCTOR in Architecture, 1891-96; Assistant Professor, 1896-1901; Associate Professor from 1901. Author of Elements of Shades and Shadows, Principles of Perspective.

Residence, 34 Summer Street, Dorchester.



W. Q. Groby

WILLIAM O. CROSBY, S.B., Assistant Professor of Structural and Economic Geology .- M. I. T., '76, VII.

Student Assistant in Paleontology, 1875-76; Assistant in Paleontology, 1876-78; Assistant in Geology, 1878-80; Instructor in Geology, 1880-83; Assistant Professor of Mineralogy and Lithology, 1883-92; Assistant Professor of Structural and Economic Geology from 1892.

Author of Geology of Eastern Massachusetts, Geology of the Bos-ton Basin, Common Minerals and Rocks, Guides to Mineralogy and to Dynamical Geology and Petrography, Tables for the Determination of Common Minerals and numerous papers on the Geology of New England, the Black Hills, Cuba, Trinidad, etc.; and on Joint Structure, Faults, Origin of Continents, Colors of Soils, Concretions, Drift, Ore Deposits, etc., published in Proceedings of the Boston Society of Natural History, American Journal of Science, Geological Magazine, Technology Quarterly, etc.

Residence, 9 Park Lane, Jamaica Plain.



Frederick H Baury

FREDERICK H. BAILEY, A.B., A.M., Assistant Professor of Mathematics.— Harvard University, '87; Φ B K.— A.B., Harvard University, '87; A.M., Harvard University, '89.

Assistant in Mathematics, Harvard University, 1889-91; Instructor in Mathematics, Massachusetts Institute of Technology, 1891-93; Assistant Professor from 1893. Author of Plane and Solid Analytic Geometry (with Professor

Woods, 1897).

Residence, 73 Wendell Street, Cambridge.



FRED L. BARDWELL, S.B., Assistant Professor of General Chemistry. University of Minnesota, '81: M. 1. T., '84, V.

Assistant in General Chemistry, 1884-86; Instructor in General Chemistry, 1886-94; Assistant Professor from 1894. Residence, 11 Chamblet Street, Roxbury.



Augustus H. Gelle

AUGUSTUS H. GILL, S.B., PH.D., Assistant Professor of Gas and Oil Analysis. M. I. T., '84, V. S.B., M. I. T., '84; Ph.D., Leipzig, '90.

Assistant in General and Sanitary Chemistry, Massachusetts Institute of Technology, 1884-86; Instructor, 1887-88; Water Analyst State Board of Health, 1888; Instructor in Gas Analysis. Massachusetts Institute of Technology, 1890-94; Assistant Professor from 1894.

Author of various papers relating to Water, Gas, and Oil Analysis in the Journal of the American Chemical Society, English Analyst, Fresenius' Zeitschrift, and *Technology Quarterly*, "Gas and Fuel Analysis for Engineers" and "A Short Handbook of Oil Analysis." Residence, Canton.



A. E. Beyford

HARRY E. CLIFFORD, S.B., Assistant Professor of Theoretical Physics. - M. I. T., '86, VI.; ⊕ Z.

Assistant in Physics, 1886-88; Instructor in Theoretical Physics, Assistant Professor in Theoretical Physics from 1895; Assistant in Harvard College Observatory, 1887. Author of Notes on Heat, Derived Electrical Units, Elements of the

Theory of Potential, and various papers published in the Technology Quarterly, Proceedings of the American Academy of Arts and Sciences,

Residence, Newton Centre.



Richard It lodge.

RICHARD W. LODGE, Assistant Professor of Mining ana Metallurgy .- M. 1. T., '79, 111.

Assistant in Mining and Metallurgical Laboratory of the Massa-chusetts Institute of Technology, 1879-80; Mining in Colorado, 1880-81; Superintendent of Silver Mine in Nevada, 1881-82; Assistant in Mining and Metallurgical Laboratory of the Massachusetts Insti-tute of Technology, 1882-83; Head Chemist for North Chicago Roll-ing Mill Company, South Chicago, Ill., 1883-85; Chemist for Slosa Iron and Steel Company, Alabama, 1887; Instructor in Mining and Metallurgical Laboratory of the Massachusetts Institute of Technol-ogy, 1889-94; Assistant Professor from 1895. Residence, 11 Massachusetts Avenue, Roston

Residence, 31 Massachusetts Avenue, Boston.



Frederick & Words

FREDERICK S. Woods, A.B., A.M., Ph.D., Assistant Professor of Mathematics.— Wesleyan University, $\Psi \Upsilon$; $\Phi B K$. — A.B., Wesleyan, '85; A.M., Wesleyan, '88; Ph.D., Göttingen, '94.

Assistant in Physics and Astronomy at Wesleyan, 1885-86; Teacher in Mathematics in Genesee Seminary, Lima, N. Y., 1886-99; Instructor in Mathematics at the Massachusetts Institute of Technology, 1890-95; Assistant Professor, Massachusetts Institute of Technology, from 1895; Lecturer on Mathematics, Harvard University, 1898-99.

Author of Plane and Solid Analytic Geometry (with Professor Bailey, 1897); Papers in Mathematical Journals; Editor of Annals of Mathematics.

Residence, 21 Church Street, Newton.



Thestous Kongh

THEODORE HOUGH, A.B., Ph.D., Assistant Professor of Biology.— A.B., Johns Hopkins University, '86; Ph.D., Johns Hopkins University, '93.

INSTRUCTOR in McDonough School, Maryland, 1886-89; Instructor in Biology, Massachusetts Institute of Techology, 1893-95; Assistant Professor of Biology from 1895.

Residence, 72 Pinckney Street, Boston.

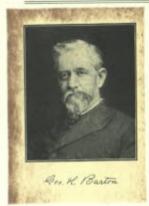


JOSEPH J. SKINNER, C.E., Ph.D., Assistant Professor of Mathematics.— Yale, '69.— Ph.B., '69, C.E., '74, Ph.D., '76, Yale.

INSTRUCTOR in Engineering and Mathematics (and for part of the time in Physics and French), Sheffield Scientific School, Vale, 1873-81; Computor and Draughtsman, Statistical Atlas of Ninth Census, 1873-75; Manager and Treasurer of the American Electric Co., New Britain, 1881-83; Instructor in Mathematics, Massachusetts Institute of Technology, 1885-96; Assistant Professor from 1896.

Author of a book on Approximate Computations, and of some papers in scientific journals.

Residence, Newton Centre.



GEORGE H. BARTON, S.B., Assistant Professor of Geology. - M. I. T., '80, III.

Assistant in Drawing, 1880-81; Hawaiian Government Survey, 1881-81; Assistant in Mineralogy and Lithology, 1883-88; Instructor in Determinative Mineralogy, 1888-89; Instructor in Geology, 1880-96; Assistant Professor of Geology from 1896.

Author of Outline of Elementary Lithology, Outline of Dynamical and Structural Geology, and of various papers on geology of Massachusetts, Hawaii, Labrador and Greenland, published in Proceedings of Boston Society of Natural History, American Journal of Science, American Geologist, Science, Technology Quarterly, etc. Residence, 16 Lexington Avenue, Cambridge.



ARTHUR G. ROBBINS, S.B., Assistant Professor of Highway Engineering .- M. I. T., '86, I.

Assistant, Civil Engineering, 1886-88; Instructor in Civil Engineering, 1888-9; Instructor in Highway Engineering, 1893-96; Assistant Professor from 1896.

Author of several articles in Technology Quarterly, An Elementary

Treatise on Plane Surveying and Navigation, Residence, 60 Webster Street, West Newton.



FRANK A. LAWS, S.B., Assistant Professor of Electrical Measurements .- M. I. T., '80, VI.

Assistant in Physics, 1889-91; Instructor in Physics, 1891-93; Instructor in Electrical Measurements, 1893-97; Assistant Professor of Electrical Measurements from 1897.

Author of a number of papers on Electrical Measurements, published in the *Technology Quarterly*, Proceedings of American Academy of Arts and Sciences, and *Physical Review*. Residence, Salem.



HARRY M. GOODWIN, S.B., PH.D., Assistant Professor of Physics. S.B., M. I. T., '90, VIII.; Ph.D., Leipzig, '93.

Assistant in Physics, Massachusetts Institute of Technology, 1892-92; Instructor, 1892-97; studying at Leipzig and Berlin, 1892-94; Assistant Professor from 1897.

Author of Laboratory Notes on Physico-Chemical Measurements; Physics Laboratory Experiments in Heat; Some Experimental Researches in Acoustics, 1890; Studien zur Voltasche Kette, 1892; The Fundamental Laws of Electrolytic Conduction, 1899; and various papers in scientific journals. papers in scientific journals.

Residence, 232 Townsend Street, Roxbury.



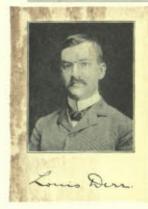
JOHN O. SUMNER, A.B., Assistant Professor of History .-Harvard, '87.

INSTUCTOR, Massachusetts Institute of Technology, 1894; Assistant Professor from 1897. Residence, 158 Mt. Vernon Street.



HENRY G. PEARSON, A.B., Assistant Professor of English. Harvard, '93; ΘΞ; Φ B K.

Instructor, Massachusetts Institute of Techology, 1893; Assistant Professor from 1898.
Author of the Principles of Composition. Residence, Boston.



LOUIS DERR, M.A., S.B., Assistant Professor of Physics.— Amherst, '89; M. I. T., '92, VI.; Δ T; Φ B K.—B.A., Amherst, '89; M.A., Amherst, '92; S.B., M. I. T., '92.

Assistant in Physics, Massachusetts Institute of Technology, 1892-93; Instructor in Physics, 1883-1900; Assistant Professor of Physics from 1900.

Author of Notes on Methods of Telegraphy; Notes on Dynamo Design, and a number of articles in various technical publications. Residence, 83 Centre Street, Brookline.



GEORGE V. WENDELL, S.B., Ph.D., Assistant Professor of Physics.— M. I. T., '92, VIII.; Δ K E.— S.B., M. I. T., '92; Ph.D., Leipzig, '98.

ASSISTANT in Physics, Massachusetts Institute of Technology, 1892-93; Instructor in Physics. 1893 1900; Savage Fellow of Massachusetts Institute of Technology, studying in Leipzig, 1896-98; Honorary Fellow of Massachusetts Institute of Technology, studying in Berlin, 1898-99; Assistant Professor of Physics from 1900.

Author of Ueber die Rotations dispersion der Weinsäure und des Terpentinöls; Paper on some Experiments with the Phonograph relating to the Vowel Theory of Helmholtz; Secretary of Society of Arts, 1890-1902, Massachusetts Institute of Technology. Residence/860 Massachusetts Avenue, Cambridge.



W. R. Whiting

WILLIS R. WHITNEY, S.B., Ph.D., Assistant Professor of Theoretical Chemistry and Proximate Technical Analysis. — M. I. T., '90, V.— S.B., M. I. T., '90; Ph.D., Leipzig, '96.

Assistant in Chemistry, Massachusetts Institute of Technology, of Theoretical Chemistry from 1900; Assistant Professor studying in Paris in 1896.

Translator of Le Blanc's Electro-Chemistry and Author of several

Translator of Le Blanc's Electro-Chemistry and Author of several papers in Scientific Journals; Electro-Chemist for the General Electric Company.

Residence, 93 Mt. Vernon Street.



Frank H. Thorp, S.B., Ph.D., Assistant Professor of Industrial Chemistry.— M. I. T., '89, V.—S.B., M. I. T., '89: Ph.D., University of Heidelberg, '93.

Assistant in Industrial Chemistry, Massachusetts Institute of Technology, 1889-91; Instructor, 1894-1900; Assistant Professor,

Author of Ueber die Oxime der substituierten Benzophenone (1893); Experiments on the Production of Boiled Linseed Oil (1890); A Review of Some Improvements in Chemical Industry (1896); Inorganic Chemical Preparations (1896); Outlines of Industrial Chemistry (1808).

Residence, Oriole Street, West Roxbury.



Charles & Fuller

CHARLES E. FULLER, S.B., Assistant Professor of Mechanical Engineering.— M. I. T., '92, 11.

Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1892-4; Instructor of Mechanical Engineering, 1894-1900; Assistant Professor of Mechanical Engineering from 1900. Residence, Wellesley.



WILLIAM A. JOHNSTON, S.B., M. Am. Soc. M.E., Assistant Professor of Mechanical Engineering.—M. I. T., '92, 11.

Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1892-94; Instructor, Mechanical Engineering, 1894-1990; Assistant Professor of Mechanical Engineering from 1990. Residence, Belmont.



CHARLES F. PARK, S.B., Assistant Professor of Mechanical Engineering .- M. I. T., '92, II.

Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1892-94; Instructor of Mechanical Engineering, 1894-1900; Assistant Professor of Mechanical Engineering from 1900. Residence, 21 Prospect Street, Taunton.



CHARLES L. NORTON, S.B., Assistant Professor of Heat Measurements .- M. I., T., '93, VI .- S.B., M. I. T., '93.

Assistant in Physics, Massachusetts Institute of Technology, 1893-95; Instructor in Physics, 1895-99; Instructor in Heat Measurements, 1899-1900; Assistant Professor from 1900.

Contributed to various publications, Papers on Fire Protection, Heat Conduction, The Protection of Steam Heated Surfaces, The Application of X-rays to Medicinal Diagnoses, The Illumination of Interiors by Pibbled and Primatic Glass Floatic Elements of the Protection of Steam Heated Surfaces, The Interiors by Pibbled and Primatic Glass Floatic Elements (Box Floatic Elements). Interiors by Ribbed and Prismatic Glass, Electric Furnaces, etc. Residence, Union Street, Manchester.



HENRY FAY, A.B., Ph.D., Assistant Professor of Analytical Chemistry and Metallography .- A.B., Lafayette College, '89: Ph.D., Johns Hopkins University, '95.

INSTRUCTOR in Analytical Chemistry, Massachusetts Institute of Author of the Action of Light on Some Organic Acids in the Presence of Uranium Salts; The Effect of Annealing upon the Physical Properties and the Microstructure of a Low Carbon Steel; The Nature of Lead Amalgams, and various other papers.

Residence, 16 Marlboro' Street.



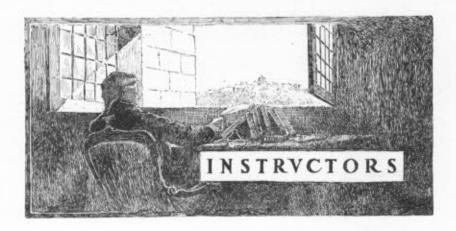
JAMES F. NORRIS, A.B., PH.D., Assistant Professor of Organic Chemistry .- Johns Hopkins University, '92; 4 BK. — A.B., Johns Hopkins University, '92; Рн.D., Johns Hopkins, '95.

Assistant in Chemistry, Massachusetts Institute of Technology, 1895-96; Instructor in Chemistry, 1896-1900; Assistant Professor from 1900.

Author of Papers on Chemistry published in the American Chemical Journal.

Residence, 16 Marlboro' Street.





HENRY K. BURRISON, S.B. Instructor in Mechanical Drawing M. I. T., '75, I. and Descriptive Geometry
Residence: 26 Lincoln Park, West Newton
ELLEN H. RICHARDS, A.M., S.B Instructor in Sanitary Chemistry M. I. T., '73, V.; A.M., Vassar, '70 Residence: 32 Eliot Street, Jamaica Plain
CHARLES L. ADAMS Instructor in Freehand Drawing Residence: 256 Lamartine Street, Jamaica Plain
PETER S. BURNS, Ph.D Instructor in General Chemistry Iowa State College, '86; Δ T Δ Residence: Milton
JOHN W. SMITH Instructor in Industrial Chemistry and Textile Coloring Residence: 7 Brookfield Street, Roslindale
NATHAN R. GEORGE, Jr., A.M Instructor in Mathematics Harvard, '90; Θ Δ X; Φ B K Residence: 208 Huntington Avenue
LEONARD M. PASSANO, A.B Instructor in Mathematics Johns Hopkins, '89 Residence: 5 Cottage Avenue, Winchester
JOSEPH BLACHSTEIN
ROBERT P. BIGELOW, Ph.D

Residence: 72 Pinckney Street

BENJAMIN E. CARTER, Jr., A.M. Instructor in Mathematics Harvard, '90 Residence: 176 Huntington Avenue Samuel P. Mulliken, Ph.D. Instructor in Organic Chemistry S.B., M. I. T., '87, V.; Ph.D., Leipzig. '90 Residence: 51 Bromfield Street, Newburyport George W. Rolph, A.M. Instructor in Sugar Analysis A.B., Harvard, '85; A.M., Harvard, '86; A T; II H. Residence: 322 Harvard Street, Cambridge L. Kimball Russell, S.B. Instructor in General Chemistry M. I. T., '86, V. Residence: 128 Medford Street, Arlington ERVIN KENISON, S.B. Instructor in Mechanical Drawing and Descriptive Geometry M. I. T., '93, II. Residence: 109 Magoun Avenue, Medford KILBURN S. SWEET, S.B. Instructor in Civil Engineering M. I. T., '93, I. Residence: 33 Coolidge Road, Allston F. JEWETT MOORE, Ph.D. Instructor in Analytical Chemistry A.B., Amherst, '89, X &: Ph.D., Heidelberg, '93 Residence: 220 Marlboro' Street W. FELTON BROWN Instructor in Freehand Drawing Residence: 35 Glenwood Street, Roxbury Justus Erhardt, A.B. Instructor in Modern Languages Residence: 10 Arlington Street, Boston HARRY W. GARDNER, S.B. Instructor in Architecture M. I. T., '94, IV. Residence: 90 Corey Street, Roxbury GEORGE B. HAVEN, S.B. Instructor in Mechanical Engineering M. I. T., '94, II. Residence: Needham FRANK P. McKibben, S.B. Instructor in Civil Engineering M. I. T., '94, 1. Residence: 42 Newbury Street, Newton Centre Joseph W. Phelan, S.B. Instructor in General Chemistry M. I. T., '94, V.

Residence: 754 Center Street, Jamaica Plain

Samuel C. Prescott, S.B M. I. T., '94, V.	6	*		*		Instructor in Biology
Residence:	334	Broa	dway	, Cam	bridge	
Archer T. Robinson, A.B Harvard, '96, \$\phi\$ B K						Instructor in English
Residence: 14	Biltr	nore	Stree	t, Jam	aica P	lain
ARTHUR W. WEYSSE, Ph.D. A.B., Harvard, '91; A.M., Residence: 3						
HARRY C. BRADLEY, S.B M. I. T., '91, I.					an	d Descriptive Geometry
Residence:	103 G	ainsb	oro'	Street	, Bost	on
Charles M. Spofford, S.B. M. I. T., '93, 1.	*			In	istruct	or in Civil Engineering
Residence: 39	Chu	rchill	Aver	ue, N	ewton	ville
RALPH R. LAWRENCE, S.B M. I. T., '95, VI.			•		+	Instructor in Physics
Residence :	34 Su	ımner	Stre	et, Do	orchest	er
FRANCIS HAROLD DIKE, A.B. Columbia, '97	-	44	7			Instructor in French
Residence	ce: 2	ı We	st Ce	dar S	treet	
George L. Hosmer Residence: 100						Control of the contro
Alpheus G. Woodman, S.B. M. I. T., '97, V.						in Sanitary Chemistry
Residen	ice: 4	Uni	on Pa	ark St	reet	
WILLIAM T. HALL, S.B M. I. T., '95, V.	5		9	Instr	uctor i	in Analytical Chemistry
Residence:	366	Comi	nonw	ealth	Avenu	e
Joseph C. Riley, S.B	2.7	ñ.	In	struct	or in 1	Mechanical Engineering

Residence: 15 Spring Park Avenue, Jamaica Plain

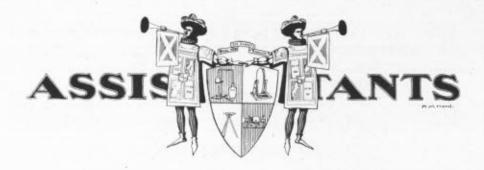
WILLIAM D. COOLIDGE, Ph.D. Instructor in Theoretical Chemistry

Residence: 166 West Canton Street, Boston

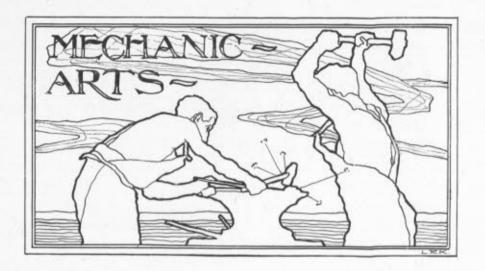
M. I. T., '96, VI.

CHARLES W. BERRY, S.B Instructor in Mechanical Engineering M. I. T., '95, VI.
Residence: 6 Centre Street, Somerville
Walter S. Leland, S.B Instructor in Naval Architecture, M. I. T., '96, XIII.
Residence: South Framingham
CHARLES H. WARREN, Ph.D
Residence: 74 Buckingham Street, Cambridge
WILLIAM J. DRISKO Instructor in Physic. M. I. T., '95. VIII.
Residence: 24 Park Avenue, Malden
CHARLES B. BREED, S.B Instructor in Civil Engineering M. I. T., '97, I.
Residence: 17 Oakville Street, Lynn
HARRISON W. SMITH, A.B., S.B Instructor in Physic. Harvard, '95; M. I. T., '97, II. Δ Υ Residence: 40 Mill Street, Dorchester
MAURICE DEK. THOMPSON, Jr., S.B. (Absent) Instructor in Physic. M. I. T., '98, VIII; Δ K E
WILLIAM S. NEWELL, S.B Instructor in Mechanical Engineering M. I. T., '99, XIII.
Residence: 87 Main Street, Winchester
CHARLES-EDWARD A. WINSLOW, S.M Instructor in Biology M. I. T., '98, VII.
Residence: Hotel Oxford, Boston
REGINALD R. GOODELL, M.A
Residence: Technology Club, 83 Newbury Street
CHARLES E. LOCKE, S.B Instructor in Mining and Metallurgy M. I. T., '96, III.
Residence: 16 Concord Street
HENRY L. SEAVER, A.B
D. M. Aller Co., D. A.

Residence: 39 Allston Street, Dorchester



JAMES W. SMITH, S.B. . . . Assistant in Mechanical Engineering OSCAR W. PICKERING . Assistant in General Chemistry ALICE G. LORING Assistant in Architecture HARRISON W. HAYWARD, S.B. Assistant in Mechanical Engineering FRED E. BUSBY, S.B. Assistant in Industrial Chemistry WALTER H. JAMES, S.B. Assistant in Mechanical Engineering R. WILFRED BALCOM, S.B. Assistant in Analytical Chemistry EDWARD E. BUGBEE, S.B. . Assistant in Mining Engineering Assistant in Oil and Gas Analysis CARLETON ELLIS, S.B. CHARLES M. FOSDICK, S.B. Assistant in Civil Engineering TIMOTHY C. O'HEARN, S.B. Assistant in Mechanical Engineering LAWRENCE S. SMITH, S.B. Assistant in Mechanical Engineering CHARLES W. HODSDON, S.B. Assistant in Mechanical Drawing GEORGE Le R. MITCHELL, S.B. Assistant in Physics HENRY L. KEHL, S.B. Assistant in Mechanical Engineering HARRY R. WHITE, S.B. Assistant in Mechanical Engineering JOHN BOYLE, JR., S.B. . . Assistant in Mining Engineering WILLIAM W. GARRETT, S.B. Assistant i: Mining Engineering FREDERIC H. SEXTON, S.B. Assistant in Mining Engineering FREDERICK G. CLAPP, S.B. Assistant in Biology ARTHUR C. DAVIS, S.B. . Assistant in Chemistry WARREN I. BICKFORD, S.D. Assistant in Physics. HARRY E. DART, S.B. . . . Assistant in Physics CLINTON M. DEARDEN, S.B. Assistant in Physics EDWARD P. BECKWITH, S.B. Assistant in Chemistry FRANCIS B. DRISCOLL, S.B. Assistant in Civil Engineering FRANCIS E. CADY, S.B. Assistant in Physics SAMUEL L. WONSON, A.B., S.B. Assistant in Civil Engineering FREDERIC W. FREEMAN, S.B. . Assistant in Physics HERBERT H. KENNEDY, S.B. Assistant in Physics JAMES C. WOODSOME, S.B. Assistant in Mechanical Drawing JOHN P. SANBORN, Jr., A.B. Assistant in English





INSTRUCTOR IN GYMNASTICS

WILLIAM SKARSTROM, M.D.



LECTVRERS

HOMER ALBERS, LL.B.		74		4		-				D	usines	s Law
JOHN ALDEN, S.B					18			4		Text	ile Pr	inting
PHILIP R. ALGER, U.S.N			,						Ordn	ance	and .	Armor
TRUMAN H. BARTLETT .		6	8.		20	W.				*	Moc	delling
LOUIS BELL, Ph.D		10			<	The	Ele	ctrica	! Trans	missi	on of	Power
GEORGE W. BLODGETT, S.B.		1	The	100	licat	ion o	f E	lectrici	ity to R	ailwa	y Sign	naling
JOHN BALCH BLOOD, S.B.	10			The	Des	ign i	of A	lterno	ting Cr	erren	t Mac	hinery
HENRY CARMICHAEL, Ph.D.	10	3		30		22			. F.le	ctroly	ests of	Brine
S. EVERETT DOANE				ψ.		11.		2	. Inc	ande	scent i	Lamps
GEORGE W. FIELD, Ph.D.						2.8		6	0.0	101	lied 2	Loology
HOWARD C. FORBES, S.B.						12	3	Comm	ercial 1	Electr	ical I	esting.
JOHN R. FREEMAN, S.B.	Fir	eprooj	Con	struc	tion	and	the	Hydi	aulics o	f Fi	re Pro	tection
HOLLIS FRENCH, S.B	16		E	lectric	al I	Engi	neer	ing P	ractice i	and ?	Specific	cations
CHARLES M. GREEN	28	12	4	÷	17	2	÷		Elect	ric z	tre Li	ghting
DAVID A. GREGG	1.	-						¥	Pen a	nd I	uk Dr	awing
HAMMOND V. HAYES, PH.D.			95		20				Telep	hone	Engin	seering
JOHN GEORGE JACK	12								4 9		Hortic	ulture
CHARLES D. JENKINS, S.B.	10	53			11			///www	inating	Gas	and I	Pottery
EDWIN O. JORDAN, Ph.D.							4	Bact	eriologia	al M	leasur	ements
ERNEST A. LE SUEUR, S.B.								Ind	ustrial	Electi	ro-Che	mistry
ARTHUR D. LITTLE	50			16				te	10.00	4		Paper
JAMES W. LOVELAND, S.B.	22	92	N/	77				1.	Man	ufacti	ure of	Soaps
GUY LOWELL, A.B., S.B., Grad.	Eco	le des	Bea	ux A	rts			×	Lands	cape	Archi	tecture
SAMUEL W. MEAD	*:				70				. Are	hitect	ural l	Design

1903	ΤE	C	H	N	I Q	I	JE						4.3	3
FREDERICK H. NEWELL,	S.B.		6.		4	45					h	lydr	ograph	y
WALTER E. PIPER, S.B.		-			1		1	4		-			Rubbe	r
ODIN B. ROBERTS, LL.B.			The	Na	ture	and	Fun	ction	of	Paten	ts for	- In	vention	j.
TIMOTHY W. SPRAGUE, S	s.B	-								Elect	ricity	in	Mining	g
JOHN STONE STONE			The A	ppli	cation	of	Elect	rical	Osc	illatio	ns in	T	elephon	ÿ
R. CLIPSTON STURGIS, A	В	-			0.			Engi	lish	Land	scape	Ga	rdenin	g
ELIHU THOMSON .		,			Rec	ent	Deve	topmi	ents	in A	pplied	l E	lectricit,	y
ROSS TURNER					4		2					Wat	er Colo	r
W. LYMAN UNDERWOOD	* *					Ba	cterio	logy .	in t	he Ca	nning	. In	dustrie	8
JASPER WHITING, S.B.	18 %		14		1					Come	out A	fan:	ufactur	0
S. W. WILDER, JR., S.B.			-	14			Alun	uina	and	Alm	nina	Cox	npound	8
C. J. H. WOODBURY, A.M.					-	Elei	ctricit	y in	its	Relati	on to	Fi	re Risk	3
C. HOWARD WALKER						-				Histo	ory o	f O	rnamen	t
ELEAZER B. HOMER, S.B.									,	Arch	itectu	iral	Histor	y
WINTHROP ALEXANDER		4					1	Wode	rn S	System	s of	Fire	eproofin	8
A. V. GARRALT		-												





HENRY S. PRITCHETT HARRY W. TYLER

JOHN D. RUNKLE GEORGE A. OSBORNE ROBERT H. RICHARDS WILLIAM H. NILES CHARLES R. CROSS GAETANO LANZA GEORGE F. SWAIN FRANCIS W. CHANDLER WILLIAM T. SEDGWICK DAVIS R. DEWEY WEBSTER WELLS CECIL H. PEABODY ARLO BATES D. DESPRADELLE PETER SCHWAMB C. FRANK ALLEN ALFRED E. BURTON DWIGHT PORTER HEINRICH O. HOFMAN HENRY P. TALBOT ARTHUR A. NOYES ALDOLPH RAMBEAU THOMAS E. POPE WILLIAM BAIRD GEORGE T. DIPPOLD CHARLES F. A. CURRIER WILLIAM HOOGARRD WILLIAM Z. RIPLEY LINUS FAUNCE DANA P. BARTLETT JEROME SONDERICKER

President Secretary

ALLYNE L. MERRILL EDWARD F. MILLER FRANK VOGEL S. HOMER WOODBRIDGE WILLIAM L. PUFFER WILLIAM H. LAWRENCE WILLIAM O. CROSBY FREDERICK H. BAILEY FRED L. BARDWELL AUGUSTUS H. GILL HARRY E. CLIFFORD RICHARD W. LODGE FREDERICK S. WOODS THEODORE HOUGH JOSEPH J. SKINNER GEORGE H. BARTON ARTHUR G. ROBBINS FRANK A. LAWS HARRY M. GOODWIN JOHN O. SUMNER HENRY G. PEARSON LOUIS DERR GEORGE V. WENDELL. WILLIS R. WHITNEY FRANK H. THORP CHARLES E. FULLER WILLIAM A. JOHNSTON CHARLES F. PARK CHARLES L. NORTON HENRY FAY JAMES F. NORRIS

The Walker Memorial Movement

1



NE of the best criteria of the strength and worth of any institution of learning is to be found in its Alumni; not only in the respect and esteem in which they are held and the impress they make upon their respective communities, but also in the feeling of love and loyalty with which they regard their alma mater. To the Alumni may be attrib-

uted, in great measure, the success of all the largest and most firmly established colleges. Each one has its thoroughly organized Alumni Association, which is considered almost a part of the college itself. Such an association is a tie binding its members to each other and to their college; it affords an opportunity for a display of enthusiasm and loyalty which rivals in fervor that of the undergraduates; and it insures a more concerted action on the part of the Alumni in any movement in the interest of their college. The Massachusetts Institute of Technology, being yet young and, until within the last decade or so, in no way approaching its present proportions, has comparatively few Alumni. Nevertheless they have organized a strong general association, as well as many local ones in various sections of the country. Each class, also, after graduation, continues its organization and, through its secretary, keeps in touch with its different members. These secretaries

themselves have formed the Association of Class Secretaries, which in fact is the bond that unites the various classes and is a sort of nucleus of the whole Alumni structure. Until recently the Alumni have undertaken no great work for the Institute. Within the last three or four years, however, they have raised a considerable sum for the erection of a gymnasium as a memorial to the late President Walker.

The idea of some memorial to General Walker was conceived in 1898 by Dr. Tyler, then Secretary of the Association of Class Secretaries. At first it had little of its present form and scope. It was only a desire to honor the memory of and to show a love for the man who had done so much for the enlarging and upbuilding of Technology. The originator presented his idea to the Alumni at a meeting of the Class Secretaries, 1898. His plan was that a building be purchased or erected to be used as a gymnasium and to be called the Walker Memorial. This idea of a gymnasium as a memorial met with instant approval because of President Walker's great interest in the student body as a whole and their athletics in particular. It was thought at first, however, that it would be too great an undertaking for the Alumni at that time. Nevertheless a temporary committee was appointed to ascertain the feelings of the Alumni in general on the subject and to report at the next meeting of the Alumni Association in December. It was almost the universal opinion of those consulted that any such attempt at that time would be impracticable on account of the financial depression then affecting the whole country. Nevertheless, upon the first committee's recommendation a permanent committee was appointed from the Alumni Association to have charge of the raising of subscriptions for the new gymnasium.

■ The first meeting of the committee was held on March 4, 1899, at which a temporary organization was formed. At the next meeting, a few weeks later, a permanent organization was effected and a general plan of work outlined. It was decided that contributions be solicited first from former students, or persons in some way connected with the Institute, and that later outside support be asked. The leading idea and purpose of the whole plan was not the solicitation of large amounts, but was the desire and effort to obtain as large a subscription list as possible. A few relatively large amounts, however, were to be sought, to serve as a working basis. In order the better to reach every one, an associate member of the committee was appointed from each graduate class, whose duty it was to have personal charge of the canvassing of his own class. The Alumni associations in other cities were asked to appoint local subscription committees. Personal or circular letters were sent all former students, impressing upon them the fact that it was not the amount of their subscription that was wanted, as much as it was desired to give them an opportunity to show their love and gratitude toward one who had so patiently and kindly taught and led them during their college days. With what success the committee worked is shown by the fact that by the first of July, 1800, twelve thousand dollars had been subscribed.

At first the committee were considerably hindered by criticisms of indefiniteness or lack of settled purpose or object for the fund when collected. These criticisms were met by the reply that, until reasonably accurate knowledge as to the amount of subscriptions was obtained, no definite plan for the memorial could be adopted; but that upon

whatever the final decision settled it was assured that it would be worthy of General Walker and the Institute. Early in the movement it was proposed by one of the committee that the fund be used to purchase and equip an athletic field. This proposition was not adopted because it was not one that would meet the necessities of the case as well as would a gymnasium. An athletic field would appeal only to the limited few that take active interest in out of door sports; whereas a gymnasium, situated near the Institute, would attract a much larger number of students that would not take advantage of a track at some distance.

As the number of contributions was constantly increasing, thus showing with what favor the idea of a memorial to President Walker was being received by the Alumni, it was determined to open the lists to the undergraduate classes and the various fraternities and clubs in the Institute. Their subscriptions were accredited to them as distinct bodies, as had heretofore been done with the graduate classes. In May, 1899, some six hundred dollars were realized from the annual play given by the Walker Club, and had been very generously donated by the club to the Walker Memorial.

■ When it was fully demonstrated by the number and amount of subscriptions that the gymnasium was no longer an experiment, but an assured fact; and when it could be ascertained to what amount the contributions would probably reach; then it was that locations for the building were discussed and plans drawn up. The lot on St. Botolph Street near the "shops" and the "Jordan estate" on Irvington Street were advocated and well considered. Consideration of these was finally dropped for it was desired that a loca-

tion be chosen nearer Copley Square, in order to centralize as much as possible the Institute buildings. It was then proposed to obtain a part of the old railroad yard between Berkeley Street and Trinity Place, that was soon to be put on the market. This proposition was adopted and the site at the corner of Stanhope Street and Trinity Place was selected.

At about this time Dr. Pritchett entered upon his duties as President of the Institute. Being warmly concerned with anything touching the welfare of the Institute, he at once became interested in the Walker Memorial movement. He saw in it and its object an important factor in the problem to which he has devoted himself, that of improving the student life as a whole and of fostering true Tech spirit in the undergraduate. The scope of the building and memorial had been very materially broadened from the idea of a gymnasium merely, to that of a building that would improve not only the athletic but also the social side of student life. Dr. Pritchett represented the committee before the Corporation, and obtained from it an agreement to furnish the land for the building, provided one hundred thousand dollars be raised to be used in its erection.

■ To this amount Dr. Pritchett and the committee determined to raise the subscription before the meeting of the Corporation in the following June. New circulars were sent to all those that had failed to respond to previous appeals. The scheme of "level" subscriptions was tried. Each one was asked for a certain sum—thirty dollars,—to be paid in three yearly installments. This scheme proved so successful that by commencement all but five thousand dollars of the desired amount had been subscribed. It was then a

question of raising this balance within the next few days. This position of the committee was laid before the members of the class of 1901 at one of its last meetings as undergraduates. With a most admirable spirit, they raised,

within a few minutes, the required amount.

The amount at first settled upon was now subscribed and would have been sufficient for the erection and equipment of a gymnasium merely; but as the design of the building had been considerably enlarged it was desired that the amount reach one hundred and seventy-five thousand dollars. Subscriptions being steadily forthcoming there was great promise that this would be possible. Indeed the success of this higher aim has become so assured that plans have been drawn up and accepted on that basis. It is now the hope and belief of the committee that actual work on the building will be begun within another year, and that it will be ready for use before the present under classes will have graduated.

■ The Walker Memorial has not been founded as the gift of some individual broad-minded philanthropist, interested in the Massachusetts Institute of Technology only because of the good it is doing. It has been raised by the hundreds of hands and dedicated by the thousands of loving hearts, which have been trained and filled within the walls of dear old Tech, to one who did so much to make Technology what it is, an institution of which each and every Alumnus

may feel justly proud.





Class of Nineteen Hundred and Five



Officers

NORMAN LOMBARD
President

ARTHUR JOHN AMBERG First Vice-President

MITCHELL MACKIE Second Vice-President

ROBERT NATHANIEL TURNER

Secretary

THEODORE GREEN

Treasurer

Board of Directors

RALPH NIMS WHITCOMB EDGAR LOGAN HILL

Anstitute Committee

FRANK SPENCER ELLIOT CHARLES WALDO ADAMS, Jr.

Freshman Class History

Being Tony Donovan's Account



ULLS," remarked Tony, after the first joyful greetings were over, "I dunno but yer uncle's glad ter git home onct more. Yer know when I went ter Bostin las' summer? Well, I hadn't bin workin' very long before de boss come up to me an' says, 'Tony, dere's a gent'lman out dere as wants ter see yer.' Dat kinder took me off me leathers fer

a minit, fer I didn't know no one as would want ter see me, but I chirps, 'All right, I'll be out as soon as I finish signin' dese checks.' So I goes out an' dere stood a bloomin' guy wot looked like he'd bin havin' de weeps. I knewed him fer I'd brung his little pup home when he'd went an' got himself lost.

"'My boy,' says he, 'yer a bright lookin' lad,' — ya-as he did too; I ain't givin' yer no ha-ha, an' his face was as straight as Judge Jerome, it was. Den, when I'd cum out uv me trance, de gent went on: 'I have just lost me son an' I've payed fer his tootion in de Massyjewsitts Instituot uv Tenchology fer one year an' if yer can get in dere, why, I'd like ter help yer troo.' Did I take him up? Well say! I ain't no come-on an' I knows a gold brick when I sees it, but dis was eighteen carrots all troo ter th' other side.

"Well, I got in—it don't make no diff how, fer I don't like ter giv' no names,—'n' I was pretty sure de t'ing

would suit me right down ter de groun' 'til I run up agin de tab'lar views. Den I t'ought I see me finish, all right, but it takes er pretty hard prop'sition ter phase yours truly, so I piped off a decent lookin' chap readin' de bulletins an' I says, 'Fix dis up fer me, will yer?' and he did; he was

a real gent.

■ "T'ings went on swimmin' fer a few days; de lessons come easy fer me, bein' naterally bright—aw don't hit a feller like dat right on his vaccination—an' dey seemed ter have put me up ter all de easy profs., so de whole show was comin' me way in first rate style. I began ter pick up wid er gang er mugs—I heerd one uv 'em tell 'nother dey t'ought I was real 'riginal'—but den I liked 'em, so I didn't fret meself furder 'bout why dey froze ter me.

There was notice on de board, one day, dat de Y.M.C.A. was goin' ter giv' a glad hand an' ice-cream lay-out ter de Freshies-dat's us noo fellers-an' de boys said der was a compulsory ticket comin' ter me, so I put on a clean collar an' went. It was wot dey calls informal, dat is, if you don't know a feller yer knocks yerself down ter him an' he tags yer back. De show was goin' pretty slow 'til in drops de President - naw, not Teddy, his name's Pritchett an' he's a bird, de bes' t'ing in de place, dat is, he an' de Tech yell, which I'll tell some day when de ladies ain't aroun' - since I been ter Bostin I'se got estetic like de rest. When Doctor Pritchett got up, dey all raised a bully row an' I worked me little clappers till all de rest got tired but me, den' he giv' us a speech an' wound up by sayin' he wanted us ter drop in an' drink tea wid him some day -t'ink er me drinkin' tea.

¶ "It wasn't long before dey tol' me it was up ter me ter
go ter chapel wid 'em —I mean de boys did. When dey

sprung de chapel on me I says, 'Boys, yer've al'ays treated me right up an' down, but when yer tries ter giv' me a jolly like dat, yer mus' take Tony fer a goo-goo.' Dey says, 'Naw, Tony, yer mus' go; dat's er great place, de chapel; jus' come onct an' yer'll come agin widout askin'.' I went ter please de guys an' cross me heart, boys, but de chapel is de booze subway uv de Brunswick an' dey filled me up ter de teet wid de silkiest high balls dey ever pushed over de mahogany. I agreed de chapel was anoder redeemin' featur' uv Tech.

¶ "De nex' riot wat took place was de class meetin'. Some guy had a bad case uv t'inks an' he got us tergether an' tol' us ter organize. We got some temp'rary officers an' a whole rummage sale er c'mitties, den we kep' havin' meetin's fer de push ter scrap wid dere faces about a constituotion wat dey adopted jes' ter giv' it de go-by as N. G.; about dis time, I giv' up goin' ter class meetin's

-dey was too deep fer little Tony.

¶"Guess I'd better remark on de wise guys up at de brain mill. Dere's 'Dippy,' he's a boy wat fits me t'ink tank, an' den dere's 'Free-hand Charlie,' he mus' be a Noo Yorker like me, but den, yer don't know him so yer can't see dat joke. Dey says 'Blackie' is a bit free wid de blue pencil, but I foun' most all de profs more dan sixty candle pow'r, aldo' dey has dere little percooliarities, an' dere F's set up in rubber stamps ter save time.

■ "Wat bumped me hard was de drills. I had ter set
meself up fer a little livery dat made me look so as folks
would t'ink I ought ter bring de ice-water fer 'em and hol'
out me hand fer a dime. Dey trotted us out in a big shed
an' worked us ter beat de orchestry. I got put in Comp'ny
FF, an' say, de way dey made us do de march act would

cast shadders on de Sevent' N. Y. N. G., and don't you lose dat.

■ "Long 'bout dis period I got me score card an' when I see all de F's, I t'ought I was first in ev'ryt'ing till one er me frien's tol' me dat F didn't mean dat. Den I t'ought I'd have ter hustle fit ter raise a blister if I wanted ter break de monot'ny nex' time.

One day de main t'inker over ter de bug department wanted ter know had I been vaccinated. I tol' him no, but I'd been hooked by a cow onct an' t'ought it was all in de fam'ly, but he didn't see it dat way, so seein' it was a free show, I rolled up me sleeve and got scratched.

I "De Institoot C'mitty come to about den an' began to t'ink de place needed a flag, fer when Doctor Pritchett was down ter de Yale blow-out, he didn't have none to do de Barbary Freechy act wid, like de other Prexies. I dropped me ticket fer a big red one wid a gray T on it, but me candidate got de t'row down fer a two triangle affair dat was all right only she didn't make half so much racket.

The per a while not much happened. De hardest work bein' turnin' up five er six chairs in de lunch-room every day, and tryin' ter keep de Roger's steps from gettin' de chills. But all de time dey was scorin' fer a Fiel' Day, as dey called it. Dis was somethin' new dey cooked up so's the Sophs could have a look in fer dere dough, 'cause dey all knew dey didn't stan' no show in a cane rush while I was on de Freshies' side. 'T last dey fixed it all up ter have a foot-ball game an' a race an' ter wind de meetin' up wid er tug-uv-war. All dis was ter come off at Charles River Park on de nineteent' uv November, an' we got our new flags jus' in time ter cel'brate de two occasions ter onct.

The crowd mingl'd on de night uv de eighteent' ter hit er up. We went out ter de Park ter paint 'er over wid '05's, but de watchman, not seein' it dose ways, gives der perlice call. Dey sprung er whole squad uv coppers on us an' dat was enough ter persuade us ter move on an' go out ter play wid our little frien's de Sophs. I don't t'ink dose chil'ren cared for us den, fer dere was such a scarceness uv 'em when we come along dat we couldn't

fin' but jus' er few ter love.

■ "De great day was rainin' an' a bum day, fer fair, but we didn't min' er little t'ing like dat an' we all turned out, even Tommy and de co-eds. All our beautiful 'o5's were travellin' incog, after de Sophs had got t'roo wid 'em, an' one uv dere flags was stuck up on de goal post—we pulled dat down an' I got a bit fer a keepsake. We soaked 'em in de game so's dey didn't know wot'd run inter 'em. An' dough dey put up a better show fer de race, we pulled out a winner in dat, too. Dere was er bit uv er mistake in de tug somewheres, fer dey got dat, but anyhow, de Sophs couldn't er won er point if dey hadn't had a pull—see!

■ "After de tug, we got in er bunch an' started aroun' de fiel'. Dat sorter t'ing wasn't set out in de Sophs' program an' it got 'em so excited dey sailed inter us. W'en de scrap was done wid, we marched home. Me an' me frien's paddled down ter de President's ter tell him how glad we felt, but he wasn't dere waitin' fer us. Somehow, we'd missed our cue an' got in ahead uv him, an' dat grieved us er bit 'til we seen him comin' 'long de street. Den we tol' him all about it an' got a speech from him in return. Den we went home ter let de folks know how happy we was an' what kind uv a place Tech is. Say, did

I grind much dat night? Look in me eyes fer de green. Pretty soon after our great vict'ry de Technol'gy Club, dat's de club de 'Lumni runs, put up a feed at de Gym an' gave de teams an' de 'pecials an invite. After we got filled up, speeches was in order, an' in er few well-chosen words,—dat 'spression's from der Tech,—Doctor Pritchett presented de cup ter us. De cup's er peach an' we're de firs' class ter have our num'rals in er 'reath. While we we're havin' a look at de prize de res' of de crowd tried ter sing an' de sophs tried ter cheer; but like de res' of dat class's undertakin's it was on der bum. Den our table exercised er lit'le lung pow'r an' saved der day.

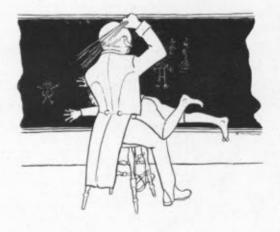
¶ "A few days later was T'anksgivin' an' de fac'lty got suddenly gen'rous an' tol' us dat exercises would be suspended fer de 'hole day—all 'cept dose at chapel—an' fer de firs' time in his life, yer little Willie-boy was trooly t'ankful—dat we got even dat day. But den, C'rismus was comin' fas', an' b'fore I knew it she was dere an' I let me clock stop fer a week—dat is, all but fur de t'ree days I put in showin' me frien' Linus how mechan'cal drawin' plates orter be did. I got L's in 'em, too,—L means

'lovely,' boys.

■ "Well, I hadn't really got over de little res', when dey springs de exams' puzzle on us. Bein' Freshies we only got two, but,—frien's, if yer ever gits ter Tech and yer values yer hide, t'row up yer job before yer tears de Janurary page off de calendar. But don' yer min'; I ain't no soft, so I got a fightin' grip on t'other side er de knothole an' pulled troo an' tackled de secon' innin'.

¶"I'd er got on all right after dat, if it hadn't been fer dat drill. Las' Wednesday, we were gittin' de manool pounded inter us when de feller nex' me brung his gun

down on me toe. Den I got hot an' t'umped 'im; dis started a reg'lar rough-house an' I was jus' beginnin' ter feel real homelike, when up come de lootenent an' says ter me, says he, 'Donovan, whatcher doin' here?' I don't like bein' interrupted w'en I'm takin' me exercise, so I piped up kinder sharp, 'De guy nex' me biffed me on de stepper wid his musket an' I up and giv' him a jolt in de talk bone.' Dis didn't suit his nibs, so I ended up b'fore de Faculty. Dey giv' me de gaff, an' now I'm out ter pasture agin wid de res' uv youse lambs."



Class of Nineteen Hundred and Five

 $(\;\textbf{C}\;\textbf{O}\;\textbf{N}\;\textbf{C}\;\textbf{L}\;\textbf{U}\;\textbf{D}\;\textbf{E}\;\textbf{D}\;)$



COLORS

Cardinal Red and Silver Gray



YELL

Boom - rah - ree! Boom - rah - ree!

Nineteen - five, Technologee!

Boom - rah - rah! Boom - rah - rah!

Naughty - five! Naughty - five!



Class of Nineteen Hundred and Four



Officers

LEONARD PRESTON BURNHAM
President

MARQUIS EDGAR MASON
First Vice-President

CHARLES FREDERICK HUNTER
Second Vice-President

ARTHUR CALDWELL DOWNES

Secretary

CURRIER LANG Treasurer

Board of Directors

DIMITRI BENJAMIN BARY PRESTON MORRIS SMITH

Anstitute Committee

MERTON LESLIE EMERSON
GUY HILL

Sophomore Class History

%



HE closing year of the nineteenth century was marked by two events, both full of bright promise for the Massachusetts Institute of Technology. We refer, of course, to the entrance of the class of 1904, and also to the inauguration of our new President. Dr. Pritchett can not but feel proud of the class which entered with him; and he has been

more than once reported as speaking of us as his class. In accordance with the old custom, the class went through the formality of entrance exams, which, it is understood, were successfully passed off by the end of the Freshman year.

Of the more prominent members, Porter turned up late and has since kept up his reputation; M. L. Emerson expected a reception and a brass band to welcome him, and has spent the rest of his career wondering why they did not materialize. The remainder of the class happened in by mistake and spent the first days in trying to hang their hats in the Secretary's office.

As Freshmen we learned many things,—first, that the Y. M. C. A. is an "easy mark"; second, that the little short man with a black beard, and a fur muff to match, on his head, was the dreaded potentate of the Institute; third, that Tommy Pope had no thoughts of discouraging us when he said that Chemistry was easy. We attended the President's mass meeting and began to make the acquaint-

ance of such celebrated characters as Linus, Letter Plates alias "Freehand Charlie," and "Mac," whose worldly lot we took upon ourselves to materially brighten.

The class next became involved in the throes of an election. At our first mass meeting, held in Huntington Hall, we were slightly disturbed by the puny efforts of a band of degenerate-looking individuals known as Sophs, and found it necessary to remove them, and to precipitate the remains down into Roger's corridor. At another meeting we elected a temporary chairman, and proceeded to choose our class officers. The contest for President between the ancient and modern poets, Homer and Emerson, lay in horrible suspense, however, for weeks, nobody condescending to vote. As a result Homer, the immortal but better known as the hero of the cane spree, was elected. The time being one of rejoicing for the reasons stated at the beginning, important ceremonies were held in commemoration. At the inauguration of the President we arose at the proper moment, accompanied, incidentally, by the other classes, and received the applause of the multitude. At the torchlight procession on the same evening 1904 was prominently represented and received the particular thanks of the President. Later, at the Republican parade, the class did brilliant work and reaped a rich harvest of Harvard hats, not to mention mowing down several hundred yards of fence and defeating a squad of police. Soon after this, the President, on obtaining our approval, had the Christmas vacation extended, a policy which he has since continued. We recuperated gradually from the effects of this week of enforced idleness and then began to find it necessary to work. We had long ere this discovered that Tommy Pope had spoken without true knowledge of the ratio of one hour's work to one page of Remsen's so-called explanation of Chemistry, when he said, that the subject was an easy one. Linus, further, introduced to us his benevolent methods of protecting a man against himself by means of high board partitions. Be it known, moreover, that the said partitions contain many pointed sayings not to be found on the pages of "Descriptive Geometry" by Faunce. We fought with the dreaded semi-annuals, few but fierce, and were for the most part successful. It is reported, however, that one member of the class "flunked" Military Science! Your historian can not vouch for the truth of this extraordinary statement.

On our return we found new fields to conquer: a new kind of math. with a feminine name and Tommy Pope with a new set of reactions which, so he said, we need not learn. Tommy always puts that kind on the exam paper. We likewise had the pleasure of coming, for the first time, under the spell of the Institute's hustling historian, having a velocity of talk varying directly with the intellectual capacity of the class and inversely as the square of the intensity of the subject. In our leisure moments we amused ourselves with testing the resonance of the Armory floor, playing football with spittoons, discharging blank cartridges and shooting the chutes in a hand truck, all pastimes connected with the diversion of Freshman drill.

With March came our class dinner, the first, for us, of

With March came our class dinner, the first, for us, of those formal yet festive occasions of speechmaking and stories. Excitement was added to the evening, however, by one of 1903's wild and woolly members, who held up a stray 1904 man with a loaded gun in true badman style. The immediate extinction of the 1903 delegate was only

prevented by locking the doors upon the howling mob of diners, while the amateur badman was carried off by one of his less belligerent classmates. It was learned later that the same band of conspirators thoughtfully hired hacks early in the evening to drive our President and toastmaster to a private room which had been provided for their reception. The conspirators even went so far as to drive around in person, but their hospitality was necessarily declined. Net result: Certain of the tribe of 1903 were out cab and room hire.

The next month or so we spent in spells of grinding and of going to see the large number of plays produced by the genii of the Institute in the year 1901. Then Technique came and was served out over a broken table to an excited crowd. The scene was a duplicate of the Tech lunch-room at one P. M. plus an increment of five hundred per cent more men. The class having in these various ways enjoyed a career of mild dissipation, there remained but one alternative, work. This we did with great success and 97.8 per cent [corrected for the personal equation] of the class passed the final exams, the remainder passed in their papers.

When 1904 returned the next fall after a strenuous vacation, strutted proudly around Roger's corridor and gazed patronizingly at the new Freshmen, we realized how far behind were those days when we raised our hands in recitation and took Thompson for a professor, and in so realizing patted ourselves upon the back. In this jovial mood we went to hear the little man with the oscillating head, and see him play with all kinds of pretty toys. Our enthusiasm sometimes carried us away, whereupon he would gently rebuke us for ten minutes in a mild whisper.

The class would then go to sleep and the little man would pursue his fifteen deductions from the action of a tin acrobat, without disturbance. Following our onward course we encountered our friend Arlo, he of the elegant diction and cutting sarcasm. But Arlo made a break or two, and was insulted at our presuming "to make merry," hence we continued to "make merry." Arlo gave an exam one day and announced that everyone having a notebook with him would be presented with an F, whereupon everybody endeavored to see how close they could throw their books to Arlo on the platform, making still more merry while Arlo made passes at the flying books. Our hopes of being permitted to make a prompt and orderly exit were blasted; the examination was vengeance enough.

■ Space does not permit the recording of the magnanimous spirit shown by our class in allowing the Freshmen to obtain a majority of the points in the first Technology Field Day. The lower class had manifested such unusual interest, having prepared several little ditties relative to their success, that had they met with defeat their hopes for the future would doubtless have been blasted. The tug-of-war we captured with ease, and a little longer race would have given us the relay, and with it a majority of the points, a result that our benevolent spirit would not

countenance.

After taking our second semi-annuals to assure the professors that there was no hard feeling, we spent the mid-year vacation solving Harry's latest puzzle known as the "Roll Slip." Our Sophomore year completed, we see in the dim distant future Junior week, and the greatest event of the year, Technique 1904.

Class of Nineteen Hundred and Four

(CONCLUDED)



COLORS

Red and Black

YELL

Nineteen-four M. I. T.

M - C - M I V

Naughty-four, Naughty-four

M. I. T.



Class of Nineteen Hundred and Three



Officers

LAWRENCE HARGREAVE LEE
. President

HEWITT CROSBY
First Vice-President

LOUIS WINFIELD ADAMS
Second Vice-President

CLAUDE PENDLETON NIBECKER

Secretary

JAMES FINTON DORAN

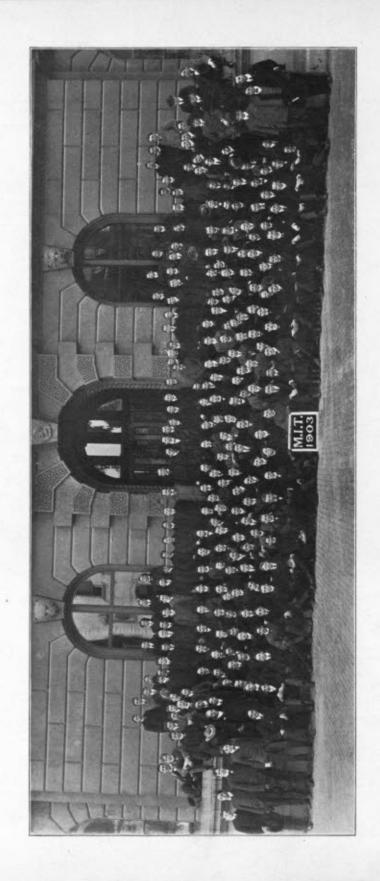
Treasurer

Board of Directors

FRANK GILBERT BABCOCK HORACE SINGER BAKER

Anstitute Committee

PAUL REVERE PARKER
LAWRENCE HOSMER UNDERWOOD



KEY TO CLASS PHOTOGRAPH - Numerically Arranged

1995 Crowell, H. C. 1995 Lenth, G. C. D. 1997 Harrigan, W. A. 1995 Clapp, G. H. 1995 Clapp, G. H. 1995 Davis, F. W. 1997 Wood, G. B. 1997 Kruss, R. L. 1998 Kruss, R. L. 1998 Kruss, R. L. 1998 Elmer, C. W. 2008 Sayms, G. B. 2018 Sayms, G. B. 2019 Sayms, G. B. 2019 Sayms, G. B. 2019 Sayms, G. B. 2019 Sayms, J. L. 2019 Miller, B. H. 2019 Miller, B. H. 2019 Miller, B. J. L. 2019 Sayms, A. H.	
deg Scholtes, A. J. deg McCornack, C. W. de Howard, J. W. for Howard, J. W. for Howard, J. W. for Rogers, R. H. for Calian, J. W. gran, C. Calian, J. W. gran, C. Calian, J. W. gran, C. A. gran, C. Calian, J. W. gran, C. C. gran, C. gran, C. gran, C. gran, C. C	
33 Giker, W. M. 34 Manham, R. F. 35 Manham, R. F. 36 Sherman, F. E. 37 Sherman, F. E. 38 Wastront, E. 39 Fales, H. H. 38 Nettleton, V. I. 39 Exton, R. W. 40 McMenimen, W. V. 44 O. McMenimen, W. V. 45 Kice, P. B. 44 Grifes, F. B. 44 Grifes, F. B. 44 Grifes, P. B. 45 Harris, G. M. 46 Fletcher, S. A. 48 Fletcher, S. A. 49 Pordes, E. D. 49 Pordes, E. 40 Mitchell, W. E. 45 Fletcher, S. A. 45 Fletcher, S. A. 45 Fletcher, S. A. 46 Fletcher, S. A. 47 Fletcher, S. A. 48 Fletcher, S. A. 49 Fletcher, S. A. 40 Fletcher, S. A. 41 Fletcher, S. B. 42 Smith, P. R. 43 Smith, P. R. 44 Swith, P. R. 45 Swith, P. R. 46 Swith, P. R. 46 Swith, P. R. 46 Swith, P. R.	** ** ** ** ** **
op Jordon, R. R. 10. Cox, F. C. 10. Webner, L. 10. Party, W. M. 10. Druty, W. M. 10. Druty, W. M. 10. Druty, W. M. 10. Backer, H. T. 10. Windbester, H. T. 10. Windbester, H. L. 10. Windbester, R. B. 11. Overland, R. B. 11. Togg, B. G. 11. Dooley, J. J. 11. Togg, B. G. 11. Overland, D. 11. Togg, B. G. 11. Smith, D. A. 11. Smith, A. S. 11. Smith, A. S. 11. Smith, A. S. 11. Smith, B. H. 11. Smith, B. H. 12. Capelland, G. C. 13. Valiquet, H. W. 14. Smith, D. A. 15. Capelland, G. C. 16. Smith, D. A. 17. Capelland, G. C. 18. Capelland, G. A. 19. Capelland, F. D.	The state of the s
ory Hanson, R. E. ory Green, C. F. To Dudley, H. H. To Dudley, H. H. Notes, H. S. To Notes, H. S. Notes, R. C. Notes, R. S. Notes, R. A. Notes, R. S. Notes, R.	The state of the s
34 Gillett, W. I., 35 Regestein, W. P., 36 Shaw, G. H., 38 Ochorn, H. S. Ochorn, H. S. Ochorn, H. S. Ochorn, J. E. H. Farnham, F. R. H. Farnham, F. R. G. H. Chase, C. E. A. Ergerton, C. O. 44 Harlow, J. E. 46 Silles, H. A. G. Shaw, J. E. 46 Silles, H. M. G. Shaw, F. S. J. Chase, C. E. H. A. Chase, C. E. H. A. Chase, C. E. H. A. Chase, J. E. 46 Silles, H. M. G. Chase, J. S. J. C. S. S. Bridges, J. S. Jr. 51 Roger, W. F. 52 Reiffers, J. S. Jr. 53 Reiffers, J. S. Jr. 53 Reiffers, J. S. Jr. 54 Palmer, R. 55 Reiffers, M. T. 55 Reiffers, M. T. 55 Reiffers, M. T. 55 Reiffers, M. T. 55 Reiffers, J. S. Jr. 56 Ferris, M. T. 57 Reiffers, J. S. Jr. 58 Blatt, H. O. 58 Blatt, H. O. 58 Blatt, H. O. 58 Blatt, A. B. 66 Allen, A. B. 66 Allen, A. B. 66 Allen, A. B. 66 Low, H. R. 66 White, E. W.	
Joyce, C. M. Rohan, R. W. Johnan, R. C. Rugher, R. H. Underwood, L. H. Adams, W. H. Solomon, B. D. Solomon, B. D. Cooper, C. H. Libbey, G. E. Libbey, G. E. Libbey, G. E. Rabcock, F. G. Rabcock, P. R. Rabcock, R. S. Rabcock, R. R. Rabcock, R.	

	KEY TO	TO CLASS PHOTOGRAPH-	TOGRAPH-	Alphabetically	Arranged	
Adams, L. W. Adams, W. H.	raz Capelle, G. C. por Cramichael, G. P.	4t Farnham, F. R.	S4 Harwood, L. M.	142 Lounsbury, W. C. 171 Loughlin, G. F.	180 Pelton, E. W. 87 Picard, D. C.	188 Smith, D. A. 188 Smith, J. M. 188 Smith, P. R.
Allen, A. B.	44 Chase, C. F.	25 Field, R. M.	315 Hepburn, A. H.	201 Lyon, J. L.	118 Pulsifer, H. B.	150 Smith, S. J.
Ancona, J. F.	ros Clapp, G. H.	1000	194 Hickok, H. M.	120 Magnitzki, A. L.	tog Rapp, L. B.	213 Sollier, W.
Atwood, I. F.	153 Clark, G. H.	os Fitzler, H.	147 Higgins, F. L.	132 Manahan, K. F.	og Reed, F. C.	of Stiles, H. A.
Avery, C. H.	S. Cahb, A. R.		6 Hood R. M.	47 Manson, G. B.	to Regan, J. W.	176 Summer, W. E.
R. D.	224 Comer. E. A.	214 Foster, S. A.	167 Howard, J. W.	116 Martin, A. S.		160 Swett, G. W.
L. P.	-	112 FORE, B. G.	94 Howes, R. H.		ati Reid, J. E.	rog Taylor, F. T.
Baker, H. S.	to Cooper, C. H.	218 Gaenslen, G. R.	83 Howes, S. P.		143 Rice, P. B.	yet Thompson, E. C.
Baker, S. K.	114 Copeland, D.	33 Gammons, J. M.	150 Humphrey, E. R.			20 Inwing, Len. L.
T.	47 Cox, C. B.	-		210 McIntosh, C. J.	183 Kobertson, w. F.	y Toulism, N. C.
Barnaby, G. A.	100 Cox, F. G.	32 Garcelon, G. H.	100 Jewett, N. Darb.		22 Rober W F	z Underwood, L. H.
Barrows, A. H.	of Crosby, F. B.	go Gilber W. M.	tofs Jones, I. R.	226 Merrill, H. C.		123 Valiquet, H. H.
Bateman, G. W.	223 Cross, W. P.	34 Gillett, W. L.	oo Jordon, R. R.		152 Rott, W. C.	135 Wastcoat, E.
Bates, C. L.	105 Crowell, H. C.	200 Gilson, J. L.	or Joseph, J. S.	146 Mitchell, W. E.	55 Ruxton, E. J.	40 Welsh, J. W.
Bay, W. J.		123 Gleason, G. H.	I Joyce, C. M.	227 Mohler, D. D.	og Sammet, C. F.	or Whiteomb W H
Bennett, A. F.	~,		78 Kautman, L. K.	71 Morse, H. S.	os Schlemm I. F.	66 White, E. W.
Beverstock, C. W.	200 Davis, F. W.	est Grav C. R.	120 Kehew, F. D.	sy Neal, C. A.	t Schmidt, C. A.	182 Whitehead, W.
Bradley, F. S.		65 Green, C. F.	30 Kershaw, G. E.	138 Nettleton, V. I.	163 Scholtes, A. J.	27 Whitmore, W.
Bradshaw, G. B.	10 Doran, J. F.	-	2 Kimball, A. W.	too Newman, R. R.	219 Schotheld, E. C.	110 Williams, R. B.
Breed, H.	127 Drake, H. P.		24 King, R. J.	15 Nibecker, C. P.	131 Scudder, O. F.	174 Wilson, D. S.
Bridges, J. S., Jr.	104 Drury, W. M.		203 Kruse, R. L.	216 Nields, B., Jr.	212 Sears, I. E.	107 Winchesler, H. L.
Brown, M., Jr.	70 Dudley, H. H.		74 Lage, R.	111 Norton, H. L.	204 Sevilla, C. B.	OO WING, W. L.
Bruton, A. W.	130 Eaton, R. W.		40 Lawton, K. M.		30 Shaw, U. H.	
. A.			23 Leathers, W. H.		25 Sheare, J. S.	Very D B
Buhler, H. W.	43 Exerton, C. O.	217 Hardenberg, C. M.	17 Lee, L. H.	35 Osborn, fit.		too action, the see
W. E.	205 Elmer, C. W.		11 Libbey G. E.	7.	St Simpson, H. G.	
Alman, J. W. J.		og Harris C. M	res Limbella F.			

Junior Class History

35



AR in the past, in some uncertain age,
This question asked they of a learned sage —
"What was Creation's aim?" Then answered he
"Creation was, that Naughty Three might be."

Great men are born, not made. Then who can blame When Naughty Three stands forth to bid for fame? Not manufactured works of wood or clay, But born to life, all in the same old way.

Momentous hour, when Bridges, man of worth,
First oped his eyes upon this waiting earth—
Prince of commanders, leader without peer,
Cæsar would envy, and Napoleon fear;
Or yet when Robertson, of solem mien,

Just for a prank dropped in upon the scene,
Two mighty college problems to assail:—
How not to do it, and how not to fail.
His record in the first is unsurpassed,
While Time will tell the story of the last.

Let these suggest the merits of the rest, For each of us is better than the best.

Three years ago, at fair September's close, O'er all the world a mighty tumult rose.

²⁵ Man cheered in echo to his brother man, As, child of Fate, Nineteen Naught Three began, As Rogers Building shook beneath our tread, The great reformers of our Mighty Dead Smiled in their sleep, as those who are content,

30 Who find their work crowned, and their life well-spent.

Yet history records,—O horrid shame, How our appearance varied from our name. That we should build a new world from the old A chance observer never would have told.

Thus ever-blinded are the eyes of men,
And only they of more than mortal ken
See in the tadpole the bewitching frog,
In the lean, ancient horse the luscious "dog."
But action, not appearance, fills our needs.

Let Purdy tell our looks, and me our deeds. First days at Tech are like a nightmare dim. It crazes some; there's Bridges, look at him. You stand in line, then ask of someone why You buy at Ridler's and at Mack's you buy.

45 Attendance cards you sign with lavish hand, Revise, repeat, correct and countermand. You write petitions with a speed that's rash, You file your bond, and then chip in your cash. Chipping and Filing,—proven farther on,—

Is thus a branch of dear old Pol. Econ. But all things end, yea, even exams in Heat, Though oftentimes they end but to repeat, And soon we learned to enter glibly — "Mem., A dollar beaker broke upstairs in Chem."

55 But while in whispers with our friends we talked, Each in his narrow cell securely locked, Or drew for Freehand Charles to beat the cars, That we might draw — not letters, nay, but stars, From day to day we planned how best to show

The greatest class that Tech will ever know. So now we planned a swift and sure campaign To beat the Sophs in battle with the cane. We met upon the field. The whistle blew, From hand to hand th' elusive spheroid flew.

In human pyramids we piled with grace, The Sophs, alas, being always at the base. Until the Bursar, fearing for his fees, Begged of the faithless umpire on his knees To save the Sophs from slaughter, adding he,
"Here's a half dollar, on the strict 'Q. T.'"
The lust of gold flamed in the umpire's breast.
He took the bribe, and History tells the rest.
The cane-rush followed. Sorry is my fate
That I a deed so cruel must relate.

They tried to run, we forced them back again.
Till time was called, and ended up the fun,
And thus, although we lost, 'twas we that won.

Next, Universal Freedom was our aim,

And military despots cursed our name.

How Hamilton recalls that fearful hour

When first we faced him in our awful power.

He proudly strode to the Assemby Hall,

When, hark, was that shrill cry the bugle's call?

And his poor heart grew strangely weak within. He heard the tramp of our tumultuous tread That, moving ever, never moved ahead. He saw upon the wall the circle dark

Where the swift bomb had left its fatal mark. He heard the braying of the wounded ass— Some luckless Soph dropped back into our class,— Heard the reports (which the reporters made), Then turned and fled, for he was sore afraid.

Some say that, when the weeks had rolled away,
We met in secret conclave, one sad day,
Owned we were sinful products of the dust,
Unworthy of respect or further trust,
Bowed to accurséd drill the humble knee,

Owned Hamilton as greater far than we—
Trust not such sayings. Pass the sayers by,
Or fell them to the ground, there let them lie.

Too much will surfeit even minds like ours, So now we deemed it wise to curb our powers.

We gently slept as Linus strove to state

"All in the book, just problem twenty-eight." We took verbatim notes as Nancy flew At lightning speed from China to Peru.

We watched amazed as Webster, cautious he,
Looked in the book to find out three times three.
We choked and coughed as Tommy, man of dread,
Showed colorless solutions green and red.
Till, mighty tool of Satan to annoy,
The awful Finals scattered all our joy.

And when the marks came, long awaited day, Some of us passed, and others passed away.

When four long months of heavenly ease were o'er, Some few of us returned to woo once more

With doubled vigor, the elusive C,

— Attractive myth, profoundest mystery.

With strong resolves we planned to die or do,
Lift the old burdens, and avoid the new.

Our great success is not for me to say.

True to our aims, we now assayed to show
That practice ever should with precept go,
And sought what means might in our power lie
Our military training to apply.

Some notable occasion was our need,
 So Pritchett came that we might thus succeed,
 For helping others is his happiness
 And his succession brought to us success.
 Well fit was he such power to command.

Trained was the mind, and doubly trained the hand. In him was joined, as one harmonious plan, The engineer, the ruler and the man. Fearless in right was he, as one who leads, Who understands mankind, and knows their needs,

And, not content in beaten paths to stay, Dares to advance, and open up the way. Bow, underclassmen, bow the thankful knee, You owe your President to Naughty Three. What tears he saved you from the Sophs assail

145 By class elections carried on by mail,

What joyous gatherings through him you gain Where milk and cake are plentiful as rain; We brought them all, and many more, to pass, We, the Forever—Greatest Junior Class.

When mighty men, their little speech to say, Stood eloquent in the Assembly Hall, And ratified him leader of us all,— When, like an army springing from the air,

Our mighty forces met,—our leader Pell,—
And shook the earth with shouts of "Tech is—..."
By our kind tolerance, far in the rear
The other classes ventured to appear.

Forward we marched at the appointed hour, And Harvard trembled, for they knew our power. By countless ways, where thousands stood to view, In steady file advancing, two and two, Or winding dizzily in sinuous line,

Triumphantly we marched in all our charms, And proved our training in the art of arms.

Halt was the call, and at the stern command

We drew in line before a mansion grand.

A doorway opened in the massive stone,
Our President appeared, yet not alone.
A moment paused, as wondering to hear
A thousand voices joined in cheer on cheer,
Gazed on our army in its grandeur spread,

The torches glaring with unearthly red,
The stifling smoke that ever seemed to flow,
Then blessed his fate that he was not our foe;
Spoke a few words of kind regards to greet,
Then, choked with smoke, was forced to make retreat.

Homeward we marched, as Cyrus marched of old, With great adventures, many still untold.
Through China wandered, when the lights were low, And wondered much, although we could not know.

Till by desertion thinned, our ranks declined,

— For sleep will quell the most adventurous mind —

Till only Robertson renounced his bed,

And stayed to paint the town a gory red.

Scarce had a month in studious toil been spent, When, with our previous triumph not content,

Again descending on the helpless town,
We marched with mirth and laughter up and down.
'Twas this sad night that, vilest deed of shame,—
The desecration of our Hall of Fame
By basest fiends was planned. No fouler deed

¹⁹⁵ Was ever by abandoned fiend decreed. On Walker Building steps — O sorry sight — The Harvard vandals gathered in their might, And, though their presence were itself a curse, Fair Harvard was their song. No song were worse.

Maddened with fury, on their ranks we sprang,
From hundred throats the college slogan rang.
Fierce raged the conflict. Not a man was spared.
Ask Cambridge doctors how the battle fared.

Such deeds were cruel. Next in turn we planned
Our great humanity to bring in hand.
One day, in Physics lecture, Charlie spread,—
Bending in graceful curves his shapely head,
Of which more later,— on the table nigh
A splendid catskin from his large supply.

He grasped it by the back with cruel hand,
And with a rod of glass to strike it planned.
With a loud, angry cry the class awoke,
Shouted in wrath, and hissed him as he spoke.
He bowed submission, gave us leave to go,

And out we filed, submissively and slow.

Scarce had the cat been rescued from the dead
When we decided that our lambs be fed.

With Robertson—experienced man—to lead,
We formed a pleasing program for the feed.

"Victorious Sophs," the grateful Freshmen cried.
"Victorious Robbie," humbly we replied.

From this point on our deeds of might were few. All had been done. What more remained to do? Entranced as by a vision we would sit

- 225 As Arlo sang to us in English Lit.

 Some few of us, by special favor blessed,
 Gained great acquaintance with the Blachstein jest—
 That highest form of wit to mortals given,
 Sent, as our names that make it, straight from heaven.

 230 The finals came and went. When these were o'er,
- We hurried gladly to our homes once more, Read our reports, nor wondered much to see P, L and F, F, FF and D.
- And bared our heads before the camera's power.

 Even then we thought of our approaching doom

 And saw the future joy beyond the tomb.

 Else why stood Doran gazing toward the sky
- And thus we stood to form a portrait rare,
 With but one lack, the co-eds were not there.
 'Tis not for me to tell of Junior Week.
- Seek ye the pages of this fair Technique.

 We graced the time as ne'er 'twas graced before,
 And life seemed valueless, when it was o'er.

 Yet, when the end came to our revelrie,
 We did not die, we did not have the fee.
- Unrivaled, unexcelled, we stand alone
 In all our greatness. What the future holds,
 Hid in Uncertainty's mysterious folds,
 Is not for us to say. We only know
- That, in life's course, our aim shall be to show That men and engineers can common be, True to the teachings of Technology.

Class of Nineteen Hundred and Three

(CONCLUDED)



COLORS

Blue and Gold

YELL

Naughty-three! three! three! Naughty-three! three! three! M. I. T.! Naughty-three!



Class of Nineteen Hundred and Two



Officers

HAROLD YOUNG CURREY

President

ROBERT VAUGHAN BROWN
First Vice-President

KENNETH LOCKETT Second Vice-President

FREDERICK HUSTON HUNTER

Secretary

CLYDE RICHMOND PLACE
Treasurer

Class Directors

STEPHEN AYRAULT GARDNER, Jr. EDSON THOMPSON POLLARD

Anstitute Committee

HENRY KEENE HOOKER
CHARLES EMMET McCARTHY

Senior Class History

%



HE Senior lay back in his Morris chair before the open fire. He was sleepy and reminiscent. He was looking back over his four years at the Institute, and was thinking how, on the twenty-ninth of September, the Class of 1902 were introduced to each other for the first time by Mr. Burrison. He could hear the voice calling out: "Ackerman, Adams,

Allbright, Allen, C. B., Allen, F. D., Ames, Annett, Appleton, Avery "... and so on through the list. ... He remembered many things of his Freshman year. ...

Suddenly it seemed that Mr. Burrison had beckoned to him, and that they had gone into the little glass-caged office together. Before him were many strange charts and formulæ posted on the walls. "This, young man," said Mr. Burrison, "is your future."

The Student looked—and whistled softly—softly, for he had learned of Mr. Burrison's passion for that sort of music.

(" Pray explain," said he.

Mr. Burrison took down a small bar of circular section, called a pointer, and began. "You have already met several of the difficulties that beset one on his journey from entrance exams to the dizzy heights of Applied Mechanics and Structures. You have encountered your first tabular views; you have filled them out wrongly; you have joined

the Y. M. C. A.; you have mistaken the honorable Mr. Wells for the presiding Deity, the Secretary, himself; you have met the Bursar and you have asked if the President's office is the place to hang your hat. You have, also, called the unoffending Mr. Brown, 'Freehand Charlie.' You have done all these things, and now I shall show you what you and your class will do, in time to come."

The Student winced.

"First will come your election with Lombard as the Conquering Achilles; after that will come the Cane Rush. Prof. Dewey has provided this chart. It will explain the system of counting points used in the game:

Freshman hands

Sophomore hands

Possible hands on the cane

By

Freshman hands counted

Sophomore hands counted

By

By

You will see its eminent fairness. Of course 1902 will lose. By this time you will be very much acclimated to the Institute.

You have stopped mistaking Seniors for Freshmen, you smoke cigarettes on Rogers' steps as proudly as though you had invented the art of smoking. You no longer regard Prof. Pope as anything more than mortal, and you view with complacency the initials of my junior colleague, Prof. Faunce, when he affixes them to your drawing plates. Thus you are becoming college men."

The Student listened incredulously. "And what's the next thing we do?" he asked.

(I"The next thing," said Mr. Burrison, "is the Military Drill Exhibition. The objections to this Drill will be many, but will be obliterated in *The Tech* by the Triumvirate of Lombard, Stillings and Hunter. Naturally with this backing, and with Hervey in command, the Drill will not

be a failure. The value of the discussion is given by Prof. Peabody by the formula,

$$pv. = p, v,$$

the characteristic equation for perfect gas."

"And our second year," asked the Student, "what of that?"
"That year will see you wearing loud-colored hose and smoking bull-dog pipes, patronizing the Plaza and the Old Elm, patting me on the back in a familiar manner, being amused and bored by Arlo and cursing Charlie Cross and second year Physics. That is the life of a Sophomore."

The Student shuddered. "Shall I not belong to the Y. M. C. A., then?" he asked.

Mr. Burrison coughed. "No," said he, gently, "you will not." . . .

(I "And this chart?" asked the Student.

"This represents your Technique election. These elections always move harmoniously:

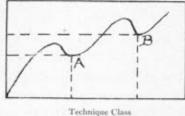
$$e = r \sin (\Theta + \delta)$$

you know, according to Prof. Peabody again. It will be, however, the sad finish of many a noble politician. Here is a very characteristic chart. Figuring for deflection:

$$\frac{1}{r} = \frac{-\frac{d^2 v}{dx^2}}{\left(1 + \left(\frac{dv}{dx}\right)^2\right)^{\frac{3}{2}}}$$

we have the points A and B on the curve. This is the curve

for one whom you will know as Kellogg." And Mr. Burrison passed his handkerchief over his eyes. . . "It is in these elections that Currey will first figure as a Napoleon of Class Politics. But not till the Senior year will he make himself President."



Election Election

("Wonderful," said the Student.

"After this you will have the last 1902 baseball season, and your star will go down in fog before the Freshmen. This will serve as a reminder of what is to come, when, in the last of May, you take your Physics exam."

(I "And my record?" asked the Student.

Will not be calculated by $C = \frac{E}{R}$," said Mr. Burrison,

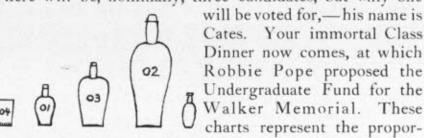
grimly.

"As Juniors, men of large experience, you will find yourselves in your third year well occupied with the profundities of Applied and Thermo, and, according to traditions, to affaires du cœour. You will no longer wear decorated stockings and smoke a bull-dog pipe, but you will look with commiseration upon Freshmen, and give yourself up to appreciating the eternal feminine."

"The Student looked at his philosopher, wonderingly. "Shall I do all that?" he asked. "And our elections?"

the Student said.

"You will have no elections for *President* that year. There will be, nominally, three candidates, but only one



tional enthusiasm over the scheme by the different classes. You see how 1902 leads."

(I "What does the little bottle represent?" queried the Student.

(I "That," said Mr. Burrison, "represents the Junior President's enthusiasm on that evening."

"When your fourth year comes," he continued, "you will come back and say, 'Where is my education?' and in eight months you will try to do the work of four years. In your elections, the world will be surprised at your making F. H. Hunter Secretary of your class. On coming back many changes will be noticed. Corp. Bailey, whom your class justly expected to count a member, as he had been a member of the classes of '98, '99, '00 and '01, and P. G. L. Hilken, he who had established the Cane Spree, will have left. As a Senior you begin to realize that what English training you received from Arlo is being obliterated by contact with the language of Prof. Lanza, and your self-respect, which was considerable in your second year, will be annihilated by the epithets of Prof. Swain."

I "This is a sad future," exclaimed the Student.

"More than this. In December the Faculty will begin to figure your record by the formula,

$$f = \frac{My}{I}$$

solving for the particular value of F you have attained."

("And our class-day officers?"

"Ask me no riddles," said Mr. Burrison impressively. "Here, however, is the chart of your graduation."

The Student looked up eagerly.

"Is my name there?" he started to say, but he looked and there was nothing there.

A coal fell from the grate to the hearth. The Senior started. His cigar had fallen from his fingers and had scattered its ashes over his vest. He looked at his watch. It was late.

("I must have slept," said he.

Class of Nineteen Hundred and Two

(CONCLUDED)



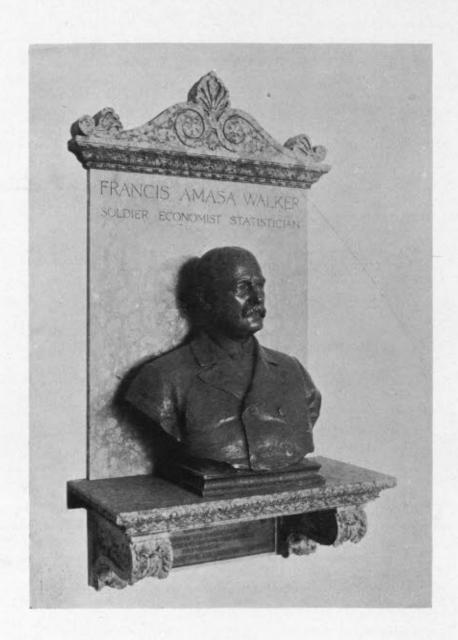
COLORS

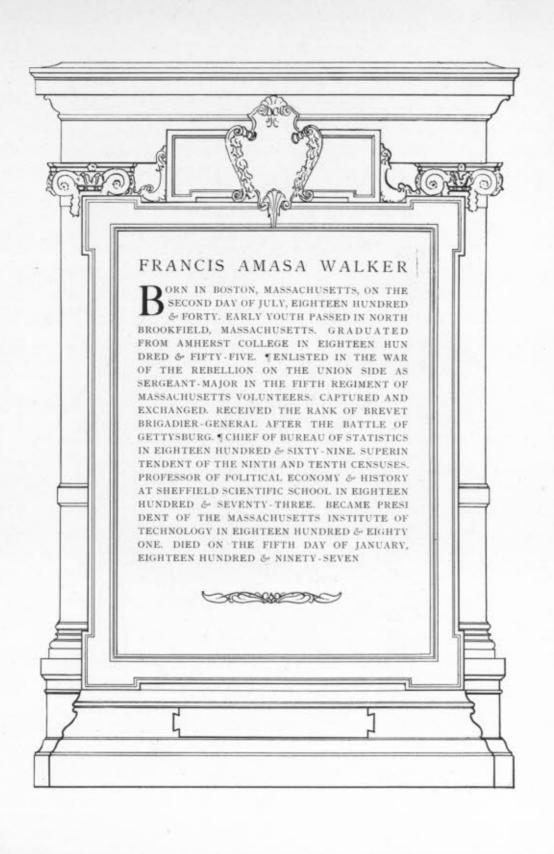
Blue and Silver Gray



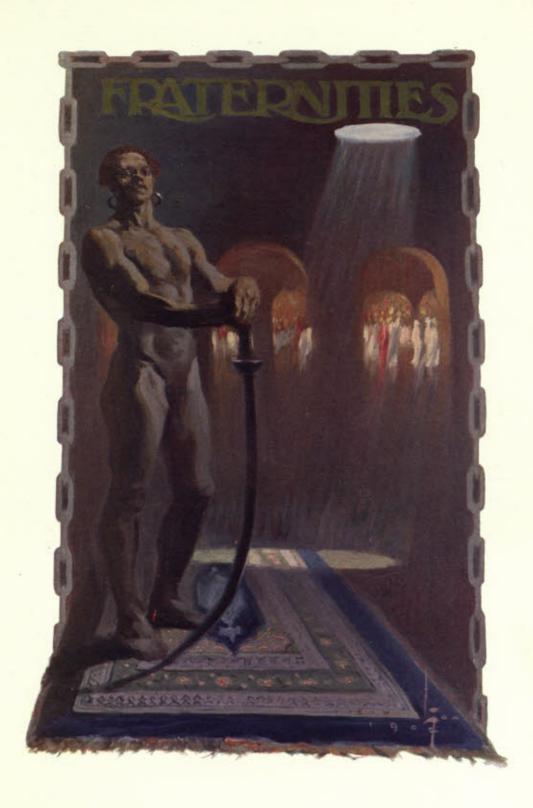
YELL

Naughty-two— Naughty-two
Rah, rah— Rah, rah!
Naughty-two— Naughty-two
Rah, rah— Rah, rah!
Who rah— Who rah
M—I—T— Naughty-two
Rah! Rah, rah!









Greek Letter Fraternities

AT THE

MASSACHUSETTS
INSTITUTE OF TECHNOLOGY

IN THE ORDER OF THEIR
ESTABLISHMENT



Sigma Chi

Chapter Roll

		Tonyior more	
1855	Gamma	Ohio Wesleyan University Delaware,	Ohio
1857	Eta	University of Mississippi Oxford, Mi	
1858	Lambda	Indiana University Blooming to	
1859	Xi	De Pauw University Greencastle	
1859	Omicron	Dickinson College Carlisle, Pa	
1859	Psi	University of Virginia Charlottesy	
1863	Alpha Chi	Pennsylvania State College State Colle	
1863	Theta	Pennsylvania College Gettysburg	
1864	Kappa	Bucknell University Lewisburg,	
1866	Zeta	Washington and Lee University . Lexington,	
1866	Rho	Butler University Irvington,	
1867	Mu	Denison University Grandville,	
1869	Omega	Northwestern University Evanston,	
1871	Chi	Hanover College Hanover, I	
1872	Sigma Sigma	Hampden-Sydney College Hampden-S	
1874	Gamma Gamma	Dandalah Massa Calland A LL A T	
1874	Delta Delta		
1876	Zeta Zeta	A A II	
1882	Zeta Psi		
1882	Alpha Gamma		
1882	Alpha Zeta	Ohio State University Columbus,	
1882	Alpha Theta	Beloit College Beloit, Wis	
1883	Alpha Epsilon	Mass. Institute of Technology . Boston, Ma	
1883		University of Nebraska Lincoln, Ne	
1883	Alpha Iota	Illinois Wesleyan University Bloomingto	
1884	Alpha Lambda	Wisconsin State University Madison, V	
100000000000000000000000000000000000000	Alpha Xi	University of Kansas Lawrence,	
1884	Alpha Nu	University of Texas Austin, Tex	A STATE OF THE STA
1886	Alpha Omicron	Tulane University New Orlean	
1886	Alpha Pi	Albion College Albion, Mic	
1886	Alpha Beta	University of California Berkeley, C	
1886	Alpha Rho	Lehigh University Bethlehem,	
1888	Alpha Sigma	University of Minnesota Minneapoli	s, Minn.
1889	Alpha Tau	University of North Carolina Chapel Hill	, N. C.
1889	Alpha Upsilon	University of Southern California Los Angele	s, Cal.
1890	Alpha Phi	Cornell University Ithaca, N.	Υ.
1892	Alpha Psi	Vanderbilt University Nashville,	Cenn.
1892	Alpha Omega	Leland Stanford Jr. University . Palo Alto, 6	Cal.
1893	Eta Eta	Dartmouth College Hanover, N	. H.
1893	Alpha	Miami University Oxford, Oh	io
1893	Alpha Alpha	Hobart College Geneva, N.	Y.
1893	Карра Карра	University of Illinois Champaign,	III.
1894	Lambda Lambda	Kentucky State College Lexington,	
1894	Nu Nu	Columbia College New York (
1894	Epsilon	Columbian University Washington	
1895	Mu Mu	West Virginia University Morgantown	
1095	Mu Mu	west virginia University Morgantowi	1, W. Va.

Chapter Roll - Continued

1896	Tau	Roanoke College	12		Salem, Va.
1896	Phi Phi	University of Pennsylvania.			Philadelphia, Pa.
1896	Xi Xi	Missouri State University .			Columbia, Mo.
1897	Omicron Omicron	University of Chicago		w	Chicago, Ill.
1897	Theta Theta	University of Michigan			Ann Arbor, Mich.



Sigma Chi

ALPHA THETA CHAPTER

Established March 22, 1882

#ratres

SIDNEY ATMORE CAINE HARRY BEAVER CANBY CHARLES STINCHFIELD COLE HARLE OREN CUMMINS JOHN CHARLES DALY WINTHROP DAHLGREN CHARLES WICKERSHAM ELMER LEROY BERNARD FAYMONVILLE THOMAS WITHERBEE FOOTE JAMES SMITH SHEAFE THEODORE VICTOR FOWLER, Jr. HAROLD WALTER SHERRILL THAVER PRESCOTT GATES

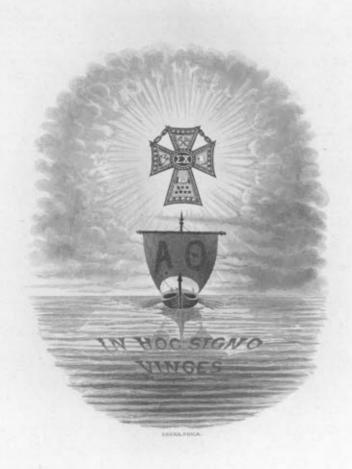
NORMAN FREDERICK KERR HERMAN WILLIAM LACKMANN LUCIUS BLAINE MCKELVEY EDGAR LUMLY MEYER MORTIMER LIVINGSTON NAGEL EDWIN COLVILLE REEDER WILLIAM CLEMENTS RINEARSON, Jr. HARRY HARDING RUSSELL CHARLES SIDNEY THOMAS THORNTON MERIWETHER GILMER EDWARD CUTTER THOMPSON

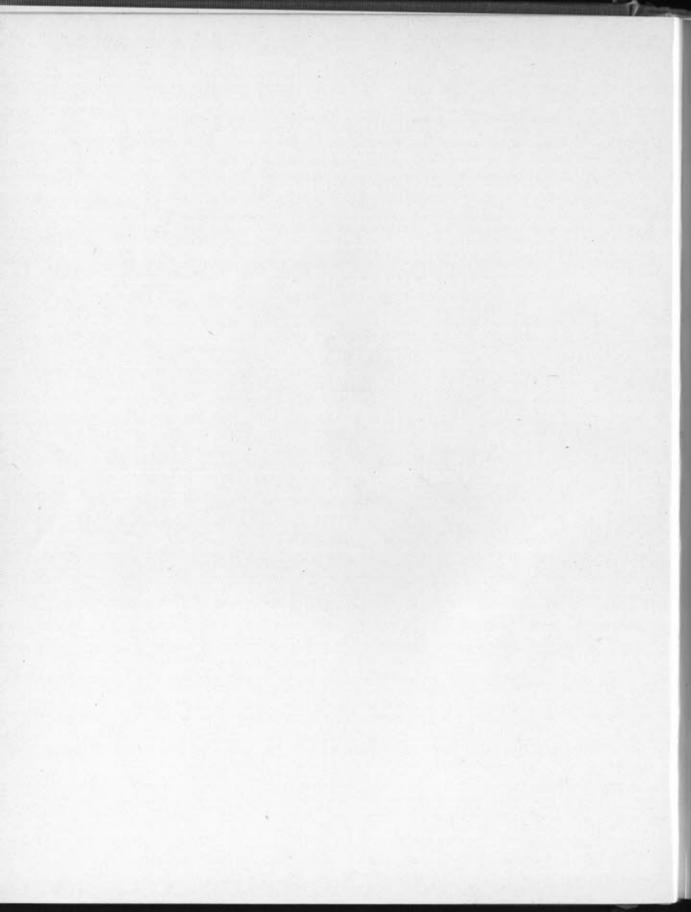
Fratres in Urbe

HERBERT TYLER BARDWELL Joseph Boss JOHN ANDREW CURTIN WILLIAM WORCESTER CUTLER JOHN ASHLEY HIGHLANDS Rhodes Greene Lockwood CHARLES EASTMAN LOCKWOOD LUCIUS SPALDING TYLER

CHARLES LATHAM NUTTER FARLEY OSGOOD CHARLES BODWELL PAINE FRANK PHINNEY FRANK LIVERMORE PIERCE CALVIN BARTON PRATT

EDWARD PAYSON WHITMAN





Theta Xi

Chapter Roll

A	Rensselaer Polytechnic Institute .	7				Troy, N.Y.
В	Sheffield Scientific School	100	3.5		4	New Haven, Conn
г	Stevens Institute of Technology .					Hoboken, N. J.
Δ	Massachusetts Institute of Technolo	gy .		2.1	4	Boston, Mass.
E	Columbia Schools of Engineering .		-			New York, N. Y.

Theta Xi

DELTA CHAPTER

Established 1885

#ratres

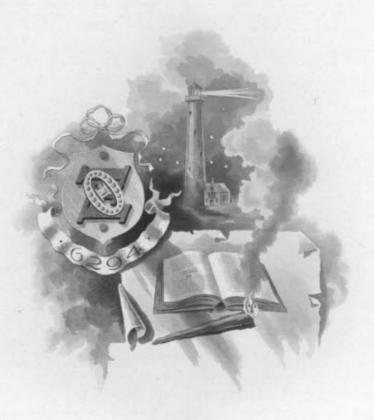
JOHN ROSS BATES
ERWIN FERDINAND BENDER
NORVEL HENDRIX COBB
HENRY ABBOTT FERRIN

FARLEY GANNETT
PAUL HANSEN
FRANCIS WILLARD PUCKEY
GEORGE MORTON SPEAR

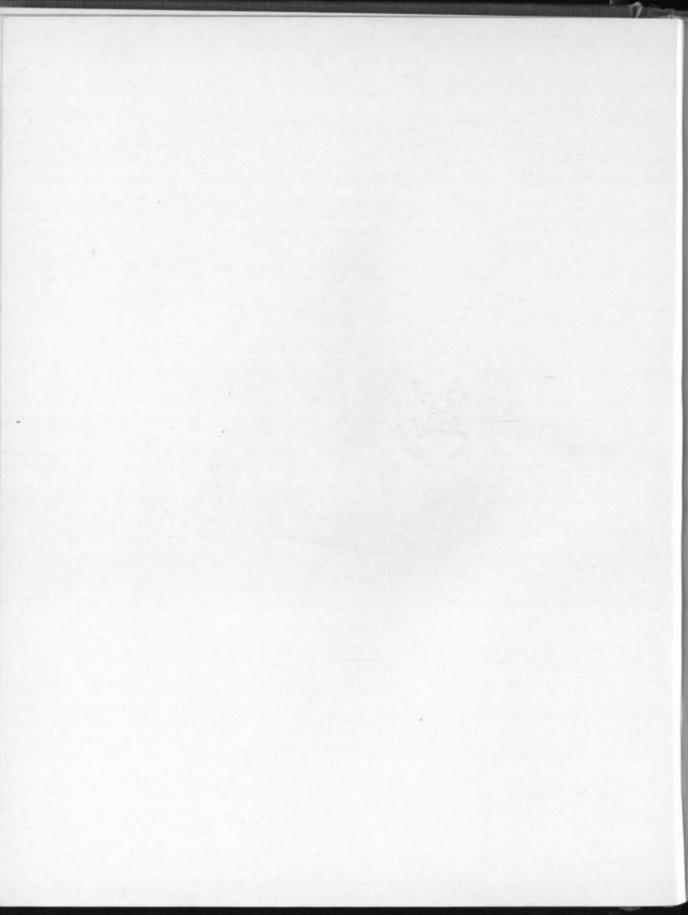
Fratres in Urbe

ARTHUR HUMPHREYS ALLEY
WILLIAM CORNELL APPLETON
ALBERT FARWELL BEMIS
ALFRED MILLARD BLINN
EDWARD LYMAN BROWN
HARRY ELLSWORTH CLIFFORD
MORTON EDDY COBB
HENRY JOHN CONANT
HENRY MARSHALL CROSBY
NATHAN BROWN DAY
FRANKLIN WHITNEY DOLIBER
JOHN COWPER EDWARDS
HORATIO SOUTHWORTH FRAZER

CHARLES HAVDEN
EDWARD JOHNSON, Jr.
FREDERICK WAIT LORD
HENRY ADAMS MORSS
HENRY GREENLEAF PEARSON
HERBERT STURGIS POTTER
JAMES HENRY REED, Jr.
CLIFFORD HOPKINS SHIVERS
TIMOTHY WILSON SPRAGUE
JOHN WATSON TARBOX
JAMES WINTHROP TEWKSBURY
WALTER BACON TROWBRIDGE
HARRY HAYWARD YOUNG



Denka, Phila-



Delta Psi

Chapter Roll

A	Columbia College .			72		- 60	1	New York City
Δ	University of Pennsylvania	ı			13			Philadelphia, Pa.
E	Trinity College						6	Hartford, Conn.
Λ	Williams College .							Williamstown, Mass
φ	University of Mississippi	1			4		1	Oxford, Miss.
Υ	University of Virginia					25		Charlottesville, Va.
Σ								New Haven, Conn.
T	Massachusetts Institute of	Tec	hnolo	gy				Boston, Mass.

Delta Psi

TAU CHAPTER

Fratres

RENSHAW BORIE	RUSSELL BRYANT LOWE
MELVILLE BRYANT BOWMAN	CHARLES JEWELL McIntosh
Louis Gustave Bonscaren	CHARLES GALLOUPE MIXTER
HARCOURT WESSON BULL	WILLIAM JASON MIXTER
FINDLEY BURNS	BENJAMIN NIELDS, Jr.
HARRY WALKER DONALD	TEMPLIN MORRIS POTTS
BERTRAM WM. BATCHELDER GREENE	Andrew Eliot Ritchie
John Lawrence Gilson	HANS FREDERICK SCHAEFER
THEODORE PHINNEY HENDERSON	CHARLES STILLMAN SPERRY, Jr.
Andrew Hopewell Hepburn	EDWARD THOMAS STEEL, 2d
CHARLES WETMORE KELLOGG, Jr.	James Lockerman Taylor, Jr.
Robert E. Lei	E TAYLOR, Y

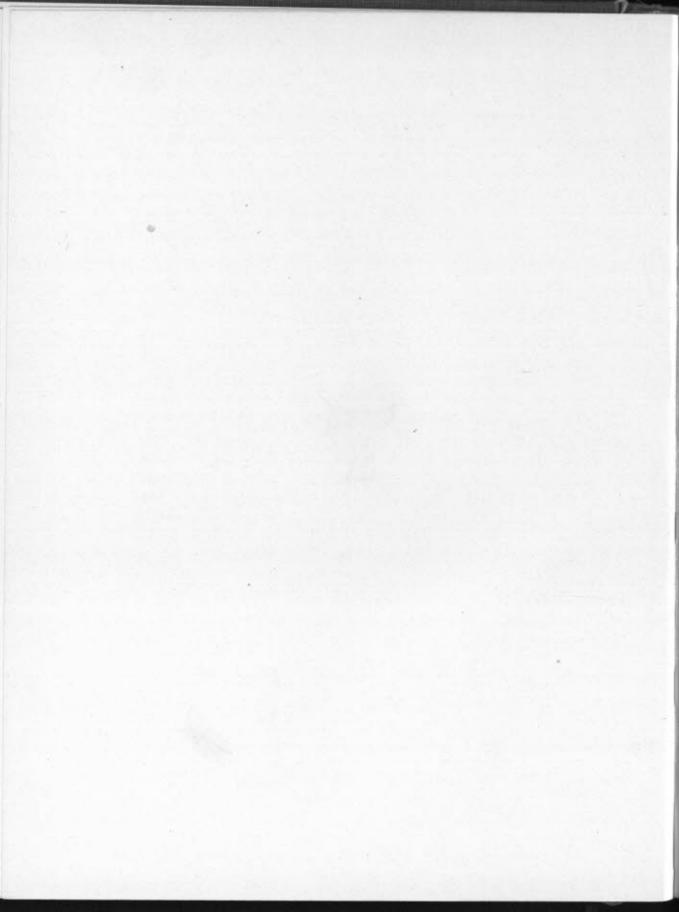
Chapter House

6 Louisburg Square



46

Jimeton.



Chi Phi

University of Virginia			12	Charlottesville, Va.
				Boston, Mass.
Emory College		-		Oxford, Ga.
Rutgers College		- 3	1	New Brunswick, N. J.
Hampden-Sydney College				Hampden-Sydney, Va.
				Lancaster, Pa.
University of Georgia			100	Athens, Ga.
Rensselaer Polytechnic Institute .				Troy, N. Y.
				Columbus, Ohio
				Berkeley, Cal.
Stevens Institute of Technology .			14	Hoboken, N. J.
University of Texas				Austin, Texas
				Ithaca, N. Y.
Sheffield Scientific School, Yale Univ	ersity			New Haven, Conn.
Lafayette College		1		Easton, Pa.
Wofford College			18.5	Spartanburg, S. C.
Amherst College			5.60	Amherst, Mass.
Lehigh University	12		7.0	South Bethlehem, Pa.
	Massachusetts Institute of Technolog Emory College Rutgers College Hampden-Sydney College Franklin and Marshall College University of Georgia Rensselaer Polytechnic Institute Ohio State University University of California Stevens Institute of Technology University of Texas Cornell University Sheffield Scientific School, Yale Univ Lafayette College Wofford College Amherst College	Massachusetts Institute of Technology Emory College Rutgers College Hampden-Sydney College Franklin and Marshall College University of Georgia Rensselaer Polytechnic Institute Ohio State University University of California Stevens Institute of Technology University of Texas Cornell University Sheffield Scientific School, Yale University Lafayette College Wofford College Amherst College	Massachusetts Institute of Technology Emory College Rutgers College Hampden-Sydney College Franklin and Marshall College University of Georgia Rensselaer Polytechnic Institute Ohio State University University of California Stevens Institute of Technology University of Texas Cornell University Sheffield Scientific School, Yale University Lafayette College Wofford College Amherst College	Massachusetts Institute of Technology Emory College Rutgers College Hampden-Sydney College Franklin and Marshall College University of Georgia Rensselaer Polytechnic Institute Ohio State University University of California Stevens Institute of Technology University of Texas Cornell University Sheffield Scientific School, Yale University Lafayette College Wofford College Amherst College

Chi Phi

BETA CHAPTER

Fratres

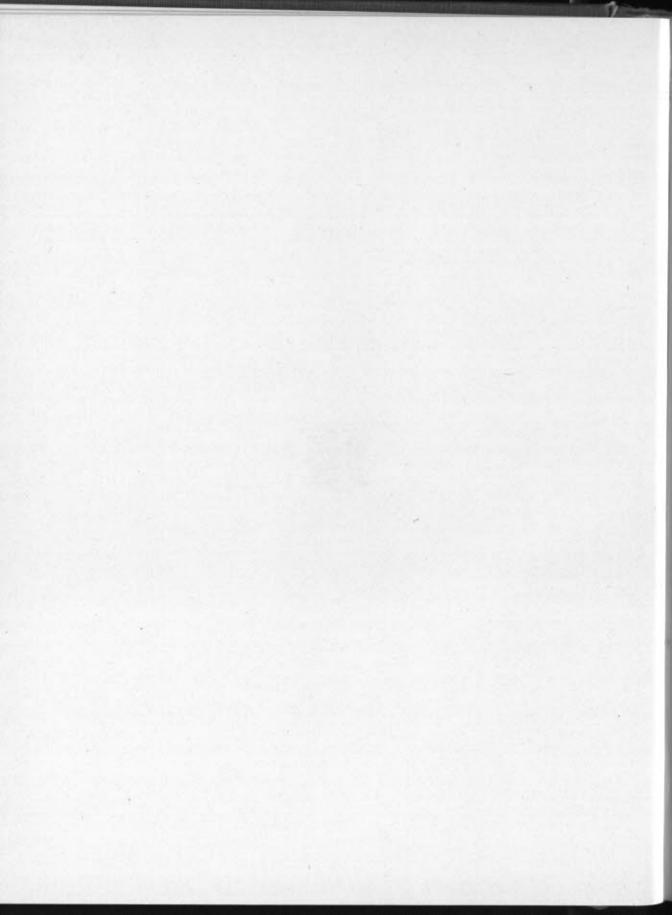
ALLEN LANSING APPLETON
CARL THOMPSON BILVEA
HOWARD BREED
GEORGE BRIGHT, Jr.
LOUIS SHATTUCK CATES
HENRY KENT CHAPIN
WALTER LORRAIN COOK
FRANCIS WOODWARD DAVIS
NEIL DAVIS EMERSON
MORTIMER YALE FERRIS
ROBERT STAVELY HAMILTON
EDWIN BRUCE HILL
JOHN HAMPDEN HOLLIDAY, Jr.

CHARLES LOWELL HOMER
EDWARD ROWLAND HUMPHREYS
HARRY GEORGE KOCH
SILAS CLARENCE MERRICK
JAMES GARRISON METCALFE
SAMUEL ALFRED MCCLUNG
THEODORE PARKER MOOREHEAD
HENRY AUGUSTUS PEMBERTON
GEORGE HARDY POWELL
EDWIN LAWRENCE SMITH
PHILIP REEDER SMITH
EDWIN WHITMAN STURTEVANT
MILFORD WERTHEIMER

Chapter House

. . 261 Newbury Street





Delta Kappa Epsilon

Phi	Yale University					1.	1	1844
Theta							10	1844
Xi	Colby University		×					1845
Sigma	A 1 C . 11							1846
Gamma	Vanderbilt University .							1847
Psi	University of Alabama .			40		2		1847
Upsilon	Brown University			4.				1850
Chi	University of Mississippi							1850
Beta	University of North Carolina							1851
Eta	University of Virginia .							1852
Kappa	Miami University							1852
Lambda	Kenyon College						1	1852
Pi	Dartmouth College .							1853
Iota	Central University of Kentuc	ky						1854
Alpha Alpha	Middlebury College .			40			114	1854
Omicron								1855
Epsilon	********					1		1855
Rho	1 / 0 0 11							1855
Tau	77 71 72 71							1856
Mu								1856
Nu	College of the City of New Y						1347	1856
Beta Phi	University of Rochester					8	500	1856
Phi Chi							115	1861
Psi Phi								1866
Gamma Phi	Wesleyan University .				177			1867
Psi Omega								1867
Beta Chi			13					1868
Delta Chi	Cornell University							1870
Delta Delta	Chicago University .							1870
Phi Gamma	Syracuse University .							1871
Gamma Beta	C 1 11 C 11							1874
Theta Zeta	University of California							1876
Alpha Chi	Trinity College							1879
Phi Epsilon	University of Minnesota							1889
Sigma Tau	Massachusetts Institute of T							1890
Tau Lambda	Tulane University							1898
Alpha Phi	University of Toronto .							1898
Delta Kappa	University of Pennsylvania					1.5	101	1899
Tau Alpha	McGill University				100		3	1901
Sigma Rho	Leland Stanford Jr. Universi							1902
	The second secon	100						

Delta Kappa Epsilon

SIGMA TAU CHAPTER

Established 1890

Fratres in Facultate

Alfred Edgar Burton

GEORGE VINCENT WENDELL

fratres

CHARLES WALDO ADAMS
CHARLES LYMAN ANSON
SIDNEY YOUNG BALL
JOHN FORD CARD
DAVID ELWELL.
CHARLES JOSEPH EMERSON
HENRY CALLENDER FIELD
JOHN CLYDE FRUIT
EDWARD CHESTER GRANT
GALEN MOSES HARRIS
PHILIP EDWARD HINKLEY
ROBERT RISHWORTH JORDAN
ALBERT EATON LOMBARD

NORMAN LOMBARD
MITCHELL MACKIE
HERBERT SCHAW MAY
ANDREW OTTERSON MILLER
BLAINE HESTON MILLER
ARTHUR SMITH MORE
WALDRON PAGE SCHUMACHER
CHARLES ALFRED SMITH
PRESTON MORRIS SMITH
PERCY ALEXANDER STAPLES
CLARANCE BENTON WILLIAMS
AUSTIN CLARENCE WOOD
GEORGE BABCOCK WOOD

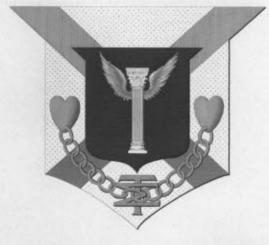
Fratres in Urbe

WILLIAM STUART FORBES HENRY ORLANDO MARCY, Jr.
FREDERIC WILLIAM FREEMAN LEONARD METCALF
ISAAC BREWSTER HAZELTON BENJAMIN FRANKLIN WINSLOW RUSSELL
WALTER HUMPHREYS MAURICE DE KAY THOMPSON
ALLEN WINCHESTER JACKSON JOHN ALDEN TROTT

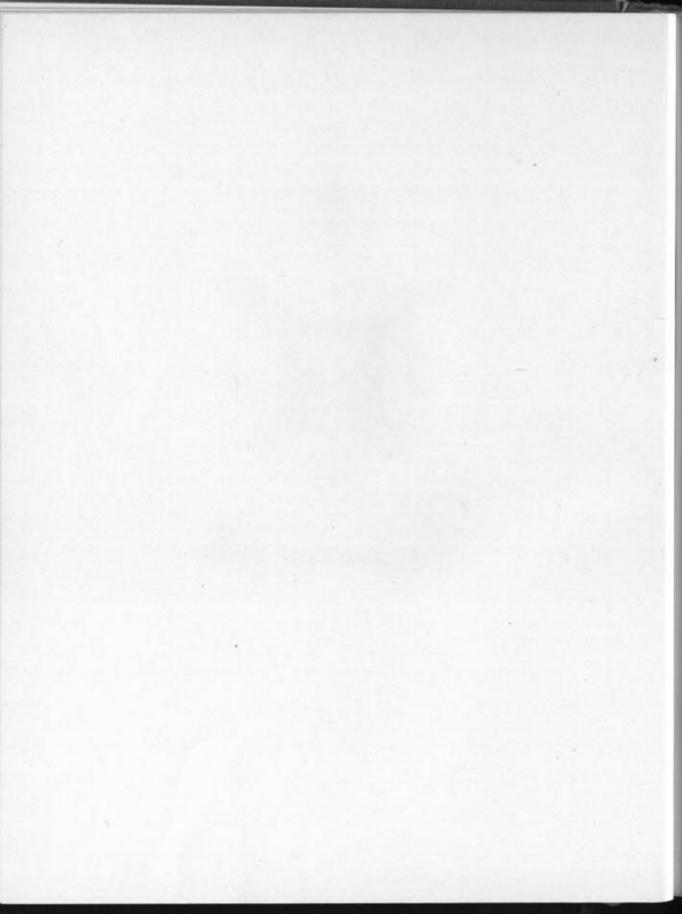
Chapter House

. . . 215 Newbury Street









Phi Beta Epsilon

%

LOCAL AT TECHNOLOGY

Phi Beta Epsilon

Founded in 1890

Fratres

LOUIS WINFIELD ADAMS
ELBRIDGE GERRY ALLEN
HARRY NELSON ATWOOD
FRANCIS BRADLEY
JAMES SALISBURY BROWN
JOHN TYRRELL CHENEY
EDGAR BAILEY COOPER
FULTON CRARY
JOHN LEE CURTISS
RICHARD BAKER DERBY
WALTER HAVENS FARMER
RICHARD MANNING FIELD
RALPH STOWELL FRANKLIN

RICHARD LINCOLN FROST
ERNEST HARRAH
RICHARD MACK LAWTON
CLARENCE ARTHUR LORD
RICHARD OGLESBY MARSH
FRANK KOLLOCK MITCHELL
ALBERT MANTON READ
BERTRAM ALLEN RICHARDSON
WALTER FREDERICK ROPER
CHARLES ADRIAN SAWYER, Jr.
GEORGE ENGELMANN TURNER
JOHN BICE TURNER
HENRY THORNTON WINCHESTER

Fratres in Urbe

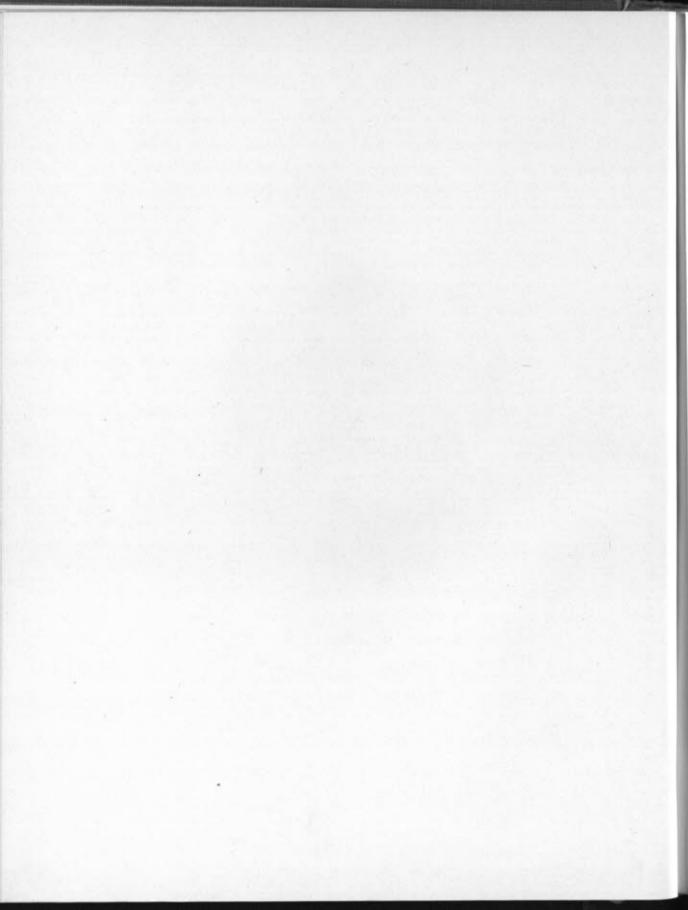
GEORGE R. ANTHONY
STEPHEN BOWEN
PAUL E. CHALIFOUX
HENRY FISK
SUMNER H. FOSTER
ANDREW D. FULLER
DU RELLE GAGE
DAVID E. GRAY
GEORGE W. HAYDEN

SHELDON LEAVITT HOWARD HARRY G. JOHNSON GEORGE W. F. REED THOMAS P. ROBINSON RALPH E. SAWYER WALTER M. STEARNS WILLIAM THALHEIMER J. GIFFORD THOMPSON CHARLES A. WATROUS

WILLIAM E. WEST



Droken Dhiles



Delta Upsilon

Founded at Williams College, 1834

1838 Union Schenectady, N. Y. 1847 Hamilton Clinton, N. Y. 1847 Amherst Amherst, Mass. 1847 Adelbert Cleveland, Ohio 1852 Colby Waterville, Me. 1852 Rochester N. Y. 1856 Middlebury Vt. 1857 Bowdoin Brunswick, Me. 1858 Rutgers New Brunswick, N. J. 1860 Brown Providence, R. I. 1865 Colgate Hamilton, N. Y. 1865 New York New York City 1869 Cornell Ithaca, N. Y. 1870 Marietta Marietta, Ohio 1873 Syracuse Syracuse, N. Y. 1876 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Lehigh South Be		Williams .								Williamstown, Mass.
1847 Hamilton Clinton, N. Y. 1847 Amherst Amherst, Mass. 1847 Adelbert Cleveland, Ohio 1852 Colby Waterville, Me. 1852 Rochester Rochester, N. Y. 1856 Middlebury Middlebury, Vt. 1857 Bowdoin Brunswick, Me. 1858 Rutgers New Brunswick, M. J. 1860 Brown Providence, R. I. 1865 Colgate Hamilton, N. Y. 1865 New York New York City 1860 Cornell Ithaca, N. Y. 1870 Marietta Marietta, Ohio 1873 Syracuse Syracuse, N. Y. 1874 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Columbia New York City 1885 Lehigh	1834				3.5		2.			
1847 Amherst Amherst, Mass. 1847 Adelbert Cleveland, Ohio 1852 Colby Waterville, Me. 1852 Rochester Rochester, N. Y. 1856 Middlebury Middlebury, Vt. 1857 Bowdoin Brunswick, Me. 1858 Rutgers New Brunswick, N. J. 1860 Brown Providence, R. I. 1865 New York New York City 1865 New York New York City 1869 Cornell Ithaca, N. Y. 1870 Marietta Marietta, Ohio 1873 Syracuse Syracuse, N. Y. 1876 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Northwestern Evanston, Ill. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 <td< td=""><td>0.05/30/00</td><td>** **</td><td></td><td>- 5</td><td>20</td><td>1</td><td>**</td><td></td><td></td><td></td></td<>	0.05/30/00	** **		- 5	20	1	**			
1847 Adelbert Cleveland, Ohio 1852 Colby Waterville, Me. 1852 Rochester Rochester, N. Y. 1856 Middlebury Middlebury, Vt. 1857 Bowdoin Brunswick, Me. 1858 Rutgers New Brunswick, N. J. 1860 Brown Providence, R. I. 1865 Colgate Hamilton, N. Y. 1865 New York New York City 1869 Cornell Ithaca, N. Y. 1870 Marietta Marietta, Ohio 1873 Syracuse Syracuse, N. Y. 1876 Michigan Ann Arbor, Mich. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison 1885 Lafayette Easton, Pa. 1885 Lafayette Easton, Pa. 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvan			10						2	2014 TO 100 TO 1
1852 Colby Waterville, Me. 1852 Rochester Rochester, N. Y. 1856 Middlebury Middlebury, Vt. 1857 Bowdoin Brunswick, Me. 1858 Rutgers New Brunswick, N. J. 1860 Brown Providence, R. I. 1865 Colgate Hamilton, N. Y. 1865 New York New York City 1869 Cornell Ithaca, N. Y. 1870 Marietta Marietta, Ohio 1873 Syracuse Syracuse, N. Y. 1874 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Lafayette Easton, Pa. 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 P					10	1				
1852 Rochester Rochester, N. Y. 1856 Middlebury Middlebury, Vt. 1857 Bowdoin Brunswick, Me. 1858 Rutgers New Brunswick, N. J. 1860 Brown Providence, R. I. 1865 Colgate Hamilton, N. Y. 1865 New York New York City 1869 Cornell Ithaca, N. Y. 1870 Marietta Marietta, Ohio 1873 Syracuse Syracuse, N. Y. 1876 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Lehigh South Bethlehem, Pa. 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1889 Pennsylvania Philadelphia, Pa. 1891 <td>7.5</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td>2</td> <td></td> <td></td>	7.5			-				2		
1856 Middlebury Vt. 1857 Bowdoin Brunswick, Me. 1858 Rutgers New Brunswick, N. J. 1860 Brown Providence, R. I. 1865 Colgate Hamilton, N. Y. 1865 New York New York City 1860 Cornell Ithaca, N. Y. 1870 Marietta Marietta, Ohio 1873 Syracuse Syracuse, N. Y. 1876 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Lafayette Easton, Pa. 1885 Lehigh South Bethlehem, Pa. 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Min						4	2.5			
1857 Bowdoin Brunswick, Me. 1858 Rutgers New Brunswick, N. J. 1860 Brown Providence, R. I. 1865 Colgate Hamilton, N. Y. 1865 New York New York City 1869 Cornell Ithaca, N. Y. 1870 Marietta Marietta, Ohio 1873 Syracuse Syracuse, N. Y. 1876 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Lehigh New York City 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1895	1852	Rochester .	1			4		4		
1858 Rutgers New Brunswick, N. J. 1860 Brown Providence, R. I. 1865 Colgate Hamilton, N. Y. 1865 New York New York City 1865 New York New York City 1869 Cornell Ithaca, N. Y. 1870 Marietta Marietta, Ohio 1873 Syracuse Syracuse, N. Y. 1876 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Lehigh New York City 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1895	1856	Middlebury				1		0		
1860 Brown Providence, R. I. 1865 Colgate Hamilton, N. Y. 1865 New York New York City 1869 Cornell Ithaca, N. Y. 1870 Marietta Marietta, Ohio 1873 Syracuse Syracuse, N. Y. 1876 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Lehigh South Bethlehem, Pa. 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1898	1857	Bowdoin .		36	-	8				Brunswick, Me.
1865 Colgate Hamilton, N. Y. 1865 New York New York City 1869 Cornell Ithaca, N. Y. 1870 Marietta Marietta, Ohio 1873 Syracuse Syracuse, N. Y. 1876 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Columbia New York City 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1898 Nebraska Lincoln, Neb. 1898	1858	Rutgers .						4		New Brunswick, N. J.
1865 New York New York City 1869 Cornell Ithaca, N. Y. 1870 Marietta Marietta, Ohio 1873 Syracuse Syracuse, N. Y. 1876 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Columbia New York City 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1898 Nebraska Lincoln, Neb. 1898 McGill Montreal, Canada	1860	Brown .				16		14	200	Providence, R. I.
1869 Cornell Ithaca, N. Y. 1870 Marietta Marietta, Ohio 1873 Syracuse Syracuse, N. Y. 1876 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Columbia New York City 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1896 Leland Stanford, Jr. Palo Alto, Cal. 1898 McGill Montreal, Canada	1865	Colgate .								Hamilton, N. Y.
1870 Marietta Marietta, Ohio 1873 Syracuse Syracuse, N. Y. 1876 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Columbia New York City 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1896 Leland Stanford, Jr. Palo Alto, Cal. 1898 McGill Montreal, Canada	1865	New York .								New York City
1873 Syracuse Syracuse, N. Y. 1876 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Columbia New York City 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1895 Leland Stanford, Jr. Palo Alto, Cal. 1898 Nebraska Lincoln, Neb. 1898 McGill Montreal, Canada	1869	Cornell .				,			4	Ithaca, N. Y.
1873 Syracuse Syracuse, N. Y. 1876 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Columbia New York City 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1895 Leland Stanford, Jr. Palo Alto, Cal. 1898 Nebraska Lincoln, Neb. 1898 McGill Montreal, Canada	1870	Marietta .								Marietta, Ohio
1876 Michigan Ann Arbor, Mich. 1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Columbia New York City 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1896 Leland Stanford, Jr. Palo Alto, Cal. 1898 Nebraska Lincoln, Neb. 1898 McGill Montreal, Canada		Syracuse .						-		
1880 Northwestern Evanston, Ill. 1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Columbia New York City 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1895 Leland Stanford, Jr. Palo Alto, Cal. 1898 Nebraska Lincoln, Neb. 1898 McGill Montreal, Canada						-	-		- 3	
1880 Harvard Cambridge, Mass. 1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Columbia New York City 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1895 Leland Stanford, Jr. Palo Alto, Cal. 1898 Nebraska Lincoln, Neb. 1898 McGill Montreal, Canada	100000			1	-		- 1			
1885 Wisconsin Madison, Wis. 1885 Lafayette Easton, Pa. 1885 Columbia New York City 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1895 Leland Stanford, Jr. Palo Alto, Cal. 1898 Nebraska Lincoln, Neb. 1898 McGill Montreal, Canada	1880	Harvard .								Cambridge, Mass.
1885 Lafayette Easton, Pa. 1885 Columbia New York City 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1895 Leland Stanford, Jr. Palo Alto, Cal. 1898 Nebraska Lincoln, Neb. 1898 McGill Montreal, Canada	1885	Wisconsin .						14		
1885 Columbia New York City 1885 Lehigh South Bethlehem, Pa. 1886 Tufts West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1895 Leland Stanford, Jr. Palo Alto, Cal. 1898 Nebraska Lincoln, Neb. 1898 McGill Montreal, Canada	-0.00	Lafavette .								
1885 Lehigh South Bethlehem, Pa. 1886 Tufts. West Somerville, Mass. 1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1895 Leland Stanford, Jr. Palo Alto, Cal. 1898 Nebraska Lincoln, Neb. 1898 McGill Montreal, Canada										
1886 Tufts . West Somerville, Mass. 1887 De Pauw . Greencastle, Ind. 1888 Pennsylvania . Philadelphia, Pa. 1890 Minnesota . Minneapolis, Minn. 1891 Technology . Boston, Mass. 1894 Swathmore . Swathmore, Pa. 1895 California . Berkeley, Cal. 1895 Leland Stanford, Jr Palo Alto, Cal. 1898 Nebraska . Lincoln, Neb. 1898 McGill . Montreal, Canada		Lehigh .								
1887 De Pauw Greencastle, Ind. 1888 Pennsylvania Philadelphia, Pa. 1890 Minnesota Minneapolis, Minn. 1891 Technology Boston, Mass. 1894 Swathmore Swathmore, Pa. 1895 California Berkeley, Cal. 1895 Leland Stanford, Jr. Palo Alto, Cal. 1898 Nebraska Lincoln, Neb. 1898 McGill Montreal, Canada	The state of the state of					7.2				
1888 Pennsylvania	1887	De Pauw				88				
1890 Minnesota		Pennsylvani	ia	113	- 6	-0	39	15		발전기업에 시간 전에 발표하다 (PEC NOT CONTINUED TO CONTINUED TO CONTINUED TO CONTINUED TO CONTINUE TO CONTIN
1891 Technology							- 10	19		1 1 2 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1894 Swathmore				- 83						
1895 California		40.4								
1895 Leland Stanford, Jr										
1898 Nebraska Lincoln, Neb. 1898 McGill	1000		the second second							
1898 McGill Montreal, Canada										
			*	1	***		,			
1009 Toronto, Canada		777			4.5		*	*		
	1099	Toronto .		18	*	*		. *	*	rotonto, Canada

Delta Upsilon

TECHNOLOGY CHAPTER

Established 1801

Fratres in Facultate

FRANK VOGEL

Louis Derr

fratres -

JOSEPH WHEELER AYLSWORTH LOUIS BALLAUF RAPP FRANKLIN SAWYER BRADLEY CLAUDIUS HOWARD COOPER VALDEMAR FRANK HOLMES GEORGE TAYLOR HYDE -JAMES DUANE IRELAND ROBERT LOUIS KRUSE PAUL HELME LAZENBY WM. DUFFIELD BELL MOTTER, Ir. HUBERT MERRYWEATHER ROBERT PORTER NICHOLS REDFIELD PROCTOR, Jr.

CHARLES LORING RODGERS GARDNER ROGERS FRANKLIN TINKER ROOT GEORGE TILLEY SEABURY GEORGE BEACH SEYMS CHARLES HAMILTON SISSON SIDNEY TALBOT STRICKLAND EVERETT PENDLETON TURNER HOWARD CHUBBUCK TURNER WALDSO TURNER HARRY WARREN UPHAM

Fratres in Urbe

Joshua Atwood, 3d MAURICE LE BASOUE WARREN IRA BICKFORD George Phillips Dike CHARLES DUNN CHARLES WARREN HAPGOOD ALBERT LINCOLN KENDALL ARTHUR SAMUEL KEENE WILLIS TAYLOR KNOWLTON

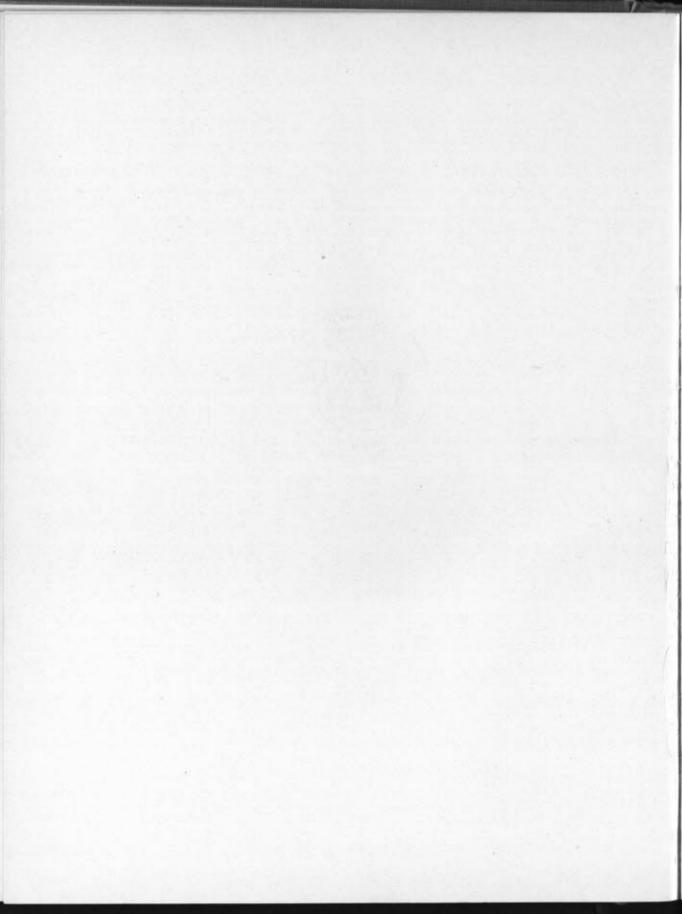
JOHN WINSLOW HORR WALTER ELBRIDGE PIPER THOMAS GLEASON RICHARDS MILES STANDISH RICHMOND FRANK CUMMINS SHEPHERD CLIFFORD MELVILLE SWAN ALFRED BALL TENNEY WILLIAM CORTELYOU WHISTON Alfred Edwards Zapf

Chapter House

264 Newbury Street



Direko, Phila.



Sigma Alpha Epsilon Founded in 1856 at Alabama State University, Tuscaloosa, Alabama

	Coapter
Maine Alpha	University of Maine
Mass. Iota Tau	Mass. Institute of Te
Mass. Beta Upsilon	Boston University
Mass. Gamma	Harvard University
Mass. Delta	Worcester Polytechn
N. Y. Alpha	Cornell University
N. Y. Mu	Columbia University
N. Y. Mu N. Y. Sigma Phi	St. Stephens College
Penn. Omega	Allegheny College .
Penn. Sigma Phi	Dickinson College
Penn. Alpha Zeta	Pennsylvania State (
Penn. Zeta	Bucknell University
Penn. Delta	Gettysburg College
Penn. Theta	University of Pennsy
Va. Omicron	University of Virgin
Va. Sigma	Washington and Lee
N. C. Xi	University of North
N. C. Theta	Davidson College .
S. C. Gamma	Wofford College .
Ga. Beta	University of Georgi
Ga. Psi	Mercer University
	Emory College
Ga. Epsilon	Georgia School of T
Ga. Phi Mich Lote Pete	University of Michig
Mich. Iota Beta	University of Michig
Mich. Alpha	Adrian College
Ohio Sigma	Mt. Union College
Ohio Delta	Ohio Wesleyan Univ
Ohio Epsilon	University of Cincin
Ohio Theta	Ohio State University
Ind. Alpha	Franklin College .
Ind. Beta	Perdue University
Ill. Psi Omega	Northwestern Unive
Ill. Beta	University of Illinois
Ку. Карра	Central University
Ky. Iota	Bethel College
Ky. Epsilon	Kentucky State Coll
Tenn. Zeta	Southwestern Presby
Tenn. Lambda	Cumberland Univers
Tenn. Nu	Vanderbilt Universi
Tenn, Kappa	University of Tenne
Tenn. Omega	University of the So
Tenn. Eta	Southwestern Baptis
Ala. Mu	University of Alaba
Ala. Iota	Southern University
Ala. Alpha Mu	Alabama Polytechni
Miss. Gamma	University of Missis
Mo. Alpha	University of Misso
Mo. Beta	Washington Univers
Neb. Lambda Pi	University of Nebra
Ark. Alpha Upsilon	University of Arkan
Mo. Alpha Mo. Beta Neb. Lambda Pi	University of Washington U University of

ersity of Maine . . Institute of Tech		4				Orono, Maine
. Institute of Tech	nole	gy				Boston, Mass.
on University .			100			Boston, Mass.
ard University .						Cambridge, Mass.
cester Polytechnic	Inst	itu	te			Worcester, Mass.
ell University .		,				Ithaca, N. Y.
ell University . mbia University .						New York, N. Y.
tephens College . theny College				,		Annandale, N. Y.
theny College						Meadville, Pa.
inson College .						Carlisle, Pa.
sylvania State Col	lege					State College, Pa.
inson College . sylvania State College . nell University .				4		Lewisburg, Pa.
ysburg College .						Gettysburg, Pa.
ersity of Pennsylva	ania					Philadelphia, Pa.
ersity of Virginia						Charlottesville, Va
hington and Lee U	nive	ersi	tv			Lexington, Va.
ersity of North Ca	roli	na	7			Chapel Hill, N. C.
dson College					9	Davidson, N. C.
ford College						Spartansburg, S. C
ersity of Georgia		8	0			Athens, Ga.
cer University .						Macon, Ga.
ru Collara						Oxford, Ga.
ry College	hnol	om	,	9		Atlanta, Ga.
gia School of Tech ersity of Michigan an College Union College		US.	,			Ann Arbor, Mich.
an College						Adrian, Mich.
Union College						Alliance, Ohio
Union College Wesleyan Univer versity of Cincinna	cita	*	*			Delaware, Ohio
reveity of Cincinna	aity					Cincinnati, Ohio
State University	u					Columbus, Ohio
State University kklin College lue University thwestern Universi				*	*	
ikim Conege				*		Columbus, Ohio
the University .		1		*	*	Lafayette, Ind.
inwestern Universi	ty					Evanston, III.
versity of Illinois . ral University .		*	*		1	Champaign, Ill.
rai University .						Richmond, Ky.
el College		*	*			Russelville, Ky.
tucky State College	е.	**	1	٠.		Lexington, Ky.
hwestern Presbyte	rian	UI	11VE	ersi	ty	Clarksville, Tenn.
berland University		*		3	*	Lebanon, Tenn.
derbilt University				9.		Nashville, Tenn.
versity of Tennesse versity of the Sout	e		8	*		Nashville, Tenn. Knoxville, Tenn. Sawanee, Tenn.
versity of the Sout	h	٠.				Sawanee, Tenn.
hwestern Baptist U	niv	ers	ity		*	Jackson, Tenn.
versity of Alabama thern University .						Tuscaloosa, Ala.
thern University .						Greenboro', Ala.
oama Polytechnic l				2.5		Auburn, Ala.
versity of Mississip						Oxford, Miss.
versity of Missouri					*	Columbia, Mo.
hington University					4	St. Louis, Mo.
versity of Nebrask	a .					Lincoln, Neb.
versity of Arkansas	S .					Fayetteville, Ark.
						The second of th

Chapter Roll - Continued

Texas Rho Col. Chi Col. Zeta Cal. Alpha Cal. Beta La. Tau Upsilon La. Epsilon

University of Texas University of Colorado Denver University Leland Stanford Jr. University University of California . . . Tulane University Louisiana State University

Austin, Texas Boulder, Col. Denver, Col. Palo Alto, Cal. Berkeley, Cal. New Orieans, La. Baton Rouge, La.



Sigma Alpha Epsilon

MASSACHUSETTS IOTA TAU CHAPTER

Fratres

ROLAND HUNNEWELL BALLOU Donald Minor Belcher HERMAN OTTO BLATT WILLIAM BRENTON BOGGS CHARLES REID BOGGS HAROLD OTIS BOSWORTH ROBERT VAUGHAN BROWN WILLIAM WINSLOW BURNHAM FRANK GARDNER COX EDWARD HENRY CUTTER EVERETT OWEN EASTWOOD (Va.O.) KENT TILLINGHAST STOW LEE FAULKNER GOLTHWA CARL HERMAN GRAESSER ALEXANDER HEALY HAROLD GARFIELD HIXSON

FRANK GEORGE LANE SIMON JONAS MARTENETT, Jr. LESLIE WALKER MILLAR THOMAS GREY McDougall CLARENCE ATKINS NEAL (Mo.A.) HARRY BRADFORD POND GEORGE WILLIAM PRENTISS EDWARD FARMER ROCKWOOD SCOTT CLARK RUNNDS HENRY CHRISTIAN SCHAEFFER EDWARD GORDON THATCHER LAWRENCE HOSMER UNDERWOOD GEORGE DAVIS WILSON (Tenn. Z.) LEWIS GAMALIEL WILSON (Tenn.Z.)

Fratres in Urbe

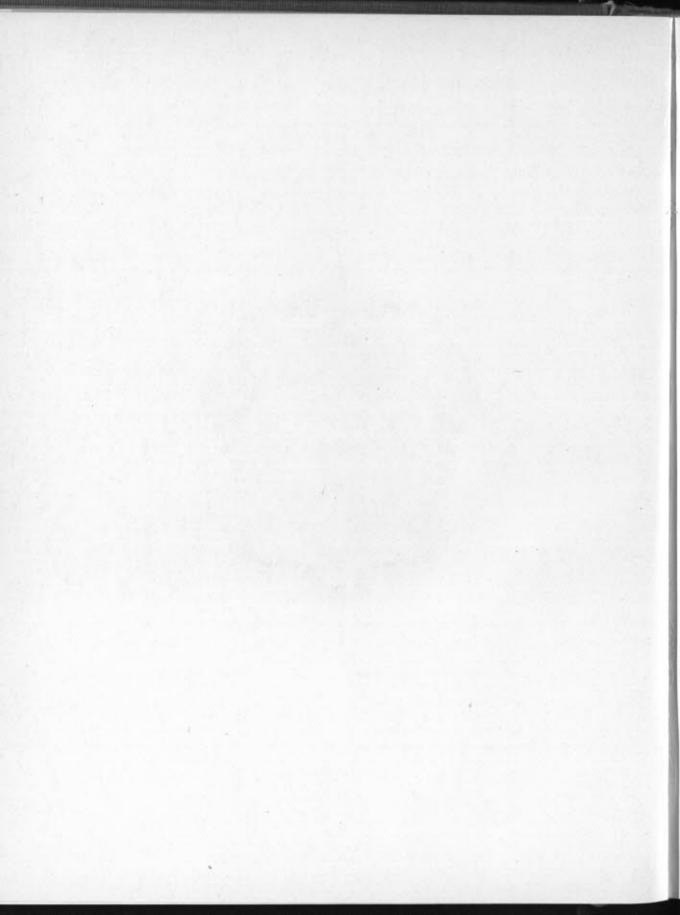
ALBERT RICHARD BEDDALL WALLACE CLARK BRACKETT CARDELLA DRAKE BROWN HAROLD CHASE BUCKMINSTER LUZERNE SIMEON COWLES CHARLES SPENCER CRANE WILLIAM WYMAN CROSBY NEWMAN LORING DANFORTH HERBERT NATHAN DAWES JOHN WALLIS FLEET CHARLES MUSSEY FOSDICK

WILLIAM THOMAS HALL HERMAN HORMEL HARRINGTON MACK Frank Bird Masters CARL LEON MORGAN WALTER ROBERT PHEMISTER Myron Everett Pierce JOHN DELOSS UNDERWOOD CLARENCE HOWARD WALKER ROBERT SIDNEY WASON Winslow Abbott Wilson

HOWARD PARKER WISE



Biomer Paris



Phi Gamma Delta

Established in 1848

Chapter Roll

Washington and Jefferson College. . . Alpha De Pauw University Lambda Bethel College . . Roanoke College Beta Deuteron University of Virginia. Omicron Pennsylvania College Xi Allegheny College Pi Tau Epsilon Psi Wabash College Columbia University Omega Alpha Deuteron Illinois Wesleyan University . Gamma Deuteron Knox College. Washington and Lee College . . Zeta Deuteron Theta Deuteron Ohio-Wesleyan University . . Delta Deuteron Nu Deuteron Omicron Deuteron Beta University of Pennsylvania . . . University of Kansas Pi Deuteron Delta Lambda Deuteron Rho Deuteron Sigma Deuteron Sigma Zeta Phi Delta Xi Colgate University Theta Psi Delta Chi Lehigh University Pennsylvania State College . . . Gamma Phi Massachusetts Institute of Technology Iota Mu Cornell University Kappa Nu University of Minnesota Richmond College Mu Sigma Rho Chi Beta Mu Johns Hopkins Kappa Tau University of Tennessee Worcester Polytechnic Institute . Pi Iota New York University Nu Epsilon Amherst College Alpha Chi Trinity College Tau Alpha Chi Union College University of Wisconsin Mu

Washington, Pa. Greencastle, Ind. Russelville, Kv. Salem, Va. Charlottesville, Va. Gettysburg, Pa. Meadville, Pa. Hanover, Ind. New York, N. Y. Crawfordsville, Ind. New York, N. Y. Bloomington, Ill. Galesburg, Ill. Lexington, Va. Delaware, Ohio Bloomington, Ind. Hampden-Sydney, Ind. New Haven, Conn. Columbus, Ohio Philadelphia, Pa. Lawrence, Kan. Lewisburg, Pa. Granville, Ohio Wooster, Ohio Easton, Pa. Springfield, Ohio Liberty, Mo. Berkeley, Cal. Hamilton, N. Y. Bethelhem, Pa. State College, Pa. Boston, Mass. Ithaca, N. Y. Minneapolis, Minn. Richmond, Va. Baltimore, Md. Knoxville, Tenn. Worcester, Mass. Univ. Heights, N. Y. Amherst, Mass. Hartford, Conn. Schenectady, N. Y. Madison, Wis.

Chapter Roll - Continued

Phi Iota	University of Illinois			Champaign, Ill.
Lambda Nu	University of Nebraska .			
Chi Mu	University of Missouri .			
Omega Mu	University of Maine			Orono, Me.
Sigma Tau	University of Washington			Seattle, Wash.
Delta Nu	Dartmouth College			
Sigma Nu	University of Syracuse .			Syracuse, N. Y.
Theta	University of Alabama .			
Tau Delta	University of Texas			Austin, Texas



Phi Gamma Delta

IOTA MU CHAPTER

Established in 1889

Fratres

ARTHUR BENJAMIN ALLEN
Alfred Warren Allyn
EDWARD SHERMAN BAKER
ARTHUR LUKE COLLIER
FREDERICK CLARK DURANT, Jr.
ALFRED WILLIAM FRIEND
PERCY ALLEN GOODALE
Elmer Allen Holbrook
RALPH OSBORNE INGRAM
ELLIOT WALKER KNIGHT
Alfred Ernest Lang

ALBERT JOSEPH LINDSLEY
BEN EDWIN LINDSLEY
HARRY RAYMOND LOW
BENJAMIN EDWARD MCKECHNIE
PAUL MCCLARY PAINE
ARTHUR HAROLD SAWYER
LANE SCHOFIELD
HAROLD CLAPP STETSON
WINFORD ALBERT TAYLOR
WEBSTER HAVERSTOCK TAYLOR
ROBERT FLETCHER WHITNEY

Fratres in Urbe

B.	S.	Cı	ARK
J.	C.	Co	ВВ
			Dow

L. M. LAWRENCE W. G. PIGEON F. J. OAKS, Jr.

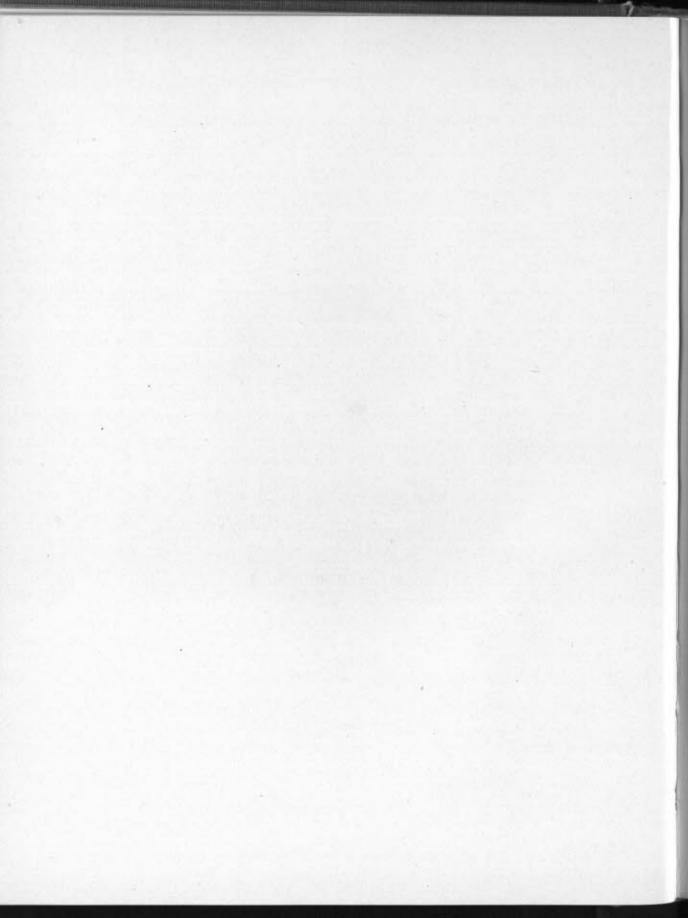
A. J. SWEET

Chapter House

74 Marlboro' Street



Draha Phila



Psi Alpha Kappa

Alpha Penn.	Lehigh University				Bethlehem, Pa.
Alpha Mass.	Massachusetts Institute of Technology .	33	7		Boston, Mass.

Psi Alpha Kappa

Established 1901

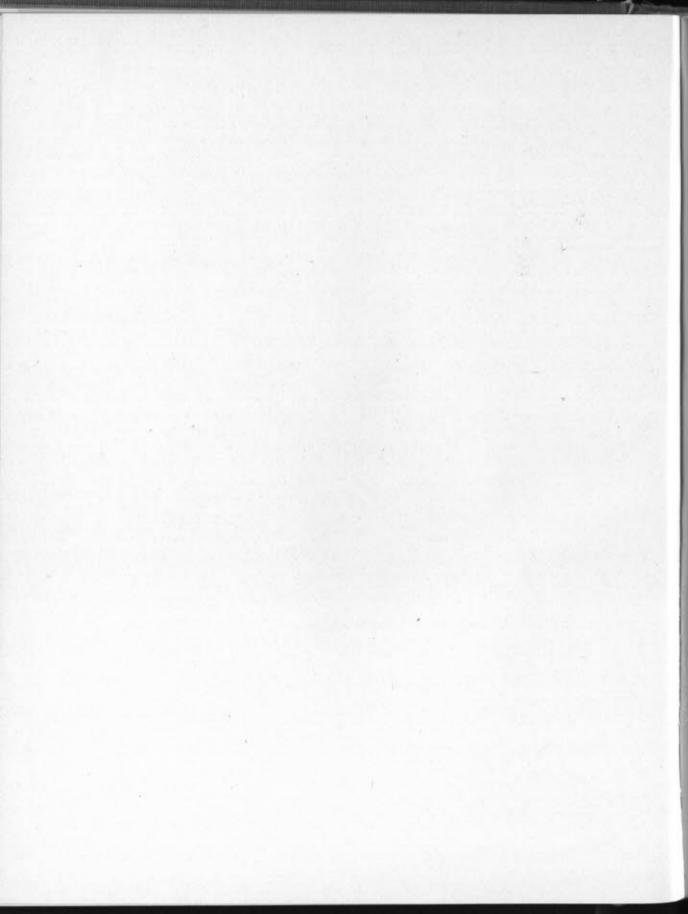
Fratres

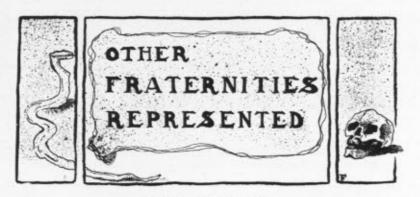
José Aguilar Enrique Cuesta Andres Fuentes Jaime Gurza Louis Kaufman Eurique Lage Renaud Lage Alberto Madero

EMILIO MADERO



LAWRING PHIA





	A	lph	ni I	Delt	ta	Phi	
OMAR STEPHEN SWENS	ON						Dartmouth College
Austin Dickenson Jen	NKINS						Williams College
GEORGE WILLIAM CARI	LYLE	WHI	TING				Johns Hopkins University
	A1	ph	a T	au	On	nega	
E. G. COLE							Georgia School of Tech.
	1	Bet	a '	The	ta	Pi	
A. W. BRUTON .							Johns Hopkins University
ELMER A. HOLBROOKE							Dartmouth College
E. F. SMITH							Boston University
ALBERT WARREN WELI	LS			100		2	Dartmouth College
STUART LANIER WALCO	TTC						Wabash College
			Ch	i P	si		
CLARK D. SIMONDS				,		10	Middlebury College
		I	elt	a l	Phi		
ROBERT H. BROWN							New York University
	P	hi	De	lta	Th	eta	
WILLIAM LOWRY GILLE	TT						University of the South
CLYDE WEBSTER McCo	RMAC	K					Knox College
WALTER ROY MCCORM	ACK						Knox College
REGINALD MONSURRAT							Ohio State University
CHARLES B. MOSELEY							Brown University
PIERRE BARBEAU PENI	HLL					2	University of Michigan
		Ps	i L	Jps	ilo	n	
FRANK P. HARRIS .	104						Amherst College
EUGENE W. MASON							Brown University
THEODORE A. SAMMIS					1		University of Minnesota
Sigma	Phi					Ph	i Kappa Psi
In the Desire of Manager		. 11.	FY 11	in the same of	**		

JOHN REYNOLDS MARVIN, Hamilton College PAUL WEEKS, University of Nebraska Sigma Xi

CHARLES HUNTINGTON PORTER, Brown University

Phi Beta Kappa

WILLIAM P. CROSS, University of Rochester

Theta Delta Chi

Sigma Nu

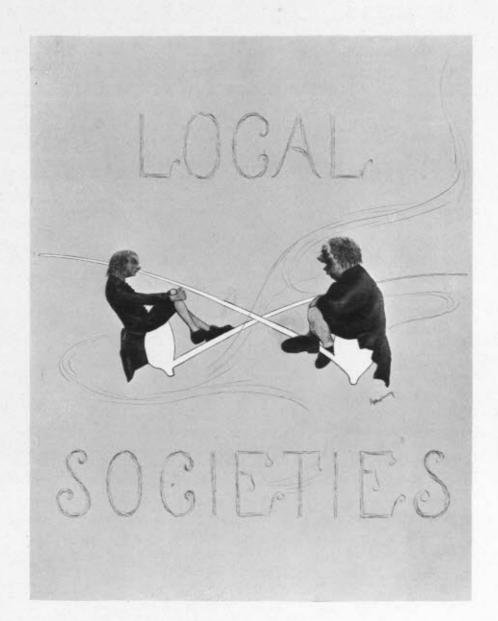
RAYMOND M. HOOD, Brown University T. P. BEDFORD, Central College



										No	o of M	lembers
SIGMA CHI			1	4.1	14	7		1				24
THETA XI				- 2	-			20		40		8
Delta Psi					-		34			40	14	23
Сні Риі ,		4	12	42			-	11				26
DELTA KAPPA EPSILO										*		26
PHI BETA EPSILON												26
DELTA UPSILON .												25
SIGMA ALPHA EPSILOS	N			- 2		1		1			-	30
PHI GAMMA DELTA		3					2					22
PSI ALPHA KAPPA			-		- 12		1				1.3	9
Other Fraternities repre	sente	d	-	-	1	9	12	2.5	37	25	-	26
												-
												245

Statistics of Fraternity Men at Technology Since 1885

Year					N	umber of r	nen						Per cent
1885-86		100	100	- 12		52	11	14	60				8.5
1886-87		34	* .			42				-			8.9
1887-88					*	42	1.0	*	40		0.40	4	6.1
1888-89			100.0			45							5-4
1889-90						93							10.8
1890-91						158							16,0
1891-92						184	10	9		2			17.1
1892-93		- 12				207				1			18.8
1893-94			100			191	100					1	16.5
1894-95	200		- 3	4		201			100	4	- 2		16.9
1895-96	1				60	192	100	100	.0		40	7	16,2
1896-97		14	45	1.0		189	6			7	-		15.8
1897-98				1.0	+.:	173			4.1	19			14.4
1898-99		1.6			-	189	100						16.1
1899-1900		540	69		+9	216					6.0		18.4
1900-1901		-				213							17.9
1901-1902			+ -			245							17.1



K₂ S

Established 1883

MEMBERS

STUART WELLS BENSON
CHARLES DUNCAN BREWER
LEONARD PRESTON BURNHAM
HARLEN MONROE CHAPMAN
CLEM CLARE CARHART
WARREN FRANKLIN CURRIER
STANLEY ALFRED FOSTER
GILBERT HOWE GLEASON
ALBERT ADAMS HASKELL

WILLIAM HERBERT MORSE LOTSHAW
ARTHUR STAFFORD MARTIN
MARQUIS EDGAR MASON
JOHN RIPLEY ODELL
FREDERIC ARTHUR OLMSTED
HERBERT LESLIE SHERMAN
GEORGE RIDDELL SPALDING
WILLIAM WATERMAN, Jr.
ROBERT SEATON WILLIAMS

Honorary Members

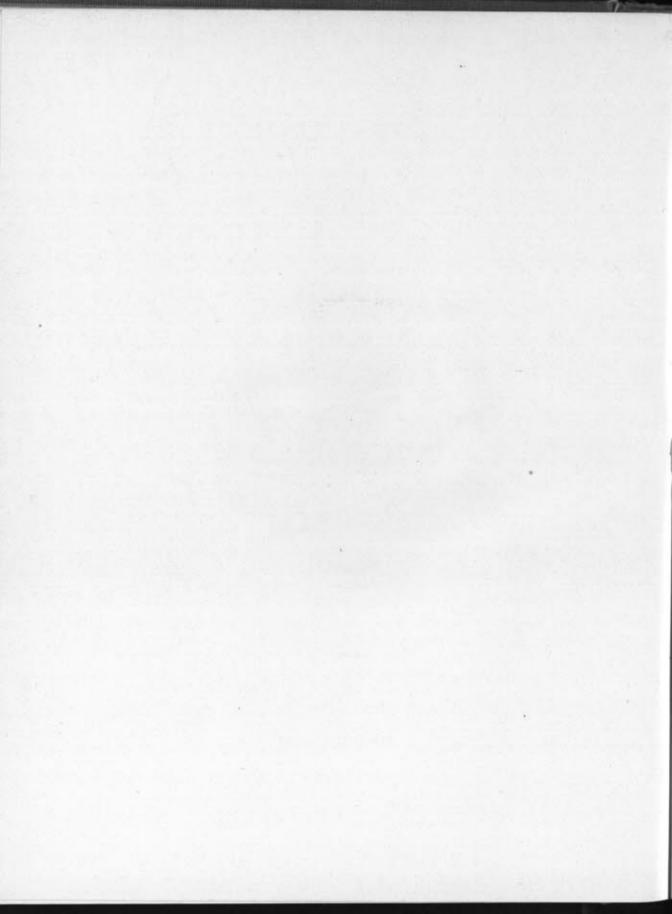
JOHN ALDEN
FRED L. BARDWELL
SAMUEL CABOT
HENRY CARMICHAEL
JAMES M. CRAFTS
CHARLES R. CROSS
WILLIAM S. DAVENPORT
THOMAS M. DROWN
THOMAS EVANS
HENRY FAY
AUGUSTUS H. GILL
HEINRICH O. HOFMAN
G. RUSSELL LINCOLN
ARTHUR D. LITTLE

RICHARD W. LODGE
F, JEWETT MOORE
SAMUEL P. MULLIKEN
JAMES F. NORRIS
ARTHUR A. NOYES
THOMAS E. POPE
HENRY S. PRITCHETT
ROBERT H. RICHARDS
GEORGE W. ROLFE
WILLIAM T. SEDGWICK
JOHN W. SMITH
HENRY P. TALBOT
FRANK H. THORP
WILLIAM H. WALKER

WILLIS R. WHITNEY



Distillat Philip.





Established 1887

OFFICERS

JAMES DUANE IRELAND	3	5	15	*	. President
RUSSELL BRYANT LOWE	1		V	17	Vice-President
THAYER PRESCOTT GATES				-0	. Secretary
JOHN LAWRENCE GILSON					. Treasurer

MEMBERS

FRANKLIN SAWYER BRADLEY
CLAUDIUS HOWARD COOPER
FRANCIS WOODWARD DAVIS
WALTER MAYNARD DRURY
MORTIMER YALE FERRIS
THAYER PRESCOTT GATES
JOHN LAWRENCE GILSON
ANDREW HOPEWELL HEPBURN
GEORGE TAYLOR HYDE

JAMES DUANE IRELAND
HARRY GEORGE KOCH
RUSSELL BRYANT LOWE
CHARLES JEWELL MCINTOSH
BENJAMIN NIELDS, Jr.
HENRY AUGUSTUS PEMBERTON
PIERRE BARBEAU PENDILL
LOUIS BALLAUF RAPP
FRANKLIN TINKER ROOT

GEORGE BEACH SEYMS

Sherwood Club

OFFICERS

Robin Hood . . . NORMAN FREDERICK KERR Little John Joseph Cheney Baker Friar Tuck . . . THORNTON MERRIWETHER GILMER

Outlaws

BARR CUSHING AVERILL

ROBERT ARNOLD HUBBARD

WALTER BRUCE GREEVES

1903

CHARLES WICKERSHAM ELMER CHARLES STINCHFIELD COLE ALEXANDER HEALY MAYES COOPER RALPH CURTIS JORDAN ROLAND HUNNEWELL BALLOU JOHN HOWARD PEW WILLIAM JOHNSTON BAY

EDWARD CUTTER THOMPSON

1904

WALTER BRUCE GREEVES BARR CUSHING AVERILL NORMAN FREDERICK KERR JOSEPH CHENEY BAKER THORNTON MERRIWETHER GILMER ROBERT ARNOLD HUBBARD

ROBERT DOWNING PATERSON



OFFICERS

Chief				H	ARCOURT	W. Bull
Chief's	Daughter		-		G. W.	SANDENS
Medicina	Man			TE	OMAS W	AKEPIELD

Council of War

C. S. Rogers		T.	P.	HENDERSON
	J. W. Cobb			

Braves

	1904	
L. G. BOUSCAREN	J. G. METCALFE	C. S. SPERRY, Jr.
H. K. CHAPIN	C. SAVILLE	A. W. Wells
S. A. McClung, Jr.	J. M. Scott	

1905

RENSHAW BORIE	W. B. D. MOTTER, Jr.	SAMUEL SEAVER
MELVILLE B. BOWMAN	EDWARD T. STEEL, 2d	R. W. SEYMS
J. H. HOLLIDAY, Jr.	TEMPLIN M. POTTS	HANS F. SCHAEFER
CLARENCE A. LORD	L. E. Robbe	Waldso Turner

Round Table

King Arthur . . . James Garrison Metcalfe Queen Guinever . . . ALBERT WARREN WELLS Merlin . . . Louis Gustave Bouscaren, Jr.

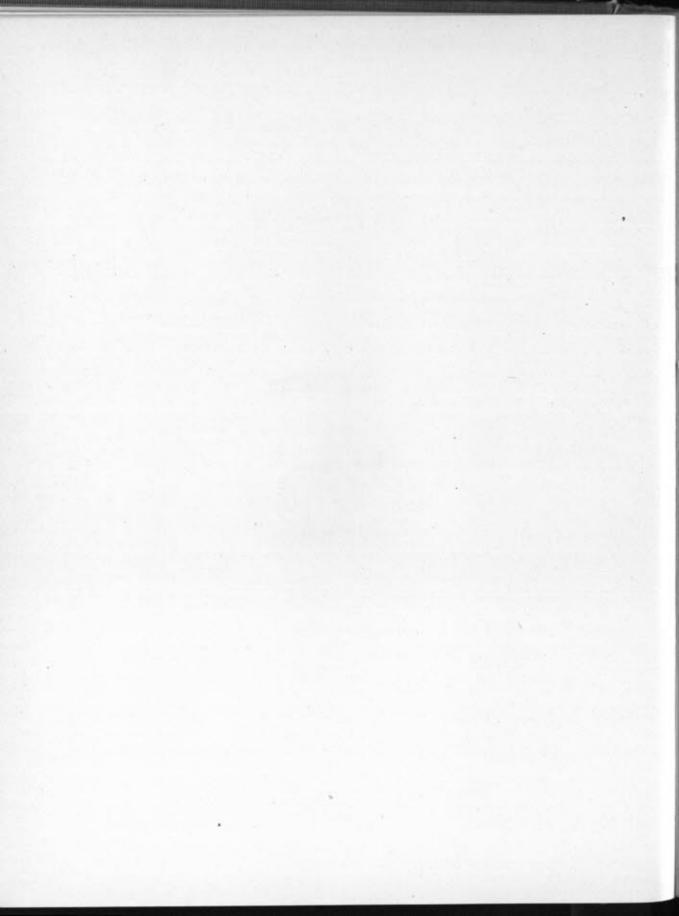
Knights

Sir Galahad FULTON CRARY Sir Launcelot . . . CHARLES STILLMAN SPERRY, Jr. Sir Gewain . . . PRESTON MORRIS SMITH

Louis Gustave Bouscaren, Jr. James Garrison Metcalfe HARCOURT WESSON BULL HENRY KENT CHAPIN FULTON CRARY WINTHROP DAHLGREN ROBERT STAVELY HAMILTON

ARTHUR OSBORNE ROBERTS PRESTON MORRIS SMITH CHARLES STILLMAN SPERRY, Jr. ALBERT WARREN WELLS GEORGE WILLIAM CARLYLE WHITING





The Walker Memorial

%



HE purposes which the Walker Memorial is to serve have become reasonably well defined in the minds of the President and those associated with him in their determination. Of the precise form which will be given the Memorial through the skill and efforts of the architects, it is still too early to write with full assurance. The purposes of the building

have been described in successive annual reports of the Alumni Committee and more fully and authoritatively in

President Pritchett's reports to the Corporation.

The building is to be first and always a memorial of President Walker and of the fifteen years which he devoted so completely and effectively to the welfare of his students. While present and future students can not know him as have the earlier ones, the Memorial must stand to them for much of his breadth of human interest and vigorous nobilty of character.

The original vote of the Alumni Association designated the Memorial simply as a gymnasium adequate to the present and prospective needs of students, worthy of the Institute's reputation in other directions and worthy of President Walker. In its first annual report, the Committee recommended and it was voted by the Association that the Memorial Gymnasium should include, if possible, provision for other social objects with a view to the promotion among the students of a closer attachment for each other and for the Institute. Later still, comparison was made with Houston Hall, the home of the Houston Club of the students of the University of Pennsylvania with the expression of opinion that in the Walker Memorial the gymnasium element should be more emphasized and developed than at Philadelphia and that the Memorial should be a contribution to the needs of the Institute and its students, and not merely or mainly to their pleasure. President Pritchett's reports for 1900 and 1901 have laid stress on the importance of developing a department of physical culture as a main feature of the Walker Memorial.

The present ideas of the officers of the Institute, reached as a result of the evolutionary process, sketched and forming a basis for the architect's plans, may be defined somewhat as follows: The Walker Memorial is to be the permanent home of a department of physical culture, with gymnasium appliances, baths, swimming pool, etc. It is to be a social building for students generally, independently of its use as a gymnasium. It is to be the headquarters of athletic interests and of out-of-door sports. It is to accommodate, so far as practicable, student organizations and meetings on the one hand, and alumni and general Institute gatherings on the other. It is expected that gymnasium work will be required of students in one or more of the years, exemption being granted by the Faculty for special reasons. This requires incidentally the allotment of a very large space for lockers, of which more than twelve hundred will be provided. Incidental provision will be made, so far as practicable, for hand ball or other athletic games.

The social side of the Walker Memorial is represented in the remainder of the building by an extensive suite of rooms on the first floor, including a general reception-room and a library. These afford admirable opportunities for architectural effect and for special memorials, tablets, flags, trophies, etc. They will offer an appropriate meeting place for formal receptions, alumni meetings and student gatherings. Provision will be made for serving dinners and lighter refreshments, and the large gymnasium will also be available on occasion for dinners when a still

greater space may be required.

The Walker Memorial as planned occupies a rectangle with a frontage of about one hundred and twenty feet on Trinity Place and eighty feet on Stanhope Street; it is eighty feet high, with a basement and five stories. A space of about seventy feet separates it from the southern end of the Pierce building, and the use to be made of this space has yet to be determined. The main western front of the Memorial will face the open space about the Trinity Place Station, insuring permanent light and openness of outlook. The exterior will be carefully designed to express the character and independence of the building without detaching it too much from the extensive group of other Institute buildings.

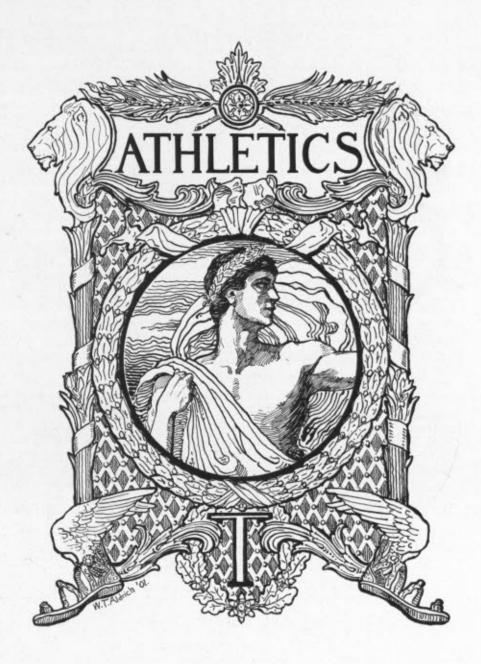
The main entrance will be on Trinity Place, in the northwest corner of the building first reached by the usual approach along Trinity Place. The main hall and staircase leading from it will be of much architectural dignity and will be ample in space for the crowds which may enter and leave. Out of the entrance hall opens to the right a spacious and attractive memorial room seventy by forty-five feet, occupying the southwest corner of the

building. This room, with handsome open fireplaces, afternoon sunshine and comfortable chairs should embody welcome and cheer to the individual student and be a worthy scene for social and ceremonial gatherings.

The adjoining southeast corner of the Memorial will contain a kitchen and serving-room, a library and perhaps a music-room. The second and third floors will be devoted to the small gymnasium and accessory lockers and baths, the gymnasium occupying the height of both floors. The Directors' office will adjoin it on the second floor. The fourth and fifth floors will be occupied mainly by the large gymnasium, with a floor space of nearly seven thousand square feet. (The Pierce building has a ground area of about nine thousand square feet.) The gymnasium will be lighted by large skylights, and there will be a running track gallery at the level of the fifth floor, with small rooms adjoining for special purposes. The swimming tank in the basement is planned to occupy a space thirtytwo by seventy feet in the northern end of the building, the remainder of the basement being devoted to lockers, baths and miscellaneous purposes.

■ It is the earnest hope of the officers of the Institute that the generosity of its friends, supplementing that of its former students, may make it possible to embody this description in time for use by members of the Class

of 1903.



Athletics

HE past year has brought about three radical changes in Technology Athletics. Varsity football has been abolished by vote of the student body; baseball has been set aside by the action of the classes and the "Technology Field Day" has been inaugurated in place of the Cane Rush. The immediate result of these changes has been to place Technology Athletics upon a practical basis.

In the past, any efforts made in competition by teams from the Institute have met with indifferent success, owing to the fact that the conditions under which the students work do not allow of the necessary co-operation to develop efficient team work.

The present policy is to arouse new interest in gymnasium work, which is essential to student life in the city, and by this means to bring about competition in track athletics, where individual effort is the greatest factor of success.

With the Walker Memorial Gymnasium, and the support of the Corporation, Faculty and students, it is assured that athletics will be, in the near future, a practical curriculum of Physical Science in keeping with the standard of the Institute.



THE Advisory Council on Athletics was organized and held its first meeting January 1, 1898. The aim of the Council is set forth in the following extract from its Constitution:

"The purpose of this organization shall be to regulate the general athletic interests of students at M. I. T., to exercise supervision over the management, and to assume control at any time it is deemed necessary of all funds, or income from funds, in any way connected with athletics, and have final jurisdiction in all matters pertaining thereunto."—Extract from Constitution.

Since the first meeting of the council much progress has been made toward realizing the objects for which it was created. Minor difficulties in home affairs now find immediate adjustment. The emblems and devices granted for excellence in different events are systematized and and their distribution controlled, so that their value is even now becoming enhanced. Our relations with other colleges are on a firm basis and most satisfactory alliances have been formed. The finances of the athletic interests are in a most satisfactory state.

In consequence of these growing improvements, the Alumni begin to evince an interest in Institute athletics which is without precedent. A hearty co-operation between students, Faculty, Corporation and Alumni in matters pertaining to athletics has begun, which must be a strong influence toward a high degree of excellence in the immediate future.

Chairman

FRANK H. BRIGGS, '81

Treasurer
HARRY L. MORSE, '99

Acting Secretary

CHARLES ADRIAN SAWYER, Jr., '02

Representatives from M. I. T. Alumni Association

Thomas Hibbard, '75

FRANK H. BRIGGS, '81

JOHN L. BATCHELDER, Jr., '90

Representative from Institute Committee HENRY KEENE HOOKER, '02 Representative from Athletic Association Charles Adrian Sawyer, Jr., '02



THE M. I. T. Athletic Association has controlled all Track Athletics at the Institute since 1897. The association holds three closed meets each year, e.g. the Fall Handicap Games in October, the Indoor Games in December and the Spring Games in May. Points won in scratch games only, count toward the class and individual championships.

The association awards the initial T to men winning a point in competition with other colleges, either in a dual meeting or at the meeting of the N. E. I. A. A. at Worcester.

OFFICERS

President

RICHARD LINCOLN FROST, '02

Vice-President
GEORGE TILLEY SEABURY, '02

Secretary

GEORGE DAVIS WILSON, '03

Treasurer

HENRY THORNTON WINCHESTER, '03

Representative to Advisory Council Charles Adrian Sawyer, Jr., '02

Manager of Track Team . . . Gilbert Howe Gleason, '03

Executive Committee

ROBERT ANDERSON POPE, '02, Captain of Technology Track Team
WALTER PURTON ROSS PEMBER, Captain of 1902 Track Team
HENRY THORNTON WINCHESTER, Captain of 1903 Track Team
JOSEPH WARREN CROWELL, Captain of 1904 Track Team
THOMAS EDWARD JEWETT, Captain of 1905 Track Team



THE New England Intercollegiate Athletic Association was organized on November 23, 1886, with Amherst, Bowdoin, Brown, Dartmouth, Trinity, Tufts and Williams as charter members.

The government of the Association is vested in its executive committee composed of president, vice-president, secretary, treasurer and three others. The business of the Association is transacted at the annual convention in Boston on the third Saturday of February. This convention is empowered to elect officers for the year and to arrange for the Annual Field Day, held on the Saturday previous to the last Saturday in May.

Technology became a member of the Association in 1894, winning the "Championship" the first year. Since then Technology has been a prominent competitor, and this year the outlook is excellent for a high standing.

OFFICERS

President

J. B. ELY, Williams

Vice-President

J. L. MITCHELL, Bowdoin

Secretary

A. T. FOSTER, Amherst

Treasurer

H. T. WINCHESTER, M. I. T.

Executive Committee

A. M. Sмітн, Wesleyan

A. W. Pope, Brown

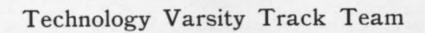
C. H. WALTHOUR, Dartmouth

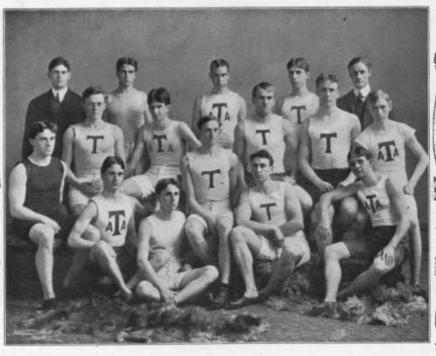
Members of the Association

Dartmouth College	University of Mai	ne Amherst College
Brown University	Wesleyan Univers	ity Bowdoin College
Williams College	Trinity College	Tufts College
Massachusetts Institute of	Technology	Worcester Polytechnic Institute

Winners of the Championship

1892 Amherst	1897 Dartmouth
1893 Dartmouth	1898 Dartmouth
1894 M. I. T.	1899 Bowdoin
1895 Dartmouth	1900 Williams
1896 Dartmouth	1901 Williams
	1892 Amherst 1893 Dartmouth 1894 M. I. T. 1895 Dartmouth







TRACK TEAM

OFFICERS

Captain

EDWARD SHERMAN BAKER, '02

Manager

GILBERT HOWE GLEASON, '03

TEAM

FRANCIS KERNAN BAXTER, 'OI WILLIAM BRENTON BOGGS, '04 -JAMES HENRY CARR, '02 GEORGE ALDEN CURTISS, '04-RICHARD LINCOLN FROST, '02 GYULA BENNETT MANSON, '03

HARRY PEAKE McDonald, Jr., '01 FRED HIRAM PEASLEE, '03 WALTER PERTON ROSS PEMBER, '02 -ROBERT ANDERSON POPE, '02 GEORGE DAVIS WILSON, '03 KENNETH CROTHERS GRANT, '02 - HENRY THORNTON WINCHESTER, '03 -SAMUEL THORNTON WORCESTER, '04

The Fifteenth Annual Meet of the New England Intercollegiate Athletic Association

WORCESTER, MAY 18, 1901

Event			Winners	Time, Height, or Distance
100-Yard Dash			H. H. CLOUDMAN W. ROONEY F. W. HASKELL .	Bowdoin † 10 sec, Williams Dartmouth
230-Yard Dash			 H. H. CLOUDMAN F. W. HASKELL . D. L. JACKSON .	Bowdoin 22 3-5 sec. Dartmouth Dartmouth
440-Yard Dash			F. L. THOMPSON . C. F. PARK J. F. O'NEILL	Amherst 52 1-5 sec. Williams Williams
880 Vard Run			L. R. HILL D. C. HALL B. PIERCE	Dartmouth , 2 min, 2 2-5 sec. Brown Brown
One Mile Run			E. C. HAWLEY . H. JOHNSON S. STEELE	The second secon
Two-Mile Run		٠	P. CORNELL E. C. HAWLEY W. C. LONGSTRETH	
120 Yard High	Hurdles		P. POTTER E. S. WILSON H. J. HUNT	
230-Yard Low	Hurdles		P. P. EDSON P. POTTER E. S. WILSON	Dartmouth † 25 4-5 sec. Williams Amherst
Running High	Jump .		L. G. BLACKMER, F. K. BAXTER R. A. POPE G. A. CURTISS C. W. BROWN . J. O. HAMILTON . R. H. EARNST . M. W. BULLOCK .	

[†] Equals N. E. I. A. A. record ‡ Tied for third place, 1-6 of a point each

Event	Winners	Time, Height, or Distance
Running Broad Jump		Bowdoin
Pole Vault	P. POTTER R. S. PHILLIPS . W. SQUIRES	Amherst to ft. 3 in.
Putting 16-Pound Shot	J. W. PARK	M. I. T * 39 ft. 11 in. Amherst 39 ft. 3½ in. Dartmouth 38 ft. 9 in.
Throwing 16-Pound Hammer	J. G. MELENDY . E. A. DUNLOP . C. C. CULLINANE .	Bowdoin) ** ft 6 in
Discus Throw	N. Johnson J. W. Parks J. G. Melendy .	Brown 105 ft. Amherst 104 ft. 1 in. Brown 101 ft. 4 in.
Two-Mile Bicycle	A. M. SMITH H. E. BROWN R. S. GUY	Brown

^{*} N. E. I. A. A. record ** Tied for second place, 2 points each

Summary of Points

		Will,	Amh.	Bow.	Br.	Dart.	M. I. T.	Wes.
100-Yard Dash .		3	0	- 5	0	1	0	0
220-Yard Run		0	0	5	0	4	0	0
440-Yard Run		4	5	0	0	0	0	0
88o-Yard Run		0	0	0	4	5	0	0
Mile Run	ä	1	5	0	0	3	0	0
Two-Mile Run .		 0	8	0	0	0	0	0
120-Yard Hurdles		5	3	1	0	0	0	0
220-Yard Hurdles		 3	1	0	0	5	0	0
High Jump		51	0	1	1 6	1	31	0
Broad Jump		3	0	5	1	0	0	0
Hammer Throw .		3	0	3	5	0	0	0
Shot Put		0	3	0	0	1	5	0
Discus Throw .		0	3	6	0	0	0	0
Two-Mile Bicycle		0	0	0	3	0	0	6
Pole Vault		6	3	0	0	0	0	0
		331	31	251	131	191	81	6

Annual Spring Games

RIVERSIDE, MAY 4, 1901

Event Winners	Time, Height, or Distance
100-Yard Dash W. B. Boggs, '04	10 3-5 sec.
G. H. GLEASON, '03	
H. T. WINCHESTER,	
220-Yard Dash W. B. Boggs, '04	24 3-5 sec.
	* .
G. H. GLEASON, '03	
440-Yard Run W. P. R. PEMBER, 'C	
W. H. WILLISTON, 'C	
J. M. GRICE, '03 .	
	2 min. 17 2-5 sec.
C. F. Holcomb, '03	
W. H. WILLISTON, 'c	
One-Mile Run S. T. WORCESTER, 'C	
O. S. STOCKMAN, 'OI	1 .
M. F. Peaslee, '03	
Two-Mile Run S. T. WORCESTER, 'C	04 10 min. 53 1-5 sec.
M. F. Peaslee, '03	
O. S. STOCKMAN, 'OI	
	17 sec.
K. C. GRANT, '02	
R. L. KRUSE, '03 .	
220-Yard Low Hurdles . R. A. POPE, '02 .	
K. C. GRANT, '02	
R. L. KRUSE, '03 .	
0 / /	
R. A. POPE, '02	
Broad Jump R. A. Pope, '02 . W. P. R. Pember, '0	20 ft 1/ in
F. K. BAXTER, 'OI	
Shot Put (16 lbs.) H. P. McDonald, 'c	01 *40 ft. ¼ in.
H. T. WINCHESTER,	
G. D. Wilson, '03	32 It. 4½ In.
Throwing Hammer (16 lbs.) G. D. WILSON, '03	
H. T. WINCHESTER,	
H. P. McDonald, 'c	01 .
Throwing Discus H. T. WINCHESTER,	
E. P. Fleming, 'oi	100 ft. 8 in.
L. A. CROWELL, '01	92 ft. 11 in.
Two-Mile Bicycle J. H. CARR, '02 .	5 min. 20 sec.
M. H. Schwartz, 'o	04 .
M. Brodie, 'c2 .	
Pole Vault G. A. Curtiss, '04	9 ft. 11 in.
F. K. BAXTER, 'OI	9 ft. 3 in.
R. A. Pope, '02 .	
	그 경우 그렇게 되는 것이 없었다면 하는 것이 없었다. 그렇게 하고 있는 그렇게 되었다.

^{*} M. I. T. Record

Annual Fall Handicap Games

OCTOBER 19, 1901

Event	Winners	Time, Height, or Distance
100-Yard Dash	C. R. HAYNES, '04	4 yds 10 1-5 sec.
	E. B. Snow, Jr., '05	4 yds.
	H. T. WINCHESTER, '03.	Scratch
220-Yard Dash	C. R. HAYNES, '04	8 yds 24 sec.
220 240 12 20000 1 1 1 1	E. B. Snow, '04	6 yds.
	W. B. Boggs, '04	Scratch
40-Yard Dash	E. J. HURLEY, '04	5 yds 1 min.
440 7 111 11 2 11311	H. H. NEEDHAM, '04 .	5 yds.
	W. A. CLARK, '05	Scratch
880-Yard Dash	R. P. Nichols, '05	20 yds 2 min. 18 sec.
000-7476-25434	H. B. PULSIFER, '03	35 yds.
	F. O. SPRAGUE, '05	23 yds.
One Mile Run	R. P. Nichols, 'o5	40 yds 5 min. 13 4-5 sec.
One mue Kun	F. O. SPRAGUE, '05	35 yds.
	A. C. DICKERMAN, '05	40 yds.
Two-Mile Run	F. B. RILEY, '05	100 vds 11 min. 31 2-5 sec.
Two Muc Ann	A. J. SWEET, '04	Scratch
	H. F. PEASLEE, '03	Scratch
ear Vand Hick Humller	R. L. KRUSE, '03	Owe 6 yds , . 15 2-5 sec.
105-Yard High Hurdles .	R. D. EMERSON, '05	Owe 6 yds.
	K. C. GRANT, '02	Scratch
V. II. II. II.		6 yds 28 2-5 sec.
220 Yard Low Hurdles .	and the second second	6 vds.
	G. A. CURTISS, '04	Scratch
D 15 1	K. C. GRANT, '02	e e
Broad Jump	L. U. FULLER, '05	
	K. C. GRANT, '02	Scratch 18 ft. 5 in.
	L. C. HAMMOND, '02	
High Jump	R. D. EMERSON, '05	
	G. A. Curtiss, '04	
	H. E. BERRY, '05	
Shot Put (16 lbs.)	C. L. Homer, '04	
	S. C. MERRICK, '03	
	G. D. Wilson, '03	4 ft 35 ft. 1½ in. Scratch 95 ft. 2 in.
Hammer Throw (16 lbs.) .		
	F. G. Cox, '03	
0/2007-0022-007	L. G. Wilson, '04	10 ft 90 ft. 1 in.
Discus Throw	H. T. WINCHESTER, '03	Scratch 104 ft. 2 in.
	S. C. MERRICK, '03	10 ft
	G. D. Wilson, '03	10 ft 97 ft. 5 in.
Two-Mile Bicycle	F. B. RILEY, '05	5 min. 20 sec.
	R. TSWNITA, '05	Control to feet to
Pole Vault	G. A. Curtiss, '04	Scratch 10 ft. 1 in.
	H. E. BERRY, '05	8 in 10 ft. ½ in.
	W. Mackie, '05	1 ft 10 ft. ½ in.

Annual Indoor Meet

DECEMBER 19, 1901

sec.
sec.
ec.
in. in.
in. in. in.
in. in. in.
in.
in. in. in.

Annual Cross Country Run of the M. I. T. A. A.

APRIL 6, 1901

COURSE - To Coolidge Corner and Return, 43/ Miles

Place						Winners	Time
First .	,		4			S. T. Worcester, '04	* 27 min. 10 sec.
Second	1	9	2		6	H. F. PEASLEE, '03	
Third .		1				A. M. Holcombe, '04	
Fourth						L. C. HAMMOND, '02	

Summary of Points for the Class Championship 1900-1901

TIE BETWEEN 1902 AND 1904

					1901	1902	1903	1904
Winter Meet		10	34	46	28	14	15	15
Cross Country	Run	530			0	0	3	6
Spring Meet			- >		20	43	36	36
	Tot	als	3.		48	57	54	57

^{*} Technology Record by 48 sec.

Summary of Points for Individual Excellence

N. E. I. A. A. Meet, first place counts 15 points; second 9; third 3
M. I. T. A. A. Scratch Meets, first place counts 5 points; second 3; third 1

		- 0	Points			F	oints
F. K. BAXTER, Jr., '01	!		33	O. S. STOCKMAN, 'OI .	2.0		4
H. P. McDonald, '01			24	M. F. Peaslee, '03 .	000		4
R. A. Pope, '02 .	-		20	J. W. CROWELL, '04 .	154	2	4
H. T. WINCHESTER, '03	22		20	W. H. WILLISTON, '02			4
G. A. Curtiss, '04 .			19	L. B. WILDER, 'OI .			3
R. V. Brown, '02 .			13	F. D. AVERY, '02 .		+	3
S. T. Worcester, '04	-	16	10	L. E. SCHLEMM, '03 .		-	3
W. B. Boggs, 'o.t .		V	10	E. P. FLEMING, '01 .	2	- 12	3
W. P. R. PEMBER, '02			8	C. F. Holcombe, '04.		2	3
G. H. GLEASON, '03 .	-		7	M. H. Schwartz, '04		*	3
K. C. GRANT, '02 .		-	6	R. L. KRUSE, '03 .	84	12	2
G. D. Wilson, '03 .		12	6	N. E. BORDEN, '02 .			1
H. M. McMaster, 'or			5	L. A. CROWELL, '01 .			1
J. H. CARR, '02 .			5	M. Brodie, '02			1
J. B. Manson, '03 .	-23	12	5	G. M. GRICE, '03 .	120		1
E. L. DOYLE, '04 .			5	G. R. Spaulding, '03			1

The Cup presented anonymously to the Athletic Association to be given to the Freshman winning the greatest number of points, was won by

GEORGE ALDEN CURTISS-19 Points



TRACK TEAM

Francis Deane Avery
Edward Sherman Baker
Horace Singer Baker
Robert Vaugn Brown
Walter England Calley
George Alden Curtiss
James Driscoll

RICHARD LINCOLN FROST

KENNETH CROTHERS GRANT

CARLETON FRANCIS GREENE

WALTER PURTON ROSS PEMBER

ROBERT ANDERSON POPE

ORLANDO SARGENT STOCKMAN

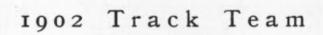
HENRY THORNTON WINCHESTER

FOOTBALL

ALFRED WARREN ALLYN
HENRY KEENE HOOKER
HARRY BRADFORD POND

GEORGE CURTIS CAPELLE
CHARLES EMMET McCARTHY
GEORGE BEACH SEYMS

GEORGE BABCOCK WOOD





GRANT WILLISTON BAKER BORDEN PEMBER

GALAHER

SEABURY

CARR CATES

CURRY

AVERY .

POPE BRODIE





OFFICERS

Captain

Walter Purton Ross Pember George Tilley Seabury

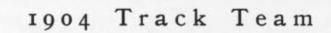
Manager

TEAM

Francis Deane Avery Harold Young Curry EDWARD SHERMAN BAKER NORMAN EASTON BORDEN MATTHEW BRODIE JAMES HENRY CARR LOUIS SHATTUCK CATES

FRANCIS BRISBANE GALAHER KENNETH CROTHERS GRANT FREDERICK HUSTON HUNTER Walter Purton Ross Pember Robert Anderson Pope

WILLIAM HIGH WILLISTON





DOYLE BOGGS

WORCESTER HOLCOMBE

CROWELL





OFFICERS

Captain

Joseph Warren Crowell

Manager

Edward Leo Doyle

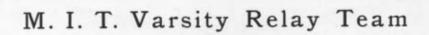
TEAM

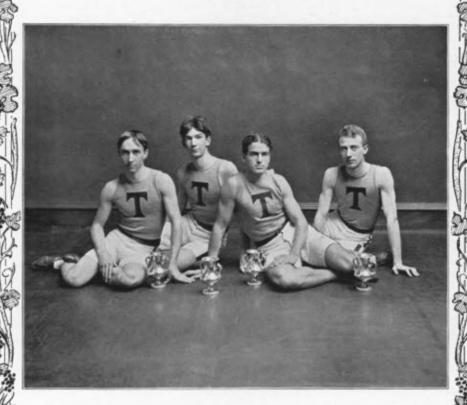
WILLIAM BRENTON BOGGS
JOSEPH WARREN CROWELL
GEORGE ALDEN CURTISS

EDWARD LEO DOVLE

AMASA MAYNARD HOLCOMBE

SAMUEL T. WORCESTER





AVERY

PEMBE

GRAN'

BAKER





RELAY TEAM

Captain

FRANCIS DEANE AVERY

TEAM

FRANCIS DEANE AVERY HORACE SINGER BAKER KENNETH CROTHERS GRANT WALTER PURTON ROSS PEMBER

M. I. T. vs. Bowdoin

Won by M. I. T. Time: 3 min. 17 4-5 sec.

B. A. A. Games

February 8, 1902, Mechanics' Building

The men ran in the following order: AVERY, GRANT, PEMBER, BAKER



OFFICERS

President

FREDERICK HUSTON HUNTER, '02

Secretary & Treasurer
WALTER PURTON ROSS PEMBER, '02

Captain

HIRAM FRED PEASLEE, '03

Manager

AMASA MAYNARD HOLCOMBE, '04

Wearers of the T. H. H.

CHARLES HENRY DREW, '04 HAROLD HOWARD GOULD, '04 CHARLES ROGERSON HAYNES, '04 AMASA MAYNARD HOLCOMBE, '04 FREDERICK HUSTON HUNTER, '02 John Reginald Marvin, '02

Hiram Fred Peaslee, '03

Arthur Peabody Porter, '04

Gordon MacIntyre Proudfoot, '04

Samuel T. Worcester, '04

T. H. H. Annual Cross Country Run

FROM WELLESLEY HILLS, MAY 25, 1901 COURSE—eight miles; twelve starters; limit, seven minutes

Place		Winners	Handicap	Actual Time			
First .		*	40	S. T. Worcester, '04	2 min.	54 min. 16 sec.	
Second .			-	H. F. PEASLEE, '03	3 min.	55 min. 45 sec.	
Third .				A. M. HOLCOMBE, '04	4 min. 30 sec.	58 min, 56 sec.	

Runs Taken in 1900-1901

1st	1	194		1	4	Newton Centre	5	miles	October	6,	1900
2d						Wellesley Hills	7	miles	October	13,	1900
3d						West Roxbury	5	miles	October	27,	1900
4th						Newton Centre	9	miles	November	3,	1900
5th						Milton	8	miles	November		
6th						Wellesley	8.	miles	November	17.	1900
7th				11.61	7.	Chestnut Hill	534	miles	December		
8th			4			West Roxbury	6	miles	March		
9th			+			Wellesley Hills	8	miles	March	23,	1901



Records

WORLD	N. E. I. A. A.	M. I. T. A. A.
9 4-5 sec. J. Owen, Jr., 1890	100-Yard Dash 10 sec. A. Austenius Amherst, 1898	10 2-5 sec. R. W. Carr, '95
21 sec. B. J. WEFERS, 1897	220-Yard Dash 22 1-5 sec. H. H. CLOUDMAN Bowdoin, 1900	23 sec. R. W. CARR, '95
47 sec. M. W. Long, 1900	440- Yard Run 50 1-5 sec. G. B. Shattuck Amherst, 1891	J. A. ROCKWELL, '99
1 min. 53 2-5 sec. C. H. KILPATRICK, 1895	880-Yard Run 2 min. D. C. HALL Brown, 1898	2 min. 6 2-5 sec. T. S. Spenser, '91
4 min. 15 3-5 sec. T. P. CONNEFF, 1895	One-Mile Run 4 min. 24 3-5 sec. A. L. Wright Brown, 1898	4 min. 37 4-5 sec. G. CLAPP, '95
9 min. 17 2-5 sec. W. G. GEORGE, 1884	Two-Mile Run 10 min. 3 4-5 sec. O. N. BEAN Brown, 1898	ro m. 44 4-5 sec. D. M. Pray, '99
4 min. 27 3-5 sec. J. G. HEIL, 1897	Two-Mile Bicycle 4 min. 36 4-5 sec. R. MURRAY M. I. T., 1900	4 min. 49 4-5 sec. R. MURRAY, '01
15 1-5 sec. A. C. Kraenzlein, 1898	15 3-5 sec. S. CHASE Dartmouth, 1895	16 3-5 sec. B. HURD, Jr., '96
23 3-5 sec. A. C. Kraenzlein, 1898	220-Yard Low Hurdle 25 4-5 sec. G. P. Burch M. I. T., 1898	25 4-5 sec. G. P. Burch, '99

24 ft. 4 1-2 in. A. C. Kraenzlein, 1899	Running Broad Jump 22 ft. 8 in. H. H. CLOUDMAN Bowdoin, 1900	22 ft. 1 1-2 in. A. W. Grosvenor, '99
6 ft. 5 5-8 in. M. F. SWEENEY, 1895	Running High Jump 5 ft. 9 3-4 in. I. K. BAXTER Trinity, 1896	6 ft. 1-2 in. C. D. HEYWOOD, '93
47 ft. G. R. Gray, 1893	Putting Shot (16 lbs.) 39 ft. 11 in. H. P. McDonald M. I. T., 1901	40 ft. 1-4 in. H. P. McDonald, '01
169 ft. 4 in. J. FLANIGAN, 1900	Throwing Hammer (16 lbs.) 126 ft. 1-2 in. F. C. INGALLS Trinity, 1899	107 ft. 10 1-2 in. H. W. Jones, '98
122 ft. 5-8 in. R. Sheldon, 1899	Discus Throw 108 ft. 8 in. A. W. GROVER U. of Maine, 1900	105 ft. 6 in. H. T. WINCHESTER, '03

Special Events of the M. I. T. A. A.

Event	Winners			Т	îme, Heiş	tht, or Distance
20-Yard Dash	T. W. LORD, '94				* *	3 sec.
35-Yard Dash						
Potato Race	J. A. ROCKWELL, Jr., '96	4	1	V		50 1-5 sec.
Cross Country Run (5 m.) .			*	*		
35-Yard Low Hurdle	J. W. HORR, '02					
Standing Broad Jump						
Fence Vault	A. H. GREENE, '96			-	. 7	ft. 2 1-4 in.
Relay Race (1560 yards)	M. W. HALL, 'oo					14 2-5 sec.
	F. D. AVERY, '02 K. C. GRANT, '02 N. E. BORDEN, '02 R. V. BROWN, '02		5.0	* 14		15 4-5 sec.

Technology Field Day

HE need of a fair athletic contest in which the rivalry between the two lower classes might be settled, has been met this past year by the inauguration of the "Tech" Field Day.

The thoroughness with which the event was developed by the Advisory Council and Institute Committee, the interest which the two classes showed in preparation, and the hitherto dormant Tech spirit which was *evinced* on the first Field

Day have established this contest as a Technology custom.

To stimulate the rivalry between the contesting classes a championship cup of appropriate design in silver has been offered by Samuel Cabot, an Alumnus and member of the Corporation. The cup is arranged to serve as a token of victory to the winning class in Field Day contests for the next fifty years.

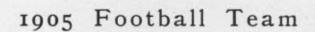
FIRST ANNUAL FIELD DAY

CHARLES RIVER PARK, Nov. 19, 1901

						1905	1904
Football Game			10		4	4	0
Tug of War	4		13	100		0	3
Relay Race	4	40	18	83	1.4	2	0
						6	3



"HE WHO SHUNS THE DUST AND HEAT OF THE ARENA SHALL NOT ENJOY THE COOL SHADE OF THE OLIVE BRANCH OF VICTORY"

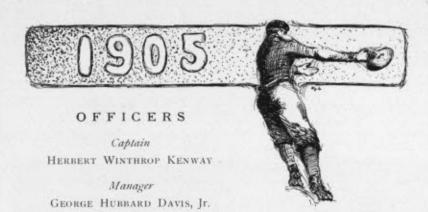




GOLDTHWAITE PAYNE NEWTON

MACKIE

HILL PEASE STRICKLAND BOGGS FULLER
DEAN LINSLEY KENWAY TAYLOR GOUINLOCK



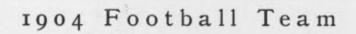
TEAM

CHARLES REID BOGGS							. Left End
BEN EDWIN LINDSLY WILLIAM STRACHAN GOUINLOCK		,					. Left Tackle
RONAN CALESTUS GRADY .		19					. Left Guard
HERBERT WINTHROP KENWAY	10		10	1			. Centre
WILLIAM OLIVER TUCK, Jr					27	-	. Right Guard
JAMES CHASE PEASE) FRANK EDWARD PAYNE)		-				4	Right Tackle
SIDNEY TALBOT STRICKLAND .				1.4			. Right End
EDWIN BRUCE HILL					*		Quarter-Back
Winfred Albert Taylor .							Left Half-Back
Lawrence Usher Fuller Mitchell Mackie Lee Faulkner Goldthwaite							Right Half-Back
SAMUEL BAILEY NEWTON) HENRY LAWRENCE DEAN	1	1		4.	2		. Full-Back

Schedule of Games

					Score
October	23	Technology, 1905, vs. Newton High School .			5-17
October	30	Technology, 1905, vs. Cambridge M. T. S.			18 - o
November	2	Technology, 1905, vs. Brighton High School .			12 - 16
Dovember	6	Technology, 1905, 718. Cambridge High and Latin	Sch	ool	18 - 0
November	9	Technology, 1905, vs. South Boston High School			6- 0
November	19	Technology, 1905, vs. Technology, 1904			16- 0
	13,1181.	11 (62)			

Percentage of games won, 66%





LEARY BOGGS
BEE FAIRFIELD BROWN ROBERTS ANDERSON CARD HOMER TOMPKINS
LANG BARY EMERSON WHITE METCALFE COCKEREL POWELL
BRADLEY SMITH KEENE



0908

OFFICERS

Captain
JULES EDWARD WHITE

Manager
MERTON LESLIE EMERSON

TEAM

PRESTON MORRIS SMITH	2	Ta.	-0	14	- 2	7	. Left End
GEORGE ALBERT FAIRFIELD .	- 2	100	-	-		100	. Left Tackle
FREDERICK SANFORD ANDERSON							. Left Guard
FRANK EVERETT RAYMOND .	4	14		- 1			Centre
CHARLES FREDERICK HUNTER					10		
ARTHUR OSBORNE ROBERTS .	- 3				10		Right Tackle
WILLIAM BRENTON BOGGS .							. Right End
WALTER THOMAS KEEN							
STEPHEN LAWRENCE BRADLEY	16		18	- 5	200	- 5	Quarter-Backs
CURRIER LANG							Left Half-Back
Jules Edward White							Right Half-Back
JAMES GARRISON METCALFE .	12	1	100			-	. Full-Back

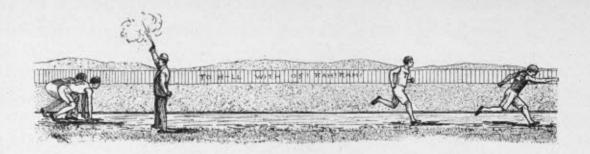
Substitutes

DMITRI BENJAMIN BARY	JOHN FORD CARD
Albert Wilson Bee, Jr.	EMMET COCKRILL
CHARLES EDWARD BROAD	GEORGE ALDEN CURTISS
JAMES PATRICK BUCKLEY, Jr.	GEORGE HARDY POWELL
MAURICE CRAUDS	one Townsen

Schedule of Games

Technology, 1904, vs. Tufts, 1904			0			6 - o
Technology, 1904, 21s. Dorchester A. A.						 11- 0
Technology, 1904, 78, Harvard, 1905	100	- 10			+	0-17
Technology, 1904, vs. Technology, 1905			-	-		 0-16

Percentage of games won, 50



1904 Relay Team

Captain

J. W. CROWELL

C. R. HAYNES

C. F. UNDERHILL

E. L. Doyle

G. Bouscaren

E. G. ORINGTON

C. SAVILLE

H. M. FLINN

S. T. Worcester

C. H. STEBBINS

H. H. NEEDHAM

E. J. HURLEY



Tug of War Team

Captain

E. O. HILLER

R. E. Adams

I. C. BAKER

C. C. CARHART

L. CLOUGH

F. CRARY

A. M. DEANE

G. W. EASTMAN

O. D. Fellows, Jr.

D. L. GALUSHA

L. R. GRANT

W. E. HADLEY

T. M. HAMILTON

J. H. HARNETT

C. L. Homer

C. Hoy

W. A. KEMPER

H. KRAMER

M. A. O'CONNOR

A. P. PORTER

M. C. RICHARDSON

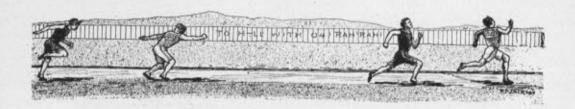
E. L. RUPF

G. W. SANBORN

E. T. Wood

B. A. YODER





1905 Relay Team

Captain

T. E. JEWETT

G. E. TURNER F. H. Аввот

> F. D. WEBSTER C. A. LORD

> > L. B. TURNER

C. R. CRAIG

F. B. RILEY

E. D. STEELE

E. B. SNCW

H. H. WEST

W. A. CLARK



Tug of War Team

Captain

T. GREEN

E. G. ALLEN S. H. AYERS

A. S. BOYNTON

J. S. Brown

F. BRYANT

E. C. CURTISS

R. DORIE

O. W. FICK

E. D. Josselyn

J. M. LAMBRICK

I. H. MCMANUS

R. W. MCLEAN

L. G. MORRILL

H. M. NAKSTEAD

R. F. PAGE

G. N. PERRY

G. W. PRENTISS

J. C. Rogers

S. SEAVER

S. S. STEVENS

D. L. SHONTHAL

G. C. THOMAS

Н. ИРНАМ

F. S. WHITE





Captain
HIRAM FRED PEASLEE

TEAM

FREDERICK JOHN FRASER, '05

CLARENCE MORGAN HARDENBERGH, '03

FRANCIS BRADFORD RILEY, '05

SAMUEL THORNTON WORCESTER, '04

Dual Cross Country Run with Harvard

December 14, 1901

Won by Harvard. 22-33

								So	HHO
							Time	Harvard	M. I. T.
1	E. W. Mills .	to	0.8	25		25	30 min. 16 sec.	I.	-
2	H. F. PEASLEE .		1.4				30 min. 48 sec.	-	2
3	W. W. GALLAGHER						31 min. 3 sec.	3	
4	F. B. RILEY .				3				4
5	J. H. HALL				2			5	
6	W. A. POWNALL	v.	100	7	15			6	-
7	J. D. CLARK .		1.4	100	100	7		7	-
8	S. T. Worcester			100	14	1			8
9	F. J. FRASER .		10	*	100	16			9
10	C. M. HARDENBERGH		14)	30	-	-		-	10

Distance: 5½ miles. Start at West Roxbury



THE NEW ENGLAND INTERCOLLEGIATE LAWN TENNIS ASSOCIATION • • •

Association was organized in February, 1900, with Amherst, Bates, Bowdoin, Brown, Dartmouth, Technology, Tufts, Wesleyan, and the University of Vermont as charter members. The Association was formed for the purpose of encouraging competition in Lawn Tennis among its members. A tournament is held in May of each

year, and each college is represented by two single teams and one double team.

OFFICERS

President

D. M. BELCHER, M. I. T.

Vice-President

A. S. MILLER, Univ. of Vermont

Secretary and Treasurer

C. H. RAY, Brown

Members of the Association

Amherst College Bates College Brown University Colby College Dartmouth College Technology Trinity College Tufts College

University of Vermont Wesleyan University Williams College

Second Annual Tournament

Longwood, May 30, 1901

Singles - Won by E. T. GROSS, Brown

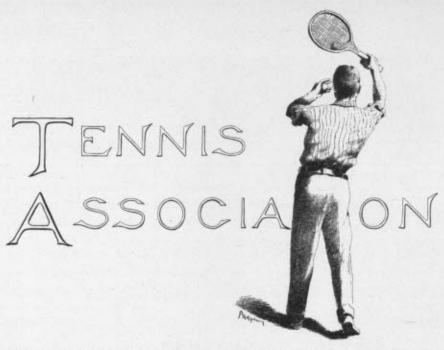
Doubles - Won by E. T. GROSS and H. H. GOODING, Brown

TECHNOLOGY REPRESENTATIVES

D. M. BELCHER

E. G. THATCHER

F. BRADLEY



THE Technology Tennis Association was organized in October, 1895. The Association courts were first laid out upon the lot where the Pierce Building now stands, but upon the erection of this building, the courts were changed to their present location, on either side of the Rogers Building. The Association holds two tournaments each year — a members' tournament in the spring, and a tournament open to all "Tech" students in the fall.

OFFICERS

President
E. H. CUTTER, '02

Vice-President
J. R. Jones, '03

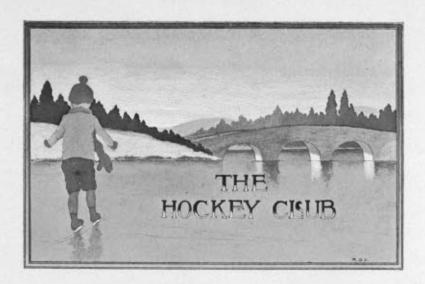
Secretary-Treasurer
P. D. A. HAWKINS, '04

Representatives to New England Intercollegiate Tournament F. BRADLEY, '02, and E. G. THATCHER, '01

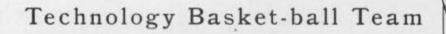
Fall Tournament

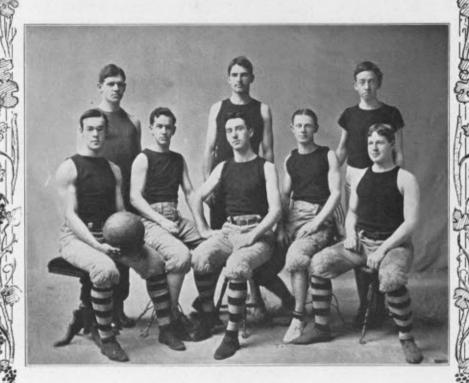
Singles — F. Bradley, '02, defeated E. H. Cutter, '02, 6-3, 6-2, 6-2

Doubles — E. H. Cutter, '02, and D. M. Belcher, '02, defeated F. Bradley, '02, and H. T. Winchester, '03, 6-4, 7-5, 17-15



Captain of Team						A	anage	r	
FRANCIS FAY HILL SMITH, '02				Н	ARRY	ALI	ARD	STI	LES, '03
	TI	EA	M						
FRANCIS FAY HILL SMITH, '02							Le	ft.	Forward
FRANK ALEXANDER FALVEY, '05	-						Le	ft l	Forward
ALBERT LOUIS MAGNITZKY, '03						-	Rig	ht l	Forward
GEORGE WILLIAM BATEMAN, '03	10	10				-	200		Forward
ARTHUR HENRY NICKERSON, '02							100		er Point
HORACE GARDNER SIMPSON, '03		116	10	-					Point
HENRY LAWRENCE DEAN, '05 .	*	34		143	36	5			Goal
Schee	dule	of	Gan	nes					
									Score
Technology 11s. Andover Town Tea	m	1.4	0	- 1	4				2 - 2
Technology vs. Jamaica Plain .		36					70	-	5-1
Technology vs. Andover Academy		360	1.0	54	-			6	2-5
Technology vs. Brookline High Sch	lool	100	3			9	34	4	1-0
Technology vs. Dorchester A. A.	31		*		*				5-3
Technology vs. Brown University									0-4
Percent	age o	f gan	es we	on, 50)				





HUNTER

WEBSTER

DOVLE

GOLDTHWAITI KEENE

LIBBEY







Captain

FRANK GARDNER COX, '03

Manager

EDWARD LEO DOYLE, '04

TEAM

GEORGE EASTMAN LIBBEY, '03	100		2.2			Right Forward
FRANK GARDNER COX, '03	10	1		-		Left Forward
WALTER SPENCER FITCH, '02						
						. Right Guard
The state of the s						. Left Guard

Substitutes

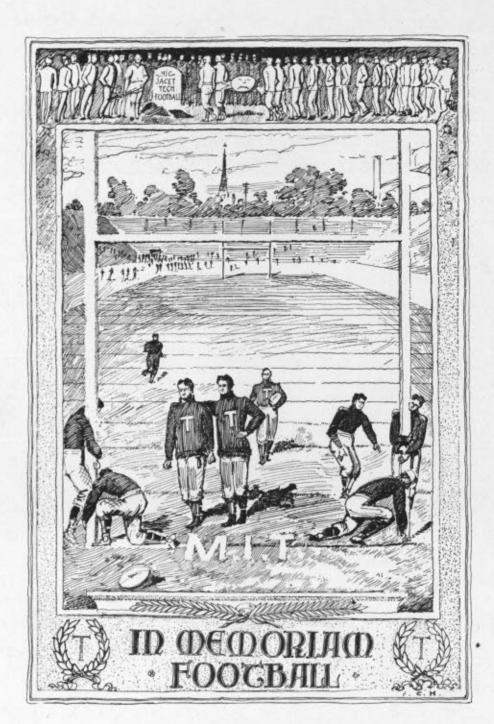
WILLIAM H. KEENE, '05

FRED WARREN GOLDTHWAITE, '04

CHARLES FREDERICK HUNTER, '04

Schedule of Games

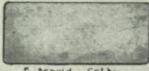
							Score
Februar	y 26	Technology vs. Andover					15-41
March	1	Technology 7/8. Brown	18			10	12-14
March	- 5	Technology vs. Haverhill Y. M. C. A.	1	11 2	1		No game
March	8	Technology vs. Holy Cross		10	2	100	No game
March	15	Technology 7/s. Amherst					
March	18	Technology vs. Harvard Freshmen .					
March	22	Technology vs. Fall River Y. M. C. A.					
March	27	PR 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					00 - 00
April	3	Technology vs. Salem Y. M. C. A.					00 - 00



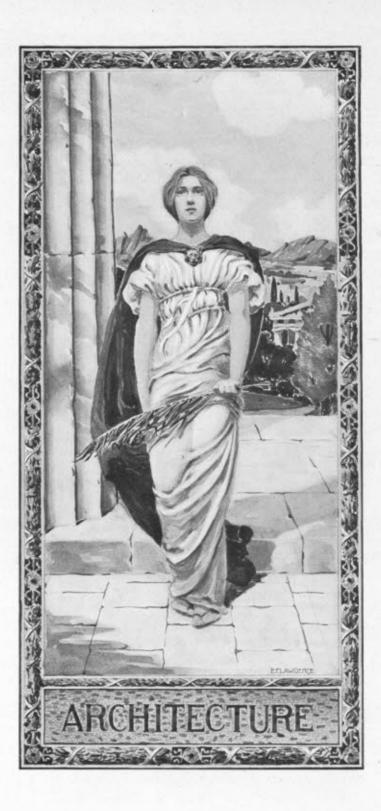
OFESSIONAL













A. C. Wood					President
C. T. BILYEA				V	ice-President
G. A. Ross	200				Secretary
O. S. SWENSON			22		Treasurer

Executive Committee

E. B. MACNAUGHTON.

R. B. Derby

R. F. Jackson

HONORARY MEMBERS

Mr. C. L. Adams Mr. T. H. BARTLETT

Mr. W. F. Brown

Prof. F. W. CHANDLER

Prof. D. DESPRADELLE

Mr. H. W. GARDNER

Mr. D. A. GREGG

Prof. E. B. HOMER

Prof. W. H. LAWRENCE

Mr. GUY LOWELL

Mr. S. W. MEAD

Prof. J. O. SUMNER

Mr. Ross Turner

Mr. C. H. WALKER

ACTIVE MEMBERS

I. R. Adam	ľ	S	
------------	---	---	--

W. T. Aldrich

A. W. ALLYN

E. W. BARTBERGER

H. E. BARTLETT

R. P. Bellows

C. T. BILYEA

A. H. BIRKS

C. H. BOARDMAN, Jr.

F. M. CHACE

N. CHAMBERLIN

B. S. CLARK

А. R. Совв

W. D. CROWELL

R. B. DERBY

H. FIGYELMESSY

J. C. FRUIT

F. H. C. GARBER, Jr.

G. C. GLOVER

M. GOLDENBERG

W. R. GREELEY

L. R. HENRICH

F. C. HIRONS

W. G. Holford

R. M. Hood

F. H. HUNTER

G. T. HYDE

A. H. JACOBS

R. F. Jackson

A. D. Jenkins

L. R. KAUFMAN

LER. E. KERN

W. R. KATTELLE

A. L. KLIEVES

H. G. Косн

A. E. LANG E. F. LAWRENCE

L. LUQUER

W. R. McCornack

E. B. MACNAUGHTON

G. M. MAGEE

E. W. MASON

F. MATHESIUS, Jr.

Z. E. MATTEOSSIAN

H. T. MUZZY

A. R. NICHOLS

W. A. PAINE

W. P. R. PEMBER

R. A. POPE

F. W. PUCKEY

A. W. RICHARDS

F. L. W. RICHARDSON

E. F. RICKER

G. A. Ross

H. W. ROWE

H. SAWYER

H. A. SCHERRER-

A. J. SCHOLTES

H. G. SIMPSON

L. H. SMITH

O. S. SWENSON

W. A. TAYLOR

G. TOWNSEND

L. E. VAUGHAN

W. J. WELLMAN

G. N. WHEAT

P. R. WHITNEY

A. C. Wood



FARLEY GANNI	TT			387		14	President
H. H. FLETCHI	ER	,	10		8	ν	ice-President
H. S. BAKER		2	20	4	2	4	Secretary
S. K. BAKER							Treasurer

MEMBERS

1902

F. D. AVERY	H. H. FLETCHER	A. E. PLACE
H. Baetjer	FARLEY GANNETT	H. B. POND
E. S. BAKER	K. C. Grant	W. PUTNAM
W. M. BASSETT	L. C. HAMMOND	G. T. SEABURY
D. M. Belcher	A. E. HANSEN	C. L. Shedd
R. H. BOLSTER	PAUL HANSEN	J. W. SMITH, Jr.
C. J. Bonnemort	C. F. Knights	J. L. TAYLOR
E. L. R. BRAINERD	A. E. Lombard	J. B. TURNER
H. McBurney	A. S. More	C. H. WALKER
W. H. FARMER	A. T. NELSON	C. Wendel
F. G. FIELD	L. Pearse	W. G. Winslow

169

1903

A. 1	P.]	12		40	821	
die 1		D	a	N.	E.	ľ.

H. S. BAKER

S. K. BAKER

C. L. BATES

J. R. BATES

H. F. BELL

C. W. BEVERSTOCK

C. A. BRYAN

C. E. CHASE

G. H. CLAPP

E. A. COMER

R. A. Соок

C. W. McCornack

C. B. Cox

H. N. Cross

H. P. DRAKE

R. M. FIELD

B. G. Fogg

W. A. HARRIGAN

F. D. HAYDEN

Н. М. Ніскок

J. W. HOWARD

R. H. Howes

F. JOHNSON

R. M. LAWTON

G. C. D. LENTH

W. V. McMenimen

H. S. MORSE

C. P. MULHERIN

V. I. NETTLETON

R. R. NEWMAN

C. P. NIBECKER

S. G. PORTER

F. J. SEVERY

1904

S. E. Armstrong

S. E. BAXTER

A. W. BEE

F. A. Biggi

B. BLUM

W. W. CRONIN

J. E. CUNNINGHAM

F. H. Davis

C. S. DEWIS

. . .

D. F. Dow

M. L. EMERSON

E. GRANGER

A. R. Holbrook

C. L. HOMER

N. M. Johnson

W. A. KEMPER

H. S. KENDALL

C. LANG

F. K. MERRIMAN

F. W. MILLIKEN

H. L. PIERCE

G. M. PROUDFOOT

M. C. RICHARDSON

J. W. ROLAND

C. SEVILLE

E. F. SMITH

C. S. SPERRY, Jr.

E. E. STETSON

W. F. TENNEY

O. G. THURLOW

M. C. Tompkins

M. C. TOMPKINS

A. P. WEYMOUTH

J. E. WHITE

G. W. C. WHITING

F. S. WILSON



WILLIAM A. DURGIN, President ALFRED W. FRIEND, Vice-President BERNARD W. CAPEN, Secretary and Treasurer

Executive Committee

C. P. TOLMAN

A. W. FRIEND, Chairman

E. E. KIMBALL

HONORARY MEMBERS

Pres. HENRY S. PRITCHETT Prof. C. R. Cross Prof. W. L. Puffer Prof. G. V. Wendell

Prof. L. DERR Prof. F. A. Laws Prof. C. L. NORTON Mr. W. S. SMITH

Mr. R. R. LAWRENCE Mr. H. W. SMITH Mr. M. DEK. THOMPSON Mr. N. E. SEAVY

MEMBERS

Class of your

	Clas	ss of 1902	
G. R. BLODGETT	A. W. FRIEND	B. W. MENDENHALL	N. SPRAGUE, Jr.
J. H. Brown	E. M. HERVEY	H. MILLIKEN	H. S. B. STIMSON
B. W. CAPEN	H. K. HOOKER	F. P. MONTGOMERY	A. E. SWAN
L. G. COBURN	J. C. Howe	E. E. Nelson	C. P. TOLMAN
J. L. CURTISS	E. E. KIMBALL	N. C. PAGE	R. E. THURSTON
H. H. Davis	H. D. LARRABBEE	C. H. PORTER	W. L. VATTER
J. W. DURKIN	J. K. LEONARD	F. C. RANDALL	C. S. Lawson
W. A. DURGIN	W. H. MATTHIES	I. W. REYNOLDS	R. P. GIFFORD
D. H. FISHER			

	Cla	ss of 1903	
I. S. BRIDGES	S. A. FLETCHER	J. HALL	R. Palmer
A. W. BRUTON	M. Ferry	L. H. LEE	F. C. REED
G. H. CLARK	I. M. GAMMONS	R. J. MacGregor	P. B. RICE
F. B. CROSBY	G. H. GARCELON	H. OSBORN	C. J. SMITH
J. J. DOOLEY	A. S. Gibbs	A. W. Pearson	B. D. Solomon
R. W. EATON	W. W. GILKER	A. Potter	F. T. TAYLOR
K. W. ENDRES	L. B. GOULD	J. A. MEARS	J. W. Welsh
W. O. EDDY			H. T. WINCHESTER

Associate Members from the Class of 1904

GUY HILL

E. L. OVINGTON



Prof. Robert H. Ric.	HAR	DS			Ho	norary	President
LOUIS S. CATES .					**		President
ARTHUR H. SAWYER	20	24	Vi	ce P	residen	it and	Treasurer
ALEXANDER HEALY		14		14			Secretary

Executive Committee

L. S. CATES		W. H. COMINS		C. F. GREEN
	A. HEAEY		A. H. SAWYER	

HONORARY MEMBERS

PRES. HENRY S. PRITCHETT

Prof. R. H. RICHARDS	Prof. R. H. Lodge
Prof. Wm. H. NILES	Prof. G. H. BARTON
Prof. A. E. Burton	Prof. A. G. Robbins
Prof. H. O. HOFMAN	Prof. Wm. O. Crosby
Prof. H. P. Talbot	Mr. F. J. Moore

ACTIVE MEMBERS

J. Alsberg	
C. D. Brewer	
G. Bright, Jr.	
C. H. BURR	
L. S. CATES	
A. J. Church	
W. H. COMINS	
H. M. CHAPMAN	
W. L. Cook	
H. O. COMMINS	

M. L. NAGLE
P. C. Pearson
F. D. RATHBURN
C. A. SAWYER, Jr.
A. H. SAWYER
J. B. Simon
C. H. Sisson
C. A. SMITH
C. S. Thomas

F.	G. Вавсоск	
R.	D. Barson	
G.	A. BARNABY	
A.	F. BENNETT	
M.	Brown, Jr.	
H.	W. BUHLER	
C.	H. COOPER	
D.	COPELAND	
W.	M. DRURY	
G.	R. GAENSLES	V
E.	G. GOODWIN	
J.	M. GRICE	
C.	F. GREEN	
-91	M. HAMILTO	

P. J. PITNER
L. B. RAPP
C. A. SCHMIDT
L. E. SMITH
F. A. Sherman
B. A. Shaw
H. A. STILES
L. H. Underwood
E. Wastcoat
R. B. WILLIAMS
M. Wertheimer
C. M. WALLACE
R. B. YERXA

R. E. ADAMS	5
D. A. BARY	
W. B. Boggs	š
W. S. BROWN	V.
C. C. CARHA	RT
J. F. CARD	
A. L. COUPE	
H. V. DOHER	RTY

O. D. Fellows, Jr.
R. S. HAMILTON
E. A. Holbrook
F. W. HORTON
R. HAYDEN -
M. R. Magnuson
S. J. MARTENET, Jr.
H. MERRYWEATHER

H. F. Noyes
P. M. PAINE
W. P. SCHUMACHE
J. W. Shaw
R. T. SULLIVAN
F. N. Turgeon
F. H. WILDER
A. W. Wells



President
HEWITT CROSBY

Vice-President
PAUL REVERE PARKER

Secretary
Charles O. Egerton

Treasurer
Howard Chubbuck Turner

HONORARY MEMBERS

Prof. C. H. Peabody

Prof. William Hovgaard

Mr. W. S. Leland

Mr. W. S. Newell

MEMBERS

C. B. Allen	C. O. EGERTON	F. L. Higgins	H. A. SWANTON
A. L. APPLETON	H. A. EVERETT	R. LAGE	G. S. TAYLOR
S. R. BARTLETT	F. R. FARNHAM	W. McEntee	W. O. TEAGUE
W. J. Bay	W. B. FERGUSON	L. W. MILLAR	R. E. TITCOMB
G. C. CAPELLE	H. A. FERRIN	C. B. Moseley	H. O. TROWBRIDGE
E. J. CRONENBOLD	H. FITZLER	C. E. PATCH	H. C. TURNER
H. Crosby	A. GARDNER	P. R. PARKER	E. WALKER
W. P. Cross	S. A. GARDNER	E. C. Scofield	L. Wehner
P. R. DICKSON	J. E. HARLOW	O. P. SCUDDER	Miss L. G. Weld
F. C. DURANT	A. H. HEPBURN	J. A. SPILMAN	H. R. WHITE
E. O. EASTWOOD			



J. F. Ancona, President
C. S. Aldrich, Secretary
U. F. Doran, Vice-President
W. H. Adams, Treasurer

Executive Committee

L. W. ADAMS

J. W. AYLSWORTH J. F. ANCONA

E. J. RUXTON

J. F. Doran

HONORARY MEMBERS

Prof. GAETANO LANZA

Prof. Peter Schwamb Prof. Allyne L. Merrill Prof. Edward F. Miller Prof. Charles F. Park

ACTIVE MEMBERS

C. M. ALLEN	W. S. FITCH	A. H. NICKERSON	C. C. STOVER
H. A. AMES	J. M. FITZGERALD	E. P. PITTS	E. W. STURTEVAN
C. B. Annett	R. L. FROST	C. R. PLACE	T. H. TAFT
J. W. BALLARD	H. A. GEORGE	E. T. POLLARD	H. O. TROWBRIDGE
S. R. BARTLETT	H. N. HUNT	R. PROCTOR, Jr.	P. WEEKS
N. E. BORDEN	K. LOCKETT	F. A. Robbins, Ir.	H. W. WESTCOTT
M. BRODIE	J. Mahar	J. R. SCOTT	W. L. WETMORE
H. B. CANBY			L. E. WILLIAMS
A. L. COLLIER	H. S. MAY	C. D. STARR	W. H. WILLISTON
H. Y. CURREY	R. Mayo, Jr.	H. W. STEBBINS	
		1903	
L. W. Adams	W. H. Donovan	B. W. LATHAM	E. W. Pelton
W. H. Adams	J. F. DORAN	G. E. LIBBEY	W. C. ROTT
C. S. ALDRICH	G. M. HARRIS	J. L. Lyon	E. J. RUXTON
J. F. Ancona	K. D. JEWITT	C. J. McIntosh	T. E. SEARS
I. F. ATWOOD	R. R. JORDAN	J. P. MANNING	G. E. SIBBETT
J. T. CHENEY	J. S. Joseph	R. H. NUTTER	G. W. SWETT
F. G. Cox	P. I. KEARNEY	V. M. PALMER	



Executive Committee

GEORGE W. BLODGETT

EDMUND H. HEWINS

DESMOND FITZ GERALD

CHARLES T. MAIN

JAMES P. MUNROE

Technology Student Life

98



HE question of student life—how to make it helpful by modest social contact without interrupting the obligations of scholarship—has been one which has been a source of difficulty since the very inauguration of universities.

In the universities of the Middle Ages, such as the famous Bologna, the students

banded together into separate "nations." In the time of Roger Bacon there were 20,000 students at Bologna alone, and the student organizations completely dominated the University. They elected the Rector, and through him controlled the Faculty, and on more than one occasion used this power to dismiss an unpopular professor.

■ The English colleges, after which our American colleges were patterned, have ordinarily solved the problem by dormitories or living quarters where the students reside, under greater or less supervision from college officers. This plan has been followed in this country by the older colleges, especially by those in smaller cities.

■ In German universities there is absolutely no provision for regulating the living places of students or for providing them with quarters. The very idea is one wholly foreign to the German university life, which life is based upon the principle of absolute liberty for professor and student. Lehr frei hirt und Lern frei hirt are the watchwords of university life in Germany — freedom of teaching and freedom of learning, which involves, also, the freedom not to learn if one so wills.

■ The great State Universities of our Western states have followed the German habit in this matter, but these institutions are, without exception, in small towns where the keeping of student boarding houses is the chief business of the inhabitants. The problem of living, and at inexpensive rates, is therefore easily solved in such places.

The University of Pennsylvania, situated in the midst of Philadelphia, houses its students in dormitories.

■ Columbia University, like the Institute of Technology, finds itself in the midst of a great city. Near its new site, dormitories for women students have been erected and it is understood that dormitories for men are to follow.

The need for some solution of the problem of room and board for the students of the Institute has long occupied the attention of those in authority. The demand for a closer contact and for better chances for each man to measure himself against his neighbor is one clearly recognized. This need will be partly met by the new Walker Memorial Building, which will be the focus of student social life. The problem of providing, at reasonable rates, wholesome and attractive quarters, is one yet to be solved. One step toward this solution, however, is to be made in the erection of the new Technology Chambers, with rooms for about 175 men.

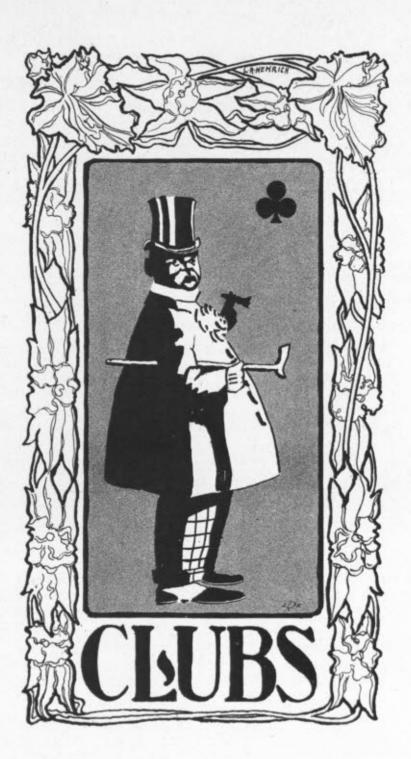
An examination of the plans of this building, which is being erected by a company not officially connected with the Institute, shows that it will be one of the most comfortable and commodious student houses in the country. The rooms are plain, but well ventilated, sitting-rooms and bath-rooms are of ample dimensions, the dining-room is large enough to seat at one time all who have rooms in the building, although students may room here and get their meals elsewhere.

It will resemble rather the English University houses than the ordinary college dormitory, and will undoubtedly soon gather its traditions to enhance the attractiveness of the life in it. It is expected that the President of the Institute Committee will live in the house, and that he will perhaps act in a sense as the head of the house in representing student hospitality. Unquestionably those who have the good fortune to live here will have advantages of a very real sort.

The expense of living in the Technology Chambers will be about that of the better class of boarding houses. With land at the price which real estate in Boston brings, and with taxes to be paid, it would be impossible to offer rooms at less than the better boarding houses ask. The owners of the Technology Chambers are, however, men who are interested in students and will make these rates as low as they can be made and afford a small margin of profit.

A plan is also on foot for the erection of a similar house on cheap land, just outside the city and within fifteen minutes of the Institute by electric cars. It would be possible here to offer board and rooms at prices as low as those of the cheaper boarding houses, and under conditions where students may have access to light and air and exercise. It is greatly to be hoped that this plan may come to early fruition. In one way and another it is believed that student life at Technology will be made richer and happier and fuller as years go on. To preserve its old-time spirit of earnest work and of democratic ideals, and yet at the same time to give each man the opportunity to touch elbows with his classmates, to foster a generous and brave college spirit, to offer to the student four years of honest work from which he shall go into the world, not only able to stand on his feet as a man, but with the love of his fellow students and of his alma mater in his heart—this is the hope and the purpose of the friends of the Institute.







Executive Committee

THAYER PRESCOTT GATES HENRY KENT CHAPIN

MEMBERS

ALFRED WARREN ALLYN
ALLEN LANSING APPLETON
JAMES EVANS BARLOW
FRANKLIN SEAVER BRADLEY
HENRY KENT CHAPIN
ROBERT SEAVER EDWARDS
JOSEPH KITTREDGE ELLIOTT
RALPH STOWELL FRANKLIN
THAYER PRESCOTT GATES
ARTHUR PETERSON GERRY

FRANK EMMONS GUILD
ROBERT FULLER JACKSON
CARL KING
ALFRED ERNEST LANG
ELLIS FULLER LAWRENCE
JOHN JOSIAH LEE
GEORGE CHADWICK RICHARDS
HERMAN ROSWELL SIMMONS
HENRY WILMARTH WESTCOTT



. . . President J. Russell Jones JOHN F. CARD Vice-President C. Waldo Adams . . . Secretary and Treasurer

Executive Committee

CLARK E. WARREN LEBARON TURNER

MEMBERS

C. Waldo Adams HORACE S. BAKER JOHN F. CARD JOHN T. CHENEY EDWARD H. CUTTER HAROLD Y. CURREY WALTER M. DRURY THOMAS W. FOOTE JOSEPH R. JONES

KENNETH LOCKETT GEORGE C. D. LENTH GEORGE M. PROUDFOOT CHARLES A. SAWYER, Jr. LEBARON TURNER HERBERT S. WALKER CLARK E. WARREN WILLIAM WATERMAN, Jr. LAWRENCE H. UNDERWOOD



Executive Committee

F. Z. BROWN, Virginia

J. B. RAPIER, Alabama

L. F. GOLDTHWAITE, Kentucky

F. T. TAYLOR, Virginia

L. G. Willson, Tennessee

HONORARY MEMBER

PRES. HENRY S. PRITCHETT

MEMBERS

F. P. BEDFORD, Missouri

J. O. BEDFORD, Missouri

C. R. Boggs, Dist. of Columbia

W. B. Boggs, Dist. of Columbia

F. Z. BROWN, Virginia

W. B. CAIN, Kentucky

J. F. Dunn, Florida

E. O. EASTWOOD, Virginia

N. L. EMERSON, N. Carolina

L. F. GOLDTHWAITE, Kentucky

T. GREEN, Kentucky

W. C. MARTIN, Texas

J. B. MARVIN, Jr., Kentucky

S. J. MARTINET, Maryland

J. G. METCALFE, Kentucky

W. D. B. MOTTER, Jr., Missouri

C. P. MULHERIN, Georgia

J. H. PAYNE, N. Carolina

D. C. PICARD, Louisiana

S. G. PORTER, Texas

J. B. RAPIER, Alabama

A. W. RICHARDS, Dist. of Columbia

F. T. TAYLOR, Virginia

R. E. L. TAYLOR, Virginia

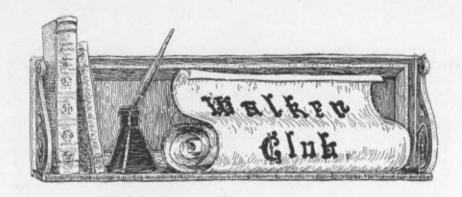
W. TURNER, Texas

N. WHEAT, Texas

G. D. Wilson, Tennessee

L. G. Wilson, Tennessee

W. T. Wilson, Dist. of Columbia



FACULTY MEMBERS

Prof. Arlo Bates
Mr. Joseph Blackstein
Prof. Charles R. Cross
Prof. C. F. A. Currier
Prof. Davis R. Dewey
Prof. George T. Dippold
Prof. H. Niles
Prof. Henry G. Pearson

Pres. Henry S. Pritchett Prof. William Z. Ripley Mr. Archer T. Robinson Prof. William T. Sedgwick Prof. John O. Sumner Prof. Harry W. Tyler Prof. Frank Vogel

MEMBERS

HOWARD BREED
ALDEN GLOVER DREW
JOSEPH KITTRIDGE ELLIOTT
BERTRAM W. B. GREENE
DENNIE KELLEY KELLER
RUSSELL BRYANT LOWE

EDWARD FRANCIS PARKER, Jr.
ALFRED PEABODY
MELVIN HUMBERT SCHWARTZ
CLARK DAVIS LYMONDS
EVERETT PENDLETON TURNER
EVERETT LYMAN UPHAM



EDITH A. BECKLER .	1		. 5		. President
Edna D. Stoddard					
Lydia G. Weld .					. Secretary
ALICE MCCARTHY .			100	7	. Treasurer

MEMBERS

Edna G. Bailey
SARAH E. BATES
EDITH A. BECKLER
E. MAY W. BEST
ALICE F. BLOOD
LLORA R. CULVER
KATHERINE DEXTER

JESSIE G. GIBSON
CLARA E. HAM
BEULAH C. HILL
ALICE MCCARTHY
ELEANOR RATHBUN
LUCY M. STEVENSON

AVA M. STODDARD
EDNA D. STODDARD
ELOISE M. WELD
LYDIA G. WELD
FLORENCE L. WETHERBEE
ELIZABETH L. WILLIAMS



MEMBERS

C. L. BATES W. L. GOUINLOCK L. E. SCHLEMM
R. H. BOLSTER L. W. HAMMETT J. R. SCOTT
C. B. COX C. M. HARDENBERGH T. B. TERNAN
A. M. DEANE GUY HILL G. D. WILSON
H. W. EDMUNDS F. W. MILLIKEN



I. R. Adams .		047		35	2	2.2	. President
H. H. FLETCHER					4		Vice-President
E. L. DOYLE .	3		-	17.	Secr	etary	and Treasurer

Executive Committee

I. R. Adams	E. L. Doyle
H. H. FLETCHER	J. R. BATES

MEMBERS

J. AGUILAR	A. B. Potter	D. L. Davis
E. L. Doyle	С. Ј. Ѕмітн	A. C. Fuentes
I. R. Adams	J. H. Draper	G. B. Astell
G. Atkins	H. L. DEAN	E. CUESTA
D. B. Bary	L. MORRILL	J. R. BATES
H. H. FLETCHER	P. P. MANTA	H. C. FISH
R. L. FRANKLIN	A. J. Ortseifen	G. E. TURNER
J GURZA	H. K. Lowry	L. F. Myers
I R JONES	W. Brown	



MEMBERS

RENSHAW BORIE

FULTON CRARY

RICHARD M. FIELD

**

ERNEST HARRAH

JAMES D. IRELAND

EDWIN E. KIMBALL

CHARLES J. MCINTOSH

Albert M. Read

C. Borie Rhodes

The Modern Solomon

11

MY name is Solomon Ridler, My store's on Boylston street; It's there you buy your paper punched, At fifteen cents a sheet. Nickel notebooks for a dime -The extra five's for rent -And all I charge for making change Is twelve and a half per cent. O Solomon Ridler, With the perpetual frown, Prices always going up, And never going down. Second-handed books for sale, At double the price of new, And if you buy a dollar's worth, I'll stick you in change for two. Fountain pens that will not write (See what you save in ink).

All these and more are at my store, Call round and bring some chink.



The Tech

HE TECH has now for twenty years been the official organ of the student body. When it was first published, in 1881, it was a bi-weekly. Since then it has become a weekly and is now published every Thursday. This year the Editors have resumed the illustrated cover idea, which was carried out in '97 and '98. The Tech Board of Editors is chosen by competition from the student body, with the idea of having each class fairly represented.

Editors-in-Chief and Business Managers of "The Tech"

'81-'82

A. W. WALKER. Editor-in-Chief

S. M. Ulmer, General Advertising Agent 182-183

H. S. CHASE, Editor-in-Chief

C. W. WILDER, General Advertising Agent

'83-'84

A. D. LITTLE, Editor-in-Chief

I. W. LITCHFIELD, General Advertising Agent

184-185

T. W. FRY, Editor-in-Chief T. Stebbins, Advertising Agent

185-186

W. R. INGALLS, Editor-in-Chief

T. Sterbins, Advertising Agent

'86-'87

S. WARREN, Editor-in-Chief H. C. Spaulding, Advertising Agent

S. WARREN, Editor-in-Chief R. Robb, Advertising Agent

'88 - '89

G. T. GREELEY, Editor-in-Chief J. L. MAURAN, Advertising Agent

189-190

J. L. BATCHELDER, Editor-in-Chief

'90 - '91

THEO. SPENCER, Editor-in-Chief H. N. WILLIAMS, Business Manager

91-92

F. H. HOWLAND, Editor-in-Chief H. N. WILLIAMS, Business Manager 92-93

H. L. RICE, Editor-in-Chief C. R. KNAPP, Business Manager

'93-'94

R. B. PRICE, Editor-in-Chief C. R. KNAPP, Business Manager

'94-'95

A. D. FULLER, Editor-in-Chief

H. P. CODDINGTON, Acting Manager

'95-'96

C. G. Hyde, Editor-in-Chief

W. R. STRICKLAND, Business Manager

'96-'97

C. E. A. Winslow, Editor-in-Chief

W. R. STRICKLAND, Business Manager

'97 - '98

C. E. A. Winslow, Editor-in-Chief W. R. STRICKLAND, Business Manager

'98-'99

M. BARNEY, Editor-in-Chief

E. B. COOKE, Business Manager

S. G. H. FITCH, Editor-in-Chief

T. W. Brigham, Business Manager

'99-'00

I. R. Adams, Editor-in-Chief

T. W. BRIGHAM, Business Manager

'00-'01

H H. SAYLOR, Editor-in-Chief

A. S. MORE, Business Manager

'01-'02

R. C. TOLMAN, Editor-in-Chief P. M. SMITH, Business Manager

Technique

ECHNIQUE first made its appearance at the Institute in 1885. It was called "Technique '85," and was published by the Class of '87. Although it was but a pamphlet, it showed that there was a demand for such a publi "TECHNIQUE '89" was the first to depart from the pamphlet form. TECHNIQUE has developed with remarkable rapidity into the most handsome of all college annuals and is named after the class that publishes it. The Board of Editors is of the Junior Class and is chosen by the Electoral Committee at the end of the Sophomore year.

Editors-in-Chief and Business Managers of "Technique"

TECHNIQUE '8;

F. P. GULLIVER, Editor-in-Chief H. C. SPAULDING, Manager

TECHNIQUE '86

G. E. CLAFLIN, Editor-in-Chief L. A. FERGUSON, Manager

TECHNIQUE '87

J. L. MAUBAN, Editor-in-Chief R. L. RUSSELL, Manager

TECHNIQUE '89

H. E. HATHAWAY, Editor-in-Chief F. C. Blanchard, Manager

TECHNIQUE '90

F. METCALFE, Editor-in-Chief H. M. WAITE, Manager

TECHNIQUE '92

R. WATERMAN, Jr., Editor-in-Chief A. L. GOETZMANN, Manager

TECHNIQUE '93

L. B. Dixon, Editor-in-Chief

A. L. KENDALL, Manager

TECHNIQUE '94

R. K. SHEPPARD, Editor-in-Chief

A. M. Robeson, Manager

TECHNIQUE '95

A. D. FULLER, Editor-in-Chief A. L. CANFIELD, Manager

TECHNIQUE '96

BENJ. HURD, Jr., Editor-in-Chief

A. D. MACLACHLAN, Manager

TECHNIQUE '97

W. BANCROFT, Editor-in-Chief T. WASHBURN, Manager

TECHNIQUE '98

R. S. WILLIS, Editor-in-Chief

H. I. LORD, Manager

TECHNIQUE '99

C. RENSHAW, Editor-in-Chief

A. L. HAMILTON, Manager

TECHNIQUE '00

L. Stewart, Editor-in-Chief

G. H. Belknap, Manager

TECHNIQUE 'OI

J. T. Scully, Jr., Editor-in-Chief

P. H. PARROCK, Manager

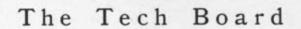
TECHNIQUE '02

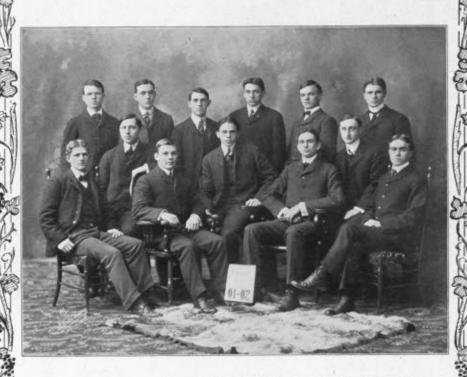
C. A. SAWVER, Jr., Editor-in-Chief A. E. LOMBARD, Manager

TECHNIQUE '03

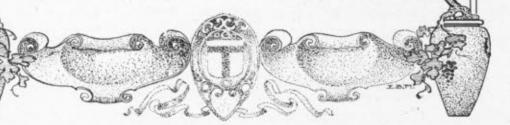
H. S. MORSE, Editor-in-Chief

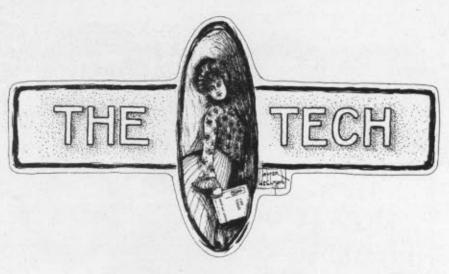
J. T. CHENEY, Manager





ADAMS ELWELL JOHNSTON GODDARD GRAESSER HARRAH
SAWYER ATKINS SCHERRER
WELLMAN SMITH TOLMAN MORSE





Editor-in-Chief
RICHARD C. TOLMAN, 1903

Assistant Editor-in-Chief G. E. ATKINS, 1904

Secretary
H. W. GODDARD, 1904

Alumni Editor
C. H. Graesser, 1905
C. W. Sawver, Jr., 1902 I. Rayne Adams, 1902
* H. S. Morse, 1903

Art Editors
W. J. Wellman, 1902 H. A. Scherrer, 1903

Business Manager
PRESTON M. SMITH, 1904

Assistant Business Manager C. W. JOHNSTON, 1905

⁸ Mr. Morse was Editor-in-Chief during October and November, 1901





Editor-in-Chief
HOWARD SCOTT MORSE

Associate Editors
GEORGE WRIGHT SWETT GEORGE DAVIS WILSON

Society Editor
GEORGE BABCOCK WOOD

Athletic Editor
HENRY THORNTON WINCHESTER

Statisticians

LAWRENCE HARGREAVE LEE HEWITT CROSBY

Art Editor-in-Chief
ROBERT FULLER JACKSON

Assistant Art Editors
LEWIS ROGERS KAUFMAN
ANDREW HOPEWELL HEPBURN

Business Manager

JOHN TYRRELL CHENEY

Assistant Business Managers
WILLIAM WINSLOW BURNHAM
PAUL REVERE PARKER

MECHNOLOGY QUARMERLY

THE TECHNOLOGY QUARTERLY is the official scientific and technical journal of the Institute, and is conducted in order to provide a ready means of publication for the results of research carried on by officers and students in the Laboratories, and by graduates after leaving the Institute. The Quarterly was founded by students of the Classes of 1887 and 1888, William S. Hadaway, Jr., '87, was the first Editor-in-chief, and was followed the next year by Francis R. Hart, '89. After two years as a student publication, The Quarterly was transferred to the charge of a Committee of the Faculty, and Mr. James P. Munroe, now a Member of the Corporation, was appointed Editor. In 1892 The Technology Quarterly was taken over by the Society of Arts and united with its Proceedings, and since then it has been conducted by an Editor and a Board of Publication appointed by the Executive Committee of the Society of Arts.

Board of Publication

WILLIAM T. SEDGWICK, Ph.D., Chairman

CHARLES R. CROSS, S.B. DWIGHT PORTER, Ph.B.

A. LAWRENCE ROTCH, S.B., A.M. ROBERT P. BIGELOW, S.B., Ph.D.

Editor

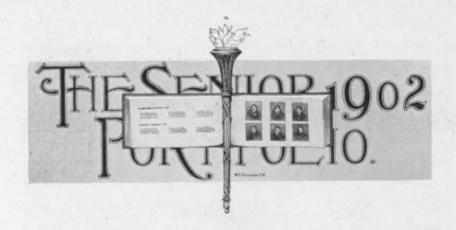
ROBERT PAYNE BIGELOW, S.B., Ph.D.



Association of Class Secretaries. Its object is to promote the welfare and advancement of the Massachusetts Institute of Technology, by keeping its graduates and others interested in its progress in touch with it. In its articles are discussed the growth and expansion of the Institute, the general problems of education that pertain to it, and the important achievements, both in engineering and science, of its past students. It also reports in an informal way the actions taken by the Corporation and the Faculty, the meetings of the Alumni Associations, and the news relating to the Technology Club, to student organizations, and to the social life of the Institute in general. It presents also the personal information obtained by the Class Secretaries in regard to the occupations and activities of former students. It has already a large circulation and is an important factor in extending the knowledge of the work that the Institute is doing.

Committee on Publication

James P. Munroe, '82 Walter B. Snow, '82 LEONARD METCALF, '92 ARTHUR A. NOVES, '86



1902 PORTFOLIO COMMITTEE

Edson Thompson Pollard, Chairman

EDWARD SHERMAN BAKER

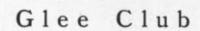
WALTER SPENCER FITCH

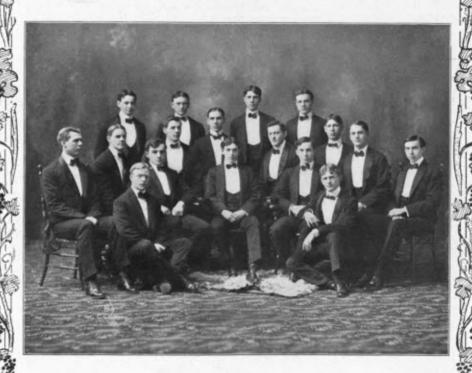
WILLIAM JASON MIXTURE

REDFIELD PROCTOR, Jr.

MUSICAL CLUBS



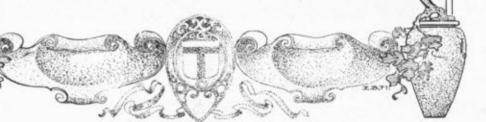


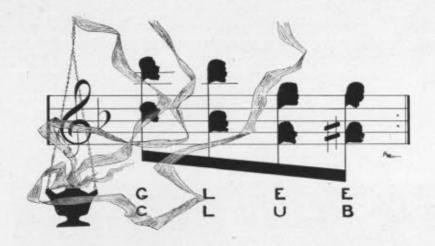


PATCH BATEMAN SIMONDS HUDSON SWENSON McDOUGALL HIGGINS BARNES TOWER UPHAM SEGAR GRABER

WILSON PATCH WILSON
WOODBURY WELLM WOODBURY

WELLMAN





CLAUDE E. PATCH, '02 Leader

First Tenors

THOMAS G. McDougall, '04 RALPH R. PATCH, '05

E. ERNEST WOODBURY, '05 OMAR SWENSON, '03

Second Tenors

GEORGE W. BATEMAN, '03

FRED L. HIGGINS, '03

CLARK D. SIMONDS, '04

First Basses

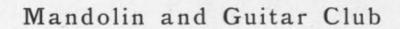
JAMES P. BARNES, '05 CLAUDE E. PATCH, '02 LEWIS G. WILSON, '03 WALTER WELLMAN, '02

Second Basses

HARRY WARREN UPHAM, '05 HENRY N. HUDSON, '02

RALPH LEROY SEGAR, '05 GEORGE D. WILSON, '03

HOWARD T. GRABER, '02



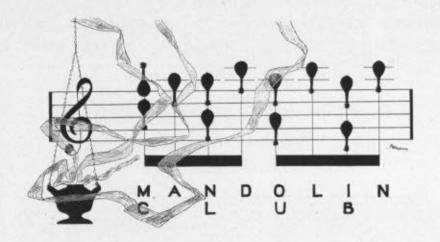


HINKLEY RICH STAPLES POOR

STAPLES POOR FALES SCHOOL
DWIN MORSE FIELD LOCKETT
LORD MAY

FALES SCHOFIELD

HAZELTINE
LOCKETT PAINE
MAYER



FRANCIS J. FIELD, '02 Leader

Mandolins

FRANCIS J. FIELD, '02 J. RUSSELL MORSE, '02 R. HAZELTINE, '04 EDWARD J. Poor, '05 CARL STAPLES, '05

W. F. GOODWIN, '04 CHARLES B. MAYER, '05 LANE SCHOFFELD, '05 PAUL MCC. PAINE, '04 WILLISTON C. RICH, '05

Guitars

STUART W. BENSON, '04

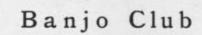
KENNETH LOCKETT, '02 ROBERT H. W. LORD, '05 PHILIP E. HINKLEY, '05

Flute

EDWARD DE WOLFE PERRY, '05

Mandola

H. HAMMETT FALES, '03





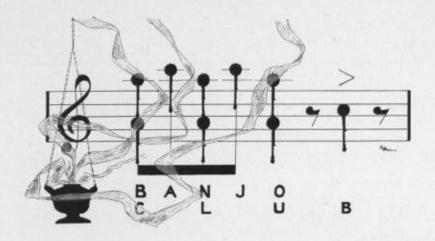
KENWAY

MCCONNELL TAYLOR

LOCKETT BELCHER WILSON

EVELAND

RUSSELL



DONALD M. BELCHER, '02 Leader

Banjeaurines

DONALD M. BELCHER, '02

ARTHUR H. SAWYER, '02 HENRY H. RUSSELL, '05 HERBERT W. KENWAY, '05

Banjos

FRANK W. McConnell, '05 Webster H. Taylor, '05

Mandolas

Lewis G. Wilson, '03 George B. Jones, '05

Guitars

STUART W. BENSON, '04

KENNETH LOCKETT, '02

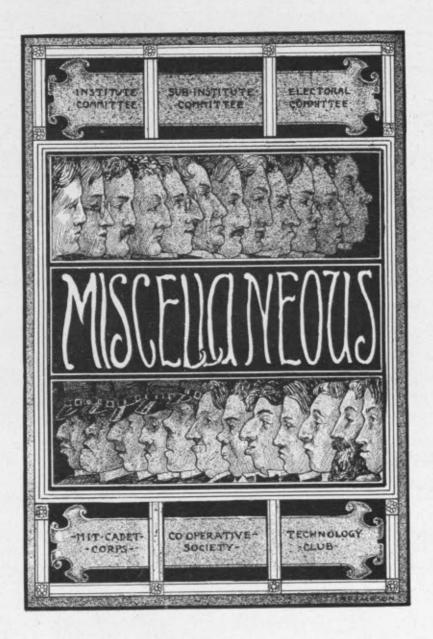
ARTHUR J. EVELAND, '02

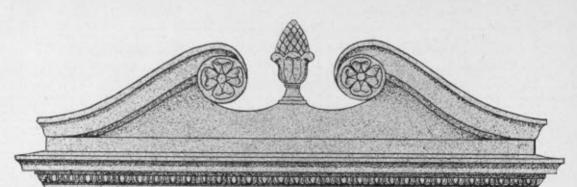
HENRY N. HUDSON, '02		3.				President
FRANCIS J. FIELD, '02					Vice-	President
LEWIS G. WILSON, '03			1		General	Manager
WALTER WELLMAN, '02	14		12	1		Secretary
J. RUSSELL MORSE, '02		Freasi	irer a	ud .	Assistant	Manager.

Schedule of Concerts 1901-1902

Nov. to	Waltham	Ian. 7	Chapin Club, Lynn
	West Newton		Jamaica Plain
	A lington	March 18	Technology Club
Dec. 11	Peabody	The state of the s	Wellesley
Dec. 18	Winter Concert	April 23	Spring Concert
Ian 1	Colonial Club, Cambridge		







INSTITUTE COMMITTEE





THE Institute Committee serves as a medium acting between the Faculty and student body upon all occasions when communication between them is required. Its field of work includes the interests of student life at Technology as a whole. The presidents of the Senior and Junior classes are President and Vice-President respectively of the committee. The Secretary-Treasurer is usually a Junior or Senior. The presidents of the two under classes are also members of the committee, and annually two representatives from each class are elected.

OFFICERS

LAWRENCE HOSMER UNDERWOOD, Rep. to Association of Class Secretaries
HENRY KEENE HOOKER, '02, Rep. to Advisory Council on Athletics
LAWRENCE HOSMER UNDERWOOD, Custodian of Trophy Room

1002

HAROLD YOUNG CURREY, Fresident
HENRY KEENE HOOKER CHARLES EMMET MCCARTHY

1903

LAWRENCE HARGREAVE LEE, President
PAUL REVERE PARKER LAWRENCE HOSMER UNDERWOOD

1004

LEONARD PRESTON BURNHAM, President
MERTON LESLIE EMERSON GUY HILL

1905

NORMAN LOMBARD, President
CHARLES WALDO ADAMS
FRANK SPENCER ELLIOTT

Of the Faculty

HENRY SMITH PRITCHETT, President

HARRY W. TYLER, Secretary



THE Sub-Institute Committee consists of ten men from each of the four classes chosen from the ten largest courses of each class. This Committee, together with the Institute Committee, acts as a medium between the Faculty and the student body.

Class of	1902	2			Class o	f 190	3		
E. L. BRAINERD			1	1	H. S. BAKER .			-	1
E. H. CUTTER	4	197	-	11	G. W. SWETT .			14	11
B. E. MCKECHNIE		2540		111	A. HEALY .		-	-	Ш
1. R. Adams .		+1		IV	L. R. KAUFMANN				IV-
R. A. Pope .			- 2	IV	W. H. WHITCOMB			-	V
R. S. WILLIAMS	+	1983		V	A. S. Gibbs .				VI
H. K. HOOKER				VI	F. A. Olmsted				X
R. V. Brown .			100	X	C. P. NIBECKER				XI
F. GANNETT .				XI	G. F. LOUGHLIN				XII
S. A. GARDNER		7		IIIX	H. Crosby .				IIIX
Class of	1904	4			Class o	1 190	5		
	1904	4	*	1	W. Tufts .	1 190	5		1
		4		I 11		1 190	5		I 11
C. L. Homer .		385		1 11 111	W. Tufts .	1 190	5		1 11 111
C. L. HOMER . R. A. WENTWORTH					W. Tufts . P. E. Hinkley	1 190	5		- 200
C. L. HOMER . R. A. WENTWORTH C. C. CARHART				111	W. Tufts . P. E. Hinkley B. E. Lindsly	1 190			Ш
C. L. HOMER . R. A. WENTWORTH C. C. CARHART H. W. ROWE .			* * * * * * *	111 1V	W. Tufts P. E. Hinkley B. E. Lindsly N. A. Richards	1 190			III IV
C. L. HOMER . R. A. WENTWORTH C. C. CARHART H. W. ROWE . K. M. BAUM .				III IV V	W. Tufts . P. E. Hinkley B. E. Lindsly N. A. Richards W. Whitehead				III IV V
C. L. HOMER . R. A. WENTWORTH C. C. CARHART H. W. ROWE . K. M. BAUM . W. F. GOODWIN H. T. KALMUS				111 1V V V1	W. Tufts . P. E. Hinkley B. E. Lindsly N. A. Richards W. Whitehead A. E. Freeman			11,	III IV V VI
C. L. HOMER . R. A. WENTWORTH C. C. CARHART H. W. ROWE . K. M. BAUM . W. F. GOODWIN H. T. KALMUS				111 1V V V1 V111 1X	W. Tufts P. E. Hinkley B. E. Lindsly N. A. Richards W. Whitehead A. E. Freeman W. G. Bent		v	II, IX	III IV V VI VIII , XI
C. L. HOMER . R. A. WENTWORTH C. C. CARHART H. W. ROWE . K. M. BAUM . W. F. GOODWIN H. T. KALMUS E. F. PARKER, Jr. C. R. HAYNES				111 1V V V1 V111 1X	W. Tufts P. E. Hinkley B. E. Lindsly N. A. Richards W. Whitehead A. E. Freeman W. G. Bent H. W. Kenway		v	II, IX	III IV V VI VIII , XI
C. L. HOMER . R. A. WENTWORTH C. C. CARHART H. W. ROWE . K. M. BAUM . W. F. GOODWIN H. T. KALMUS E. F. PARKER, Jr. C. R. HAYNES				111 1V V V1 V111 1X X	W. Tufts P. E. Hinkley B. E. Lindsly N. A. Richards W. Whitehead A. E. Freeman W. G. Bent H. W. Kenway H. F. Lewis		v	11, 1X	III IV V VI VIII , XI



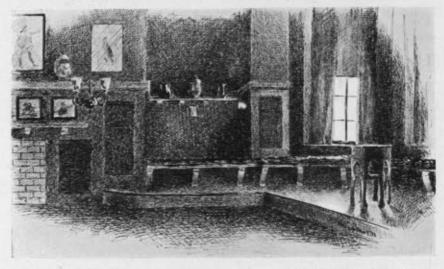
Norder that the Board of Editors of Technique may be the best that it is possible for a class to put forth, a plan was instituted in 1889, designed to accomplish this result and to make the election most representative. Near the end of the year, the Sophomore class chooses by ballot twenty-five of its members to serve as an "Electoral Committee," which then elects one of its number as chairman, another as secretary, and also a committee to draw up by-laws to govern its actions. It then proceeds to elect nine of the members of the Board of Editors from the class, consisting of three associate editors, a business manager, an assistant business manager, two statisticians, a society and an athletic editor. The artistic staff is chosen by competent outside judges, from a competition open to all members of the class. The Board, having been duly elected, then chooses one of the three associate editors to serve as Editor-in-Chief. Any vacancy which may occur after the discharge of the Electoral Committee is filled by the Board.

In the middle of this Junior year, after the Committee had performed its function, the Board of Editors felt the need of a second assistant business manager and one was accordingly elected.

1903 Technique Electoral Committee

L. H. UNDE	RWOOD	Chairman
H, T. Winc	HESTER	Secretary
R. D. Babson	G. H. Gleason	H. S. Morse
G. W. BATEMAN	J. F. HECKMAN	F. A. OLMSTED
W. E. CALLEY	R. H. Howes	H. A. Scherrer
F. B. Crosby	L. R. KAUFMAN	G. R. SPAULDING
H. Crosby	A. W. KIMBALL	H. A. STILES
J. F. Doran	L. H. LEE	S. B. TUELL
K. W. Endres	G. B. Manson	L. H. UNDERWOOD
F. R. FARNHAM	W. E. MITCHELL	H. T. Winchester
S. A. FOSTER		

TECHNOLOGY CLUB



CLUB HOUSE

83 Newbury Stree

OFFICERS

JAMES PHI	NNEV MUNROE, '82		15			President
FRANCIS H	ENRY WILLIAMS,	73			Vi	ice-President
WALTER H	IUMPHREYS, '97 .			9	2.0	Secretary
WALTER E	LBRIDGE PIPER, '8.	4 .				Treasurer

HOUSE COMMITTEE

HARRY WENTWORTH GARDNER, '94
WALTER HARRINGTON KILHAM, '89
CHARLES PERKINS MOAT, '96



Y. M. C. A.

OFFICERS

EVERETT S. UPHAM	*	17	2	75	19	President
ROBERT J. KING .		1	1			Secretary
WALTER S. FITCH						Treasurer

MEMBERS

Faculty and Instructing Staff

Pres. Henry S, Pritchett	Prof. Cecil H. Peabody
Prof. James M. Crafts	Prof. DWIGHT PORTER
Prof. JOHN D. RUNKLE	Prof. Allyne L. Merrill
Prof. Robert H. Richards	Prof. Frank Vogel.
Prof. WILLIAM H. NILES	Prof. Fred L. Bardwell
Prof. WILLIAM T. SEDGWICK .	Prof. S. Homer Woodbridge

Prof. GEORGE V. WENDELL

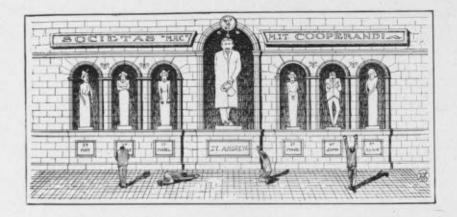
WILLIAM R. WHITNEY WILLIAM A. JOHNSON ERVIN KENISON KILBURN S. SWEET GEORGE B. HAVEN
FRANK P. MCKIBBEN
GEORGE LEROY MITCHELL
EUGENE S. FOLJAMBE

STUDENT MEMBERS

G. B. ASTELL L. H. ASBURY S. R. BARTLETT CHARLES S. BATES HERMAN F. BELL L. BIXBY PAUL A. BLAIR NORMAN E. BORDEN HAROLD O. BOSWORTH ERNEST W. CALKINS HEWITT CROSBY HOWARD S. DENHAM BARY C. EASTHAM WILLIAM A. EVANS O. D. FELLOWS MONTAGUE FERRY WALTER S. FITCH ELBERT FOWLER ALFRED W. FRIEND GEORGE FULLER DON. L. GALUSHA ARCHIBALD GARDNER J. M. GLADDING W. E. HADLEY C. R. HAYWARD

SUMNER HAZELWOOD E. B. HILL PERCY G. HILL DANIEL HINE WILLIAM G. HOLFORD W. H. KEEN ROBERT L. KING ALFRED KUDLICH RAYMOND A. LAUFFER ELLIS F. LAWRENCE GEORGE C. D. LENTH ALBERT E. LOMBARD WILLIAM C. LOUNSBURY KENT T. STOW R. B. LOWE M. EDGAR MASON ROBERT MAYS, Jr. CHARLES G. MIXTER G. B. MIXTER HOWARD MOORE ARTHUR S. MORE ARTHUR R. NICHOLS JOHN R. ODELL. CLAUDE E. PATCH RALPH R. PATCH H. LEROY PIERCE

CLYDE R. PLACE F. WILLARD PUCKEY WILLISTON C. RICH ALEXANDER W. RICHARDS BERTRAM A. RICHARDSON G. A. Ross JOHN ROYAL SANBORN HENRY C. SCHAEFFER E. C. SCOFIELD HERMAN R. SIMMONS EDWARD L. STEEL, 2d CHARLES L. STEINROK OMAR S. SWENSON G. TOWNSEND EDWIN P. TRIPP EVERETT S. UPHAM H. H. VALIQUET R. A. WENTWORTH HENRY W. WESTCOTT WM. G. H. WHITAKER, Jr. OLIVER M. WIARD CHARLES G. WILLIAMS IRVING WILLIAMS L. E. WILLIAMS



ALBERT E. LOMBARD, '02	94			Presiden
Louis S. Cates, '02 .	*	No.	. 1	ice-Presiden
LAWRENCE H. LEE, '03	 9	V	2.	Secretary
WALTER HUMPHREYS, '97	3		10	Treasure

Directors

For the Faculty

Pres. HENRY S. PRITCHETT

1902

LOUIS S. CATES

ALBERT E. LOMBARD

KENT T. STOW

1903

HEWITT CROSBY

LAWRENCE H. LEE

1904

C. F. HUNTER

A. O. Roberts



JOHN S. BRIDGES, Jr.				62	Lie	utenar	t-Colonel
F. S. ELLIOTT							Major
W. J. Sneeringer, Jr.	4			C	aptair	and.	Adjutant
W. L. SPALDING .		2	C	ptai	n and	Quar	termaster
S. C. Whipple .						Chief .	Musician
E. A. MEAD	5				Bati	talion	Adjutant

First Battalion

Company A

H. A. WENTWORTH Captain
H. E. RUSSELL . . sst Lient,
R. O. MARSH . . . 2d Lieut,
J. S. CAINE . Color Sergt.

Company B

L. W. CRONKLITE Captain
F. W. REGAN . . . rst Lieut.
C. W. HAWKES . . 2d Lieut.
R. F. LOVEJOV . . rst Sergt.

Company C

Second Battalion

Company D

Company E

J. V. GLADDING . Captain E. Lum rst Lieut. H. K. MERROW . 2d Lieut. G. E. DUNHAM . 1st Sergt.

Company F

E. M. READ, Jr. . . Captain
G. W. SCOTT . . . tst Lieut.
F. M. HILL 2d Lieut.
F. W. McConnell . . tst Sergt.

0 °

4

FOR a home on Greenland's shore,
Amid the snow and sleet,
Where I might live in peace once more,
Far from all thoughts of Heat.

The torture of my present state
Is sad beyond dispute,
For what I know of this exam,
Is zero absolute.

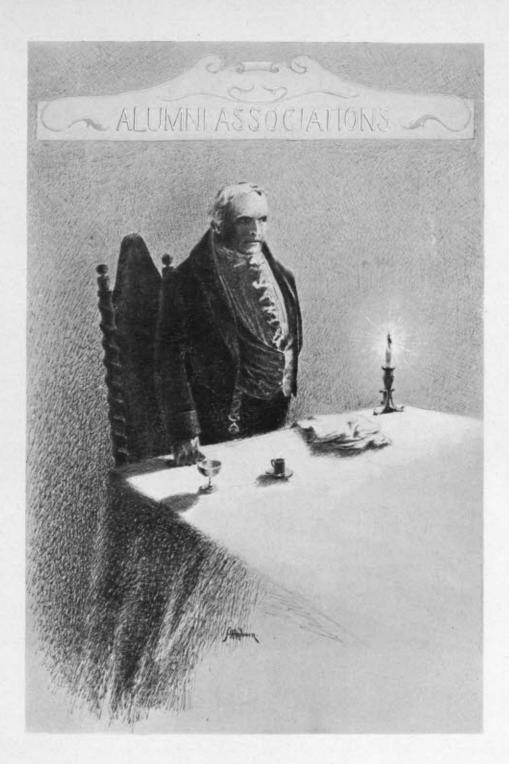
And, as I think of what will come, My blood chills at the thought. My thermometric constant then Is zero zero naught.

I am afraid that I will rise

Not even one degree,

For, ah, my scale's the scale of F,

And not the scale of C.



Alumni Associations



Technology Alumni Association

A. LAWRENCE ROTCH, '84, President

FREDERIC H. FAY, '93, Vice-President (one year)

JOHN ALDEN, '77, Vice-President (two years)

ARTHUR G. ROBBINS, '86, Secretary

60 Webster Street, West Newton

EXECUTIVE COMMITTEE

FRANKLIN W. HOBBS, '89

LOUIS A. FERGUSON, '88

FRANK L. LOCKE, '86

M. I. T. Society of New York

EXECUTIVE COMMITTEE

C. DUB. POLLOCK, '94

CHARLES A. MEADE, '94

HENRY D. HIBBARD, '77

AZEL AMES, '95

ALEXANDER RICE MCKIM, '85, Secretary and Treasurer 106 E. 23d Street, New York City

Morthwestern Association of Ab. 11. C.

1. W. LITCHFIELD, '85, President

E. L. Andrews, '94, Vice-President

E. M. HAGAR, '93, Secretary and Treasurer 1060 The Rookery, Chicago, Ill.

EXECUTIVE COMMITTEE

I. W. LITCHFIELD, '85

E. L. Andrews, '94

L. B. DIXON, '93

E. M. HAGAR, '93

C. L. BURLINGHAM, '86

L. K. YODER, '95

Connecticut Valley Alumni Association

EXECUTIVE COMMITTEE

GEORGE L. MUNN, '88, Chairman

Easthampton, Mass.

JAMES S. NEWTON, '88

HENRY A. FRANCIS, '83

HENRY SOUTHER, '86 ARTHUR D. DEAN, '95

A. I. T. Western Association

- EDWARD W. ROLLINS, '71, President BRADFORD H. LOCKE, '72, Vice-President
 - FRANK E. SHEPARD, '87, Secretary and Treasurer 924 Washington Ave., Denver, Colorado

The Tech Society of Philadelphia

SAMUEL S. SADTLER, '95, Secretary and Treasurer 336 W. Franklin St., Germantown, Philadelphia, Pa.

EXECUTIVE COMMITTEE

- Amos J. Boyden, '75 Augustus B. Stoughton, '86
- SAMUEL A. NEIDICH, '98 BENJAMIN ADAMS, '95

The Pittsburg Association of AD. 11. C.

- WILLIAM H. REA, '79, President
- ARTHUR B. BELLOWS, '89, Vice-President
- PERLEY H. BLODGETT, '95, Secretary and Treasurer
 National Tube Co., New York

The Tech Society of Western New York

EXECUTIVE COMMITTEE

EDMUND HAYES, '73

MAURICE B. PATCH, '72

HARRY L. NOYES, '90

- GEORGE A. RICKER, '86
- HENRY A. BOYD, '79, Secretary and Treasurer
 125 Erie Co. Bank Building, Buffalo, N. V.

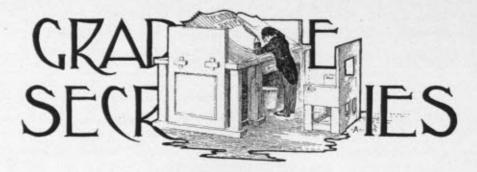
The Washington Society of Ab. 11. C.

- HARRY A. PRESSEY, '96, President PROCTOR L. DOUGHERTY, '97, Vice-President Frank O. Stetson, '88, Treasurer
 - WINTHROP COLE, '87, Secretary 1807 Riggs Place, Washington, D. C.

EXECUTIVE COMMITTEE

HARRY A. PRESSEY, '96

- FRANK O. STETSON, '88
- PROCTOR L. DOUGHERTY, '97
- WINTHROP COLE, '87
- WILLIAM J. RICH, '84



Association of Class Secretaries of the Massachusetts Institute of Technology # Members & Class Representatives



Secretary

WALTER B. SNOW

Assistant Secretary

FREDERIC H. FAY

- Yos. Prof. Robert H. Richards, Secretary Massachusetts Institute of Technology, Boston, Mass.
- '69 Mr. HOWARD A. CARSON, Representative 20 Beacon Street, Boston, Mass.
- '70 Prof. Charles R. Cross, Secretary Massachusetts Institute of Technology, Boston, Mass.
- '71 Mr. EDWARD W. ROLLINS, Secretary
 19 Milk Street, Boston, Mass.
- '72 Prof. C. Frank Allen, Secretary Massachusetts Institute of Technology, Boston, Mass.
- '73 Mr. Samuel E. Tinkham, Secretary
 City Hall, Boston, Mass.
- '74 Mr. Charles F. Read, Secretary
 Old State House, Boston, Mass.
- '75 Mr. E. A. W. HAMMATT, Secretary
 53 State Street, Boston, Mass.
- '76 Mr. John R. Freeman, Secretary
 4 Market Square, Providence, R. I.

- '77 Mr. RICHARD A. HALE, Secretary
 Lawrence, Mass.
- '78 Mr. Linwood O. Towne, Secretary
 Haverhill, Mass.
- '79 Mr. HARRY H. CAMPBELL, Secretary Steelton, Pa.
- '79 Mr. EDWIN C. MILLER, Representative 88 Boylston Street, Boston, Mass.
- '80 Prof. George H. Barton, Representative Massachusetts Institute of Technology, Boston, Mass.
- '81 Mr. Frank E. Came, Secretary
 17 Place d'Armes Hill, Montreal, P. Q.
- '81 Major Frank H. Briggs, Representative 2 High Street, Boston, Mass.
- '82 Mr. WALTER B. SNOW, Secretary
 Watertown, Mass.
- '83 Mr. HARVEY S. CHASE, Secretary 8 Congress Street, Boston, Mass.
- '84 Dr. Augustus H. Gill, Secretary Massachusetts Institute of Technology, Boston, Mass.
- '85 Prof. E. B. Homer, Secretary r Somerset Street, Boston, Mass.
- '86 Prof. Arthur G. Robbins, Secretary Massachusetts Institute of Technology, Boston, Mass.
- '87 Mr. EDWARD G. THOMAS, Secretary
 4 State Street, Boston, Mass.
- '88 Mr. WILLIAM G. SNOW, Secretary 245 North Broad Street, Philadelphia, Pa.
- '88 Mr. Alfred H. Sawyer, Representative Care F. B. Sturtevant Co., Jamaica Plain, Mass.
- '89 Mr. W. H. KILHAM, Secretary 3 Hamilton Place, Boston, Mass.
- '90 Mr. George L. Gilmore, Secretary Lexington, Mass.
- '91 Mr. CHARLES GARRISON, Secretary Lexington, Mass.
- '92 Prof. SEVERANCE BURRAGE, Secretary Purdue University, Lafayette, Ind.

- '92 Mr. LEONARD METCALF, Representative 14 Beacon Street, Boston, Mass.
- '93 Mr. Frederic H. Fay, Secretary
 60 City Hall, Boston, Mass.
- '93 Mr. CHARLES M. SPOFFORD, Representative Massachusetts Institute of Technology, Boston, Mass.
- '94 Mr. S. C. Prescott, Secretary Massachusetts Institute of Technology, Boston, Mass.
- '95 Mr. GEORGE W. HAYDEN, Secretary 493 Warren Avenue, Roxbury, Mass.
- '96 Mr. F. E. GUPTILL, Secretary
 1006 East Main Street, Richmond, Va.
- '96 Mr. EDW. S. MANSFIELD, Representative
 3 Head Place, Boston, Mass.
- '97 Mr. JOHN A. COLLINS, Jr., Secretary 55 Jackson Street, Lawrence, Mass.
- '98 Mr. C. E.-A. WINSLOW, Secretary Hotel Oxford, Boston, Mass.
- '99 Mr. WALTER O. ADAMS, Secretary 1776 Massachusetts Avenue, North Cambridge, Mass.
- '00 Mr. George E. Russell, Secretary 190 Bagg Street, Detroit, Mich.
- '01 Mr. Albert W. Higgins, Secretary
 Auburndale, Mass.

Mr. HAROLD Y. CURREY, '02, President of the Senior Class

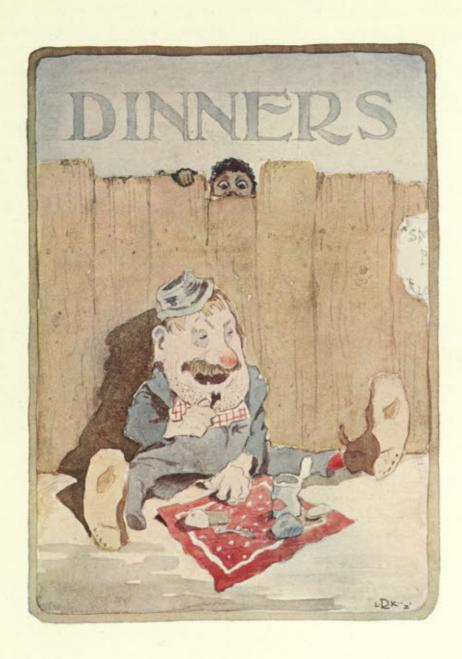
Mr. LAWRENCE H. UNDERWOOD, '03, Representative of Institute Committee

Mr. James P. Munroe, President of Technology Club 179 Devonshire Street, Boston, Mass.

Dr. HARRY W. TYLER, Secretary of the Institute

Massachusetts Institute of Technology, Boston, Mass.

Mr. A. Lawrence Rotch, President of Alumni Association Prof. Arthur G. Robbins, Secretary of Alumni Association





To astmaster

R. V. Brown

CLASS SPIRIT									, L. S. CATES
				m u	SIC				
THE LADIES						*			. A. M. Lage
THE ALUMNI		1			21		20		C. A. SAWYER, Jr.
				ми	SIC				
THE TECH MAN			*	1.					. A. E. Lombard
THE CLASS HIS	TOR	Y	20	9	- 20		15	1	H. O. Bosworth
				m u	SIC				
TECH INFLUENCE	CES					1.0	- 27		C. W. Kellogg, Jr.

Held at Young's Hotel, March 14



Toastmaster

G. B. Wood

THE CLASS					10				Pres. L. H. LEE
OUR FAIR F	RIEN	DS					10		. G. M. Harris
			1	M U S	I C				
ATHLETICS	1	1	7	3			27	ì	. H. S. BAKER
TECHNIQUE	, 1903				-		2		. H. S. Morse
									W. F. Robertson
				M U S	1 C				
THE TECH :	SHOW		,		-	10			L. H. UNDERWOOD
IN 1925 .	100	2		76	7.		74	10	H. W. Crosby

Held at the Old Technology Clubhouse, 71 Newbury Street, April 4, 1902

During the year the class also held two smokers at 71 Newbury Street on the evenings of December 14th and March 7th.



Toastmaster

C. L. HOMER

THE CLASS	65	+	•	,	*	*	20			L. P. BURNHAM
OUR TECHNIQU	Æ.		10							. P. M. SMITH
				M	USI	С				
ATHLETICS	+			,		*		×	43	. A. J. SWEET
TECH SHOW						3				M. L. EMERSON
				м	USI	C				
KOMMERS .	7.					1				BERNARD BLUM
TOWN TOPICS					,	4	2			W. F. Goodwin

Held at the Gymnasium, April 12, 1902

On the evening of March 1st, a Class Supper was held at the Old Technology Clubhouse, 71 Newbury Street.



Toastmaster

F. S. ELLIOTT

PRESIDENT'.	S A	DDR	ESS				-			N. Lombard
"TECH".		ä		4				2	4	G. B. Jones
					M U	s i c				
ATHLETICS	4	131		150						W. O. Tuck
					M U	SIC				
CLASS OF '05										C. R. Boggs

Held at the Gymnasium, April 16, 1902







HE Tech Show was inaugurated in the spring of '99 and now occupies a a prominent place in the year's calendar. It is representative of the entire student body. Competition for parts is open to all students and selections are made solely on the basis of merit. The proceeds of the show are applied to the advancement of athletic interests at the Institute.

"APPLIED MECHANICS"

Presented at the Hollis Street Theatre on the afternoons of April 22 and April 25

					A	5 7					
FREDDIE AR	LINGTON	1	16				12	123		16	. A. GARDNER, '02
BOBBIE BOYL	STON						19				. G. F. LOUGHLIN, '03
WILLIE CLAI				0		21			73	10	& Cover los
GEORGIE DA									1	10	. G. W. PRENTISS, '05
FRANCIS HU	NTINGTON	Tec	h stud	tents	on	vacati	on				. O. D. Fellows, '04
CHARLIE MA				300						5	L. G. BOUSCAREN, '04
											. C. R. HAYNES, '04
LAWRENCE ! WINTHROP B	EACON	1			. 33	100		28		-	. F. S. ELLIOTT, '05
MASTER MEG	HANIC (Inver	tor o	f Elec	trica	1 Fi	gures)	100		- 30		
HANS /his needs	rintal fin Love w	i+b. 12	ona lin	a							. F. L. HIGGINS, '03
GRAND DUK MASTER OF WILHELM (PO HERR KNUP) HERALD TOV	E HENRY .										. H. C. FIELD, '04
MASTER OF	CEREMONIES		10	121					- 20	102	W. J. SNEERINGER, '04
WILHELM (PO	ot Boy at Knupf	el Im	n.)			-	4	-			. J. Daniels, 'or
HERR KNUP	FEL (Innkeeper)		2		1			110	1	. E. F. JENKINS, '04
HERALD TOV	VN CRIER	VS	100	12	2	172		120		10	. L J. BANASCH, '05
OLD MAN PE	ASANI					11.0		180	-	- 4	. H. A. STILES, '03
ROSALIE (the	village beauty)	1			-			2			. R. J. KING, '03
MISTRESS K	NUPFEL (Villa	ige G	ossip)		-		100				. P. PAINE, '04
MINNA	1					1.5					P. PAINE, '04 G. K. KAISER, '04
BERTHA						1.4		- 1			. O. W. FICK, '05
CALCA											S. HARR, '04
LIZA	Pretty Peasas	nts						-	-		G. M. BARTLETT, '05
FRIEDA					23						. A. F. BENNETT, '03 J. F. DICKEY, '05
MARGO			10				4		4.0		. J. F. DICKEY, '05
MARTHA			110	100							. W. TUFTS, '05
MISS BROWN	ING) .	20	-		- 6			4.00	-	-	. C. H. CLAPP, '05
MISS EMERS	ON Gradi	cates	of the	Bos	ton	Hyper	culti	ural S	societ	y	S. SEAVER, '05
MISS MAYFLO	OWER .				-	4			100	1	H. G. CHAPIN, '05
MISS MAYFLO DE RESKIE (mechanical figur	e)			10		. 4				. D. A. BARY, '04
MELBA (mecha	inical figure)	Mary.	1					- 2			. G. H. GLEASON, '03
DARKY .		100		-		44			1		. L. SCHLEMN, '03

Chorus of Peasants, Lords, and Ladies.— H. M. Flinn; B. C. Mooers; R. D. Farrington; E. Welch; F. N. Turgeon; F. P. Pool; A. C. Gilbert; F. J. Christerman; G. Fuller; C. Allen; A. N. Nichols; W. Green; E. A. Barrier; L. A. Thompson; G. E. Thomas; L. K. Laney E. M. Read; C. L. Dean; J. H. Brown; E. M. Coffin; R. M. Whitcomb; J. W. Horton.

Ballet.—S. M. Rivitz; L. J. Killion; W. J. Mixter; C. E. McCarthy; A. P. Regestein; W. Turner; G. B. Jones; E. F. Rockwood; O. P. Scudder; F. W. McConnell; A. E. Sweetser; G. Crosby; F. E. Drake; R. S. Gifford; C. W. Hawkes; J. A. Havaden; R. W. Seyms; R. M. Phinney; R. Davis; A. G. Prescott; L. E. Williams; A. G. Drew; C. H. Drew; C. O. Egerton; H. H. Gould; W. M. Batts; N. M. Johnson; H. S. Walker; H. W. Stevens; F. M. Hill.

L. H. Underwood, '03, General Manager M. Broder, '02, Business Manager G. M. Harris, '03, Assistant Business Manager C. A. Schmidt, '03, Stage Manager M. L. Emerson, '04, Assistant Stage Manager R. White, '02, Press Manager





Tuesday Afternoon

April 22 Tech Show, Dress Re-hearsal at Hollis St. Theatre

Wednesday Evening

April 23 Musical Clubs' Spring Concert and Dance at Paul Revere Hall

Thursday Afternoon April 24 TECHNIQUE, Volume XVII, issued The "Tech" Tea at the "Tech" Office

Thursday Evening

April 24 Junior Promenade, at the Hotel Somerset

Friday Afternoon April 25 The Tech Show, per-formance at Hollis St. Theatre

L.P.K.



Hotel Somerset, Thursday Evening, April 24, 1902

COMMITTEE

FRANCIS WOODWARD DAVIS HORACE SINGER BAKER WALTER MAYNARD DRURY

GALEN MOSES HARRIS

CHARLES JEWELL MCINTOSH

GEORGE BEACH SEYMS

MATRONS

Mrs. HENRY S. PRITCHETT

Mrs. Charles L. McIntosh Mrs. Samuel J. Mixter Mrs. William B. Rogers Mrs. George H. Seyms



Class of Nineteen Hundred and One

- May 31

 Annual Reception to the members of the graduating class, Hotel Brunswick, 8 P. M.
- June 1

 Annual Concert of the musical clubs, tendered to the graduating class, Huntington Hall, 8 P. M.
- June 2

 Baccalaureate Sermon preached by Rev. Dr. E. W. Donald, Trinity Church, 4 P. M.
- June 3

 Class Day Exercises, Huntington Hall, 2.30 P. M.

 Class Day Spread after the exercises.
- June 4
 Graduation Exercises, Huntington Hall, 2.30 P. M.



Held in Huntington Hall, Monday, June 3, 1901

Program

Address b	y the	Presi	ident	of th	ie Cla	188	120	1	. Ellis Fuller Lawrence
Address b	y the	First	Mar	shal	10.	16			FRANCIS KERNAN BAXTER, Jr.
						M	US	I C	
History		2		7	10				HERBERT HARLEY KENNEDY
Statistics	67						1.0		. Percy Harry Parrock
						M	US	IC	
Prophecy	4		10	,					. Mortimer Bristol Foster
Oration				*		18	0.80		Allan Winter Rowe

CLASS-DAY OFFICERS

First Marsh	al				FRANCIS KERNAN BAXTER, Jr.
					. Valdemar Frank Holmes
Third Marsl	nal				. WILLIAM TRUMAN ALDRICH
President of	th	e Cla	LSS		
Orator ,		CONTRACT OF			Allan Winter Rowe
Statistician				2.5	. Percy Harry Parrock
Historian .					. HERBERT HARLEY KENNEDY
Prophet .		105	*		. Mortimer Bristol Foster

CLASS-DAY COMMITTEE

ROBERT WILLIAM BAILEY WARREN IRA BICKFORD FRED WARD COBURN LEONARD FLORSHEIM WILLIAM WARREN GARRETT ALBERT WILLIS HIGGINS ELLIS FULLER LAWRENCE HARRY WESTCOTE MAXSON RAY MURRAY OLIVER HAZARD PERRY, Jr. SAMUEL WINTHROP ST. CLAIR EDWARD SEAVER, Jr. WILLIAM WRIGHT WALCOTT



Held in Huntington Hall, Tuesday, June 4, 1901

Program

READING OF ABSTRACTS OF THESES
ADDRESS BY THE PRESIDENT
CONFERRING OF DEGREES
PRESIDENT'S RECEPTION



ABSTRACTS OF THESES

The lixiviation of a low-grade copper	
ore	Frank Dillman Rash
A design for the United States building	
at a Pan-American Exposition	WILLIAM CORNELL APPLETON
An experimental study of some chemical	
and physical properties of the Becquerel	
Rays	. Edward Pierrepont Beckwith
A study of a Wagner Single-Phase In-	
duction Motor	Warren Ira Bickford
An investigation by means of the Sphyg-	
momanometer of the effect of mental	
work upon arterial Blood-Pressure .	Anna Billings Gallup
An investigation of the effect of induct-	
ance on the character of spark-spectra	
with particular reference to the spectrum	
of Tellurium	CLINTON MERRILL DEARDEN
A comparison of Webster and Burke as	
orators	CHARLES FRANCIS FAULKNER CAMPBELL,
The determination of sulphur in crude	
illuminating gas	Joseph Ernest Philbrick
A study of the geological history of the	
Charles River	Frederick Gardner Clapp
Rudder experiments on the steamer	
"Guardian"	WALTER AUGUSTINE READ



*Short Articles



The Civil Engineering Summer School



UST as the clock on the church was striking the first hour after midnight, the party composing the Civil Engineering Summer School of 1901, arrived at McGouldrick's Hotel, Machias, Maine. The party numbered seventeen, including one lady, Mrs.

Sweet, the wife of one of the instructors, who immediately won the hearts of all the fellows, by her kindly interest in their work, and by her efforts for their welfare.

The following afternoon the real work of the school commenced, with the scaling of Indian Hill, under the immediate command of Professor Robbins. The next morning the squad was divided, some doing plane table work under Wonson and Pearse, others hydraulic work with Mr. Sweet, and the remainder were sent down to a suburban health resort, known as Howard's Bay, accompanied by a white duck suit and Driscoll.



A few nights after the party's arrival in Machias, several of the fellows, L. P. Wood being among the number, with Professor Robbins and Wonson for chaperons, went out to meet some of the belles of the town. All went well until they got lined up for an old-fashioned game of "Clap In, Clap Out." Here the chaperons discreetly left. Not so did L. P. Wood. He stood smiling behind his chair, utterly uncon-



PLANE TABLE WORK

scious of what was coming. In came a buxom beauty, who was successfully handed over to Paul Hansen. Then Wood's name was called, and all turned to where he had been standing - but Wood had fled.

The plane table work was progressing rapidly and there was a little friendly rivalry between Pearse and Wonson as to who had done the most work. Here Pearse, in his efforts to keep in the lead, made the mistake of



PROF. ROBBINS

keeping the wrong men working overtime one night, and as a result of the kick that was registered he had to be satisfied in the future with winning out on the level, and at the close of the school was the possessor of the largest as well as the dirtiest plane table sheet of the lot.

Outside the routine work there remained three important events of the stay at Machias, and these were the baseball game, the dance at the gradua-



UNDER A SIGNAL

tion of the Machias High School, and the circus. Of the baseball game the most remarkable features were the strong support given M. I. T. by the one loyal young lady of Machias, and the phenomenal fielding of "Herr Professor" Wonson in right field.

The last day of the school Professor Robbins made a holiday so that all could attend the circus with their lady friends. Seabury took two, but he'll have to explain that himself. It is needless to say that all took advantage of the opportunity, but were not quite prepared for what was in

store for them. Passing from the main tent to the sideshow one saw the flaming sign: It was all clear then how that last day came to be given to the fellows for a holiday.

PROF. ROBBINS Original Punch and Judy

Coming back on the boat things were



"Game"

rather quiet, so quiet in fact that at Rockland several of the fellows, headed by Mr. Sweet, went ashore, looking for excitement. They succeeded in finding it, but not in the way they had expected. The boat was scheduled to stop one-half hour. It actually did stay only ten minutes. When Mr. Sweet and the five or six fellows that were with him finally caught the boat, by train, at Portland and came aboard at about onethirty A.M., there was a general rough house, where it is best to draw the curtain.

The Summer School of Metallurgy

9%



HE Summer School of Metallurgy left Boston on the evening of June 7, 1901, and proceeded to New York by the Fall River Line. Professor Richards, Professor Hofman and four students constituted the party. Upon arriving in New York we were met by a representative of Nichol's Chemical Works, who conducted us through the plant on

Long Island, where we studied the wonderful Hershoff Furnace in detail, under the personal instruction of the inventor, J. B. F. Hershoff. We also made a study of the Bessemer Process, the Anode Furnace, and the Electrolytic plant. Thus we obtained an excellent idea of the several processes of obtaining crude copper from its ores. This was one of the largest plants which we visited, and the officers of the company showed us great courtesy by inviting us to lunch in their cozy little dining-room, which is connected with the plant.

From the works we went to Myer's Hotel in Hoboken, N. J., and spent the evening writing up our notes. Sunday was a day of sightseeing for the most of us, and what little we saw of the great metropolis

and its surroundings, took place on this day.

Early Monday morning we went to visit the Guggenheims Smelting Works, at Perth Amboy. Here we studied again the production of crude copper, and made a very thorough investigation of the Electrolytic plant. At night while we were in the office writing up our notes a small boy came in and, after surveying the company and picking out one of the



Professors as the proprietor of the hotel asked him to receipt a bill for a barrel of potatoes. While here one of the party was taken ill, undoubtedly due to a slight attack of homesickness.

Before leaving Hoboken we visited the plant of the New Jersey Zinc Co., of Newark, where we saw several zinc ores treated and crude zinc moulded into ingots. On the following day we went to Harrison, N. J.,

and there studied the plant of the Atha Steel Co. Here we paid special attention to gas-producers, crucibles and the hammer-mill. We were also much interested in the rolling of rounds and flats.

We went to Trenton, N. J., on the morning of the 13th, and spent the larger part of the day with the Trenton Iron Co. While here we saw again the beautiful process of rolling, and were especially interested



in the manufacture of wire rope for tramways. At Trenton we visited also one plant of the American Bridge Co. Late in the afternoon we proceeded to Philadelphia, Pa., and went to Green's Hotel, where we stayed until we left the Quaker City. On Friday we visited the Midvale Steel Works and made a detailed study of the open-hearth furnace. Here we saw the manufacture of locomotive and car wheel tires, and the construction of disappearing guns. Saturday we went to the Pencoid Iron Works, and Monday forenoon went through the United States Mint.

We took a train for Harrisburg, Pa., that afternoon and went to our headquarters, the Lochiel Hotel. We spent the next three days in a most profitable manner, inspecting the works of the Pennsylvania Steel Co., at Steelton. One of the interesting sights here was the open-hearth

work. This was the largest plant visited.

On the following day, after a very pleasant ride down the beautiful Susquehanna Valley, where we had a fine chance to watch the change of rock structure all the way, we arrived at Baltimore, Md., and went directly to Ganzhorn's City Hotel. On the next day we visited the plant of the Baltimore Copper Co. We spent the rest of our time at the works of the Maryland Steel Co., and found this plant to be laid out in the most systematic and interesting manner of any that we saw.

At nearly every place we met Tech men and at those places we always received a cordial welcome. A large part of the credit for the pleasure and benefit which we derived from the trip is due to them.

On the 26th the party disbanded after a unanimous vote that the Summer School had been a great success under the skillful guidance of Professors Richards and Hofman, whose efforts for our instruction, pleasure and comfort were very much appreciated by all.



The Naval Architects' Trip

%



NE bleak afternoon in November, the sixteenth, to be exact, there gathered on one of Boston's wharves a party of Fourth Year Naval Architects, led by the veteran expounder of the principles of Das Dampfmaschine and one of his under-studies. All the Seniors were there except Ferrin, chief fusser, Patch first assistant fusser

and Stevey Gardner. This collection of men was about to embark for Norfolk, Va., on the steamship Howard, preparatory to visiting the

principal shipyards along the Atlantic coast.

After the party had succeeded in convincing Weary Walker that there was no necessity of telephoning Harry T---- that Peabo had arrived safely at the wharf, they finally got on board the steamer and late that afternoon set sail on the briny deep. Zaza Appleton had been persuaded to come on the trip when told that he could grind all the way to Norfolk, and that Getty was not going to have any "molasses candy pulling" while the crowd was away. At supper that evening Zaza went into training on hot water and, by the way, nobody did very good justice to the repast, for the general opinion was that it would follow the motto "Go up and not down." After supper the spirits of the fellows were considerably raised by the vocal endeavors of a quartette, which was vigorously trying to determine the wake factor of the other passengers. In addition to this, able seamen Miller and Gardner entertained the party with a hornpipe cribbed from Pinafore. These "spiels" were continued all the evening, and at eleven o'clock, after everybody had exhausted themselves in trying to shut up the quartette, the push went into their bunks. The next morning speed trials were run for two hours, or until about one o'clock in the afternoon, when the ship began to acquire that delightful (?) action known as rolling. To be sure it wasn't a very deep roll, but it was enough to keep Dickson from taking much of his dinner, much to the delight of the old salt Allen who had been "around the Horn." Pebe, Eastwood and Pussy Everett disappeared soon after dinner, and everybody thought that Pebe had gone to count the mistakes in the Thermo, he was absent so long.

Monday morning the party arrived in Norfolk and immediately went over to Newport News to inspect the yard of the Newport News Shipbuilding and Dry Dock Company, where several large naval and mercantile vessels were being built. On one of these ships Peabo showed how comfortably a man might go down a two-foot scuttle, greatly to the amusement of the crowd, for he came near getting stuck. After inspecting the yard, not omitting the 800-foot dry dock, the party again took the Howard and steamed up to Baltimore that night. The next morning all did a little hustling act to catch the early train for Sparrow's Point, Md., where the Maryland Steel Company has a large plant. All day Tuesday was spent here in going over the steel plant and shipyard, the steel works proving especially interesting to the disciples of Herr Hofman. In the shipyard were a number of large ships in different stages of construction, and a careful inspection of these was made. afternoon the crowd returned to Baltimore in time to catch a train on the Baltimore and Ohio Railroad for Washington, and after all the people in the train had been thrown from one end of it to the other going around the curves, the party arrived in Washington about six P. M. All the fellows immediately chased off to the Ebbitt House and gulped down a dinner so as to go to the theatre that night. The next morning the delegation convened at the Washington Navy Yard, where the forenoon was spent in looking over the towing tank. By the kindness of two old Tech grads all the details were shown and several sample tests run. This proved one of the most interesting days of the trip.

After the afternoon had been utilized in seeing a little of Washington the roll-top-desk marines again took to the B. & O., this time en route to Philadelphia where they arrived in the early evening. After being housed on the 496th floor of Hotel Lafayette an adjournment to the dinner table was proposed by Teague, and there the fellows were separated from much good money by the hotel and the waiters. However, there was some money left in the crowd, and so, headed by that expert theatrical critic, G. S. Taylor, the entire push went to see Francis Wilson at the New Chestnut Street Opera House. On coming out from the show a familiar martial form greeted their eyes in the person of that old exam scarred relic of Tech — Brevet Corporal Bailey, '98-'99-'00-'01. The corporal informed the party that he was working at Cramps and offered to show off the town; but the hour was so late that the invitation

had to be declined.

On Friday an early start was made for the New York Shipbuilding Company at Camden, N. J., and here were seen many old Tech men and incidentally a few large merchant steamers. The yard is a model one and is entirely roofed over. It was here that the rivet heaters amused themselves by dropping hot rivets down hatchways to see how

close they could come to a man without hitting him. After going over this yard very thoroughly dinner was procured and then the party went to the well-known yard of Cramp & Son, where everything seemed to be in a state of perfect confusion. An office boy, who evidently did not know his men, was detailed to show off the yard, and while standing at the stern of a large steamer in process of construction, he turned to Peabo and pointing to a frame for the propeller shaft said, "You see that hole, there, that's where the propeller comes out, a thing that goes around and makes the ship go." After seeing very little of the vessels here and a great deal of the yard, the party returned to Philadelphia and ended its tour of inspection by breaking up and returning in parties of two and three to Boston by the way of New York, after a most enjoyable and instructive trip.



The New Building for Physics and Electrical Engineering

98



S President Pritchett has pointed out in his annual report, the number of students in the Institute has grown to such proportions that the Walker Building, which has until now served the needs of the departments of Chemistry and of Physics and Electrical Engineering, is no longer adequate. The time has now come when those in control of the Insti-

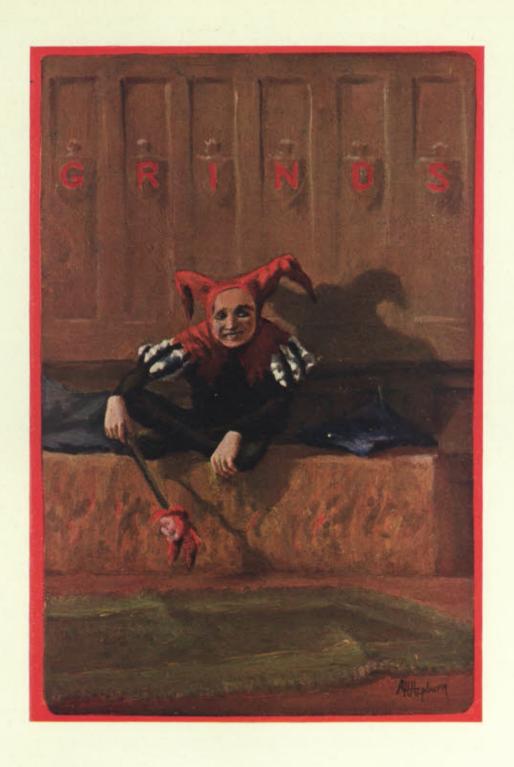
tute must either take steps to cut down the number of students or provide additional facilities. The Corporation of the Institute has no thought of meeting this emergency in any other way than by the latter means, and steps have already been taken for providing a new building for Physics and Electrical Engineering. It is expected that this building will front on Clarendon Street and that it will contain the latest appliances for instruction. The building will be named after Mr. Augustus Lowell, whose long service to the Institute is one of its most cherished possessions. Mr. Lowell's sons and daughters have subscribed \$50,000 to its erection, and Mr. George A. Gardner has contributed an additional \$10,000. A committee of the Corporation is actively engaged in obtaining subscriptions, and it is hoped that the building may be begun in the spring.

The building as now planned will include a power plant for Electrical Engineering in addition to the laboratories. In preparation for the planning of the Electrical Engineering laboratories Prof. Puffer has visited not only the principal laboratories of this country, but those of Europe as well. In Germany he found the laboratory facilities of the technical schools most complete, and the information thus gained will be of great service in planning the new M. I. T. laboratories. Prof. Elihu Thomson is also giving his advice and cooperation, and it is believed that when the new laboratories are ready they will represent the latest ideas in the

teaching of Electrical Engineering.

The erection of the new building will be no less welcome to the department of Chemistry than to those of Physics and Electrical Engineering. With the whole of the Walker Building at its command the department of Chemistry will be in a position not only to carry on more successfully the under-graduate work, but it will have the room to begin a department of Chemical Research. A research department in Chemistry has long been one of the aims of those in the department, and without question it would be the forerunner of research departments in other fields.





GRINDS



Place - The President's Office.

Time - March 6, 1902 (after the parade of Prince Henry).

Persons - President and Mrs. Pritchett, and Mr. Hunter, '02. Watching the snow-ball fight.

MRS. PRITCHETT — "Mr. Hunter, I should think that you would enjoy being out there in the fight with the other boys."

PRES. PRITCHETT — "So should I, Mr. Hunter. Why, I would enjoy being out there myself."

HUNTER'S CONCLUSION - The President enjoys the snow-ball fight.



WHERE DID IT END?

TRUE ENOUGH

Pearson, '03 (in Theoretical Electricity) — " Hysterics can not be cured by lamentation."

The poets sing of Nature's voice,
As it whispers 'mid the trees.
But a sweeter music is my choice—
'Tis the sound of Solomon's sneeze.







COURSE IV THINKS THE ONLY THING LEFT TO DO IS TO TELL MRS. MEAD

INTERESTED

CHARLIE CROSS (in Physics lecture) — "I have here a plate full of slits."

CRONENBOLD, '03 (waking up with a start) — "Who said he had a plate full of Schlitz?"

"I SEE "- SAYS THE BLIND MAN

Prof. Sanborn — "You may describe an object from the point of view of a blind man."

"BLACKIE'S" TRUE FRIEND

Professor (to student who has just reported the loss of his coat) —" I will speak to the janitor and have him institute a search."

STUDENT-" Wouldn't it be better to have him search the Institute?"

A lad at Tech named Harry Stiles
Upon the track would sprint for miles;
It is such fun
To see him run
That all around are wreathed in smiles.

HOW LONG SINCE

Mr. Erhardt (in Sophomore German) — "If my men will please step up as I call their names I will give them their marks," (calling) "Miss Bailey."

WELL! WELL!!

Kaufman, having been excused from Specifications and Working Drawings on account of office experience, visits a recitation for amusement. Prof. Chandler asks him a simple question about hot water circulation. Kaufman has temporary paralysis of the vocal chords, due to a vacuum in the cerebral cavity.



WAS THERE A HIGH-BALL IN IT

"Nerobald" Cross (wiping his mouth at the beginning of Physics Lecture)—
"Another example of this is the balanced glass. I have just seen a glass of this kind."

HE DID HIS BEST

PROF. CROSS (to students who manifested their approbation by shuffling their feet)—"A little more activity at the other extremity, gentlemen, might tend to develop it proportionately."

COMER, '03 (recovering, momentarily, from a continued nodding) - " It doesn't

here."



PROF. CLIFFORD (in Heat) - "Heat is heat, there is no getting away from it."

HE CERTAINLY SHOULD KNOW

Mr. Erhardt (discussing German prefixes) — "The german 'miss' is a very bad thing."

EES POSS'BLE

To see one Carty twin '04, without seeing the other.

To find out whether H. T.'s office boy belongs around here or whether around here belongs to H. T.'s office boy.

For Charlie to skip the "crank joke."

To make anything out of Watson.

To find a Prof. "in," during his consultation hours.

That ninety-five per cent. of the Tech subscribers paid in advance.

To sell a Coop. ticket to your classmen.

That Prof. Dewey's moustache stopped turning gray when he "flunked" every Soph. in Pol. Econ.

To find a name "Blackie" can't pun on. To find any fish in lunch-room chowder.

To convince the Profs. that TECHNIQUE is only to amuse and not to offend.

That '03 co-eds are as bashful as their absence from the class picture would seem to indicate.



A SOPHOMORE WOULD LIKE TO KNOW

If Job discovered the law of Boyle's.

If anyone knows anything about paralyzed light.

If the Bursar's window is a diffraction grating.

If Lenz's law is the law of lenses.

If "Mac" keeps anything as cheap as a nickel prism.

If Spinoza, Technique '02, and "Freehand" Charlie's Letter Plates are a series of "sells."

On which finger Newton wore his rings.

A BIT OF KNOWLEDGE FOR TOMMY

Brown, '05 (to Prof. Pope) - " That substance is deadly combustible."

"ROBBIE" CAN RUN ALMOST ANYTHING

ROBERTSON, '03 (on observing R. A. Pope, '02, escorting four maidens from the French play) — "For heaven's sake, what does Pope run — a seminary?"

DIDN'T MEAN IT THAT WAY

Freshman (to Prof. Bardwell in lab.) — "I'm stuck on this experiment," Prof. B. — "I'm glad you like it."

THERE ARE OTHERS

It has been said of Libbey, '03, that he is so broad-minded he is flat-headed.

AN OPEN LETTER

To set at ease the minds of their classmates and others, McIntosh and Seyms of '03 have severally and jointly consented to the publication of the following:

Why did you come to the Institute?

Where do you spend your leisure time?

What is your occupation at present?

What do you enjoy most in your course?

In bed.

Haven't time for any.

Trips to Dana Hall.

In what are you most proficient?

What do you expect to do when you leave the 'Stute?

Everybody.

APT ALLITERATION

"..., to prevent perceptible predominence of polarization in any particular plane." (Extract from the Physics Notes.)

PEABO'S NONSENSE

PROF. PEABODY (pointing to diagram on the blackboard) — " Here we have two points unequally distributed."



WE DON'T DOUBT IT

PROF. CROSS (in Physics lecture) — "Now this is positive and this (as he hits his head with his stick of vulcanite) is minus."



THE BOVINE MARE

Jenkins drew a cow one day
And got a copyright,
And ever since, on every sheet,
He put that awful fright.

AND THAT'S NO JOKE

Mr. Blachstein — "My native village produced at least one great man, ——"
(Loud and continued applause.)

At the beginning of the year a Freshman had several of the important personages about Tech pointed out to him, and he guessed at their specialties as follows:

a are men opecimienes no roman	there et et	in Gue		area and annered	cen bounters
Director of Physical Culture					Professor 1
The Dean				DIFFOLD	PROFESSOR 1
The Janitor				ROSS	PROFESSOR (
A Sophomore				PEARSON	PROFESSOR I
. Professor of Agriculture				LIFFORD	PROFESSOR (
Director of Tonsorial Parlors				OGEL .	PROFESSOR \
				BARTLETT /	PROFESSOR I
Barbers		-		TEIN (MR. BLACHS
President of the V. M. C. A.		200	2	LANZA .	PROFESSOR I
. Director of Lunch-room				NILES .	PROFESSOR !
A monologuist				MILLER .	PROFESSOR !
. Professor of Filipino	- 7		15		Mr. Brown
A conundrum				ALLEN	PROPESSOR

NOBODY SAID IT WAS

Prof. Schwamb (speaking of dams) —" This material is not fit for a dam"—
(after applause) —" Well, it isn't."

"I SEE MANY WHO ARE ABSENT THIS MORNING"

Dr. RIPLEY (in Pol. Econ. Rec.)—"I would like to say to those that are absent that you will have to be more regular in your attendance."

THEN THE PROF. EXPLAINED THAT HE MEANT NOTHING

PROF. BARTON, (in Top. Geology)—"This ridge, called an esker, is an old river bed."
BATES, '03—"But how is it so high above the surrounding country?"
PROF. B.— That's, what anyone would ask who knew nothing about geology."



(D) ERRATIC LAWS

First placed beyond the limit of experimental error by H. M. G.

1 Do not enter the laboratory until you understand everything about the experiment. The experiments are not expected to teach you anything other than how to buy and use ruled paper, to make pretty figures and use logs.

2 Do not question the assistants. Their ornamentation is unquestionable, and their value in keeping the room at a constant, high temperature can not be underrated.

3 Follow all rules written and unwritten. Those having "D's" in Mental Telepathy and Guessonomy can not expect to progress satisfactorily in this course.

4 Do not use the multiplication table, as the error by this method will be large unless results are correct d as given by H — l — 's, — " Mathematics Methodically Masticated, with Tables for Addition Corrections." Procure at once.

5 Do not look out of the windows. The figures on Boylston street are not significant and are likely to have large deviations.

6 Do not think that by strictly following all instructions your work will not be returned.

AND THEY ALL THOUGHT POTTER SUCH A NICE BOY, TOO

WORSE THAN BLACKIE

PROF. BARDWELL (returning exam papers) — "Mr. Comming!" (no reply) — "Is he here or is he coming?"



AND THEN THE CLASS WOKE UP

CHARLIE CROSS (in a particularly impressive manner)—" These are the principles of Huyghens of which I spoke to you over two hundred years ago."

IS THAT ALL!

Notice in Gymnasium, "All men who take their runs on Boylston street are required to dress to the extent of having arms and legs covered."

(Signed) WM. SKARSTROM

NO EXCUSE

PROF. DIPPOLD—" Mr. Underwood, you may begin to translat at line eleven." UNDERWOOD, '03—" I haven't prepared this: I wasn't here last time." PROF. D.—" That makes no difference. Neither was I."



XIV-Domestic Engineering

The course in Domestic Engineering or Household Science has been designed to meet the particularly peculiar needs of the new man. The young women having taken up the technical courses it becomes incumbent upon the young men to be prepared to meet this exchange of duties and save to the community alimentary and kindred sciences, which at the present time are too far gone to save themselves. The popularity of the course is a foregone conclusion.

The course, although properly an option of Course IX, has been made a distinct one and is fortunate in having secured in Prof. Bates as its head one who is admirably fitted to advise and assist the youthlings of the course. Instruction is both theoretical and, as far as possible, practical, and is especially adapted to give the student an education the practicability of which is not to be compared even with Course XII. The course of study is a progressive one, leading from the more simple elements of house-cleaning under Janitor Thompson, through the more advanced principles of Cookery and Washing, and ending with a thesis, to be a dissertation prepared upon some subject included in the course and practiced upon some subject excluded from the course. Theses are to be written upon paper 4 x 6 inches, with a two-inch margin on either edge.

The laboratories have been fitted with the most modern improvements, including Hofman's Convenient Cook Stoves, Bates' Boss Boilers, Swain's Sweepers, Dewey's Delightful Dusters and Dish Driers, and Knight's Knew Kneaders.

The summer course under the direct supervision of Prof. Sedgwick must be taken by all applicants for a centigrade degree. The course under Prof. Wendell is optional, but students anticipating a somewhat higher degree will not fail to take it.



XIV-Domestic Engineering

FIRST YEAR. AS EASY AS THE OTHER COURSES

SECOND YEAR

FIRST TERM

Furnaceology Non-descriptive Oathometry Chopping and Sawing Indifferential Mopulus and Scrubics Drooling Physics (in Bottles) Language

Elements of Infant Gab Teeth Cutting, and Munching Tools Dishography: Chipping and Breaking

SECOND TERM

Argumentation (lectures (curtain)) For(a)ging (on the neighbors) Physics (in Pills) Drooling (Advanced) Sweepology Dynamics of Osculation Language
Cyclonic Irish
Fieldwork. Principles of Horseless Perambulators,—or "Mind the Baby"

Hash Analysis

THIRD YEAR

FIRST TERM

Advanced Argumentation: Observation Course under Prof. Bates Pattern work Applied Slippers (brief Course, condensed) Theory of Periodic Dusting Discussion of the Precision of Keyhole Measurements, 11 P.M., 2 A.M. Industrial Bargaining

Millinery Economy

SECOND TERM

Elements of Least Gas and Meter Readings Washineering, Boilers Bridget Resign; Ethics of "Thursday After-noon Off" Sanitary Plumbing Elements of Preserving Currants Efficiency of Modern Refrigeratives Design (Bread and Cake)
Management on R. R., in Conjunction with
Applied Slippers Divorce Law-Shortest Routes to Dakota

Summer Course in Practical Fruit Preserving. PROF. SEDGWICK Fussing. Observation Course, at seashore, under Prof. Wendell (Elective)

FOURTH YEAR

Strength of Hose; Theory of Elastics Infantology and Windpipe Analysis Experimental Cookometry High Drawlettes Mentalenergy of Ironing Application of Buttons, and Testing of SeamHeating and Ventilation Receipt Coefficients Labor and Wages, by D. R. Dewey, expert on census Thesis

OPTIONS Roof Gardening

2 Kindergartening



FEW NOTES AND RESULT



PROF. — "There will be no text-book in connection with the course, and those not taking full notes must expect the inevitable."

ROUGH ON BEE

PROF. RIPLEY (in Pol. Econ.) — "Mr. Bee, are you familiar with the business of Columbus Avenue from Park Square to Dartmouth Street?"

BEE - " Sir - !!"

TRY AGAIN

SHEAFE, '03 —" I don't understand about that problem where we have the weight equal to 50 ft, to the inch."

IF HE'S A SAMPLE

'03 realizes the appropriateness of the term "Windy City." Lenth hails from Chicago.

A mighty man is Robbie Pope, But in the future, let us hope On some bright day A fairy gay May steal his jersey and use S-O-P-E.

ONE OF CHARLIE'S NOTHINGS

PROF. CROSS (in Industrial Electricity)—" This, gentlemen, is a schematic diagram, which was made to look like nothing so that it would represent everything."

HARRY WITH THE THERMOPHONE

As the long-awaited explosion occurs, "There is no chance for fireworks in this course. Those come later." One student misunderstood this remark as "There is no charge for fireworks in this course. That comes later." Possibly his thoughts had wandered to days of summer school.



SLIDE, KELLEY - SLIDE!!

PROF. FAUNCE (attemping to explain rafter problem) — "You get down faster on a 60° roof than on a 30° roof."

When Harry Clifford, years ago, Was but a child of three, His scientific instincts then Were plain as plain could be. One morning, running in from play, He eagerly did cry, The while his grandmamma he sought, "T, I want some II." "Yes, child," she said, "take just one piece". Then stooped and kissed his brow. And looking at him -2 ly, said, "One piece, remember, now". Off toddled Harry to the shelf, And ate one piece with glee, Then with a wistful glance, remarked, " Let's let II equal 3". As time went on there came an end To Harry's happiness. The II, dis ing, caused Deep feelings of distress. He cared no more to roll his hoop Or chase the cat around He felt the bitterness of life, And flung him on the ground. His mother cried "Is Harry sick?" He made a feeble sign. They gave him Johnson's Liniment, Because 'twas Ano-dyne. He lived, but 'twas a close escape. He would not be alive Had he evaluated II As 3.1415.



DON'T BE DISCOURAGED, '04, IT'S AN ANNUAL

PROF. CROSS (in 2d-year Physics)—"The demonstration of this is very simple indeed, but I shall not give it, for it is entirely too complex for *this class* to understand."



JOTTINGS IN THE MARGIN OF MY THERMO.

Or, PROF. PEABODY'S PITHY PARENTHETICALS

- "I made it look hard so that it would be easy."
- "This machine was used, but never came into use."
- " Ferryboats often have to run backwards."
- "Names are often insignificant, there is no soda in soda water, you know."
- "This machine wouldn't run, but it's good enough to explain to you."
- "This will only confuse you, but you had better learn it."
- "In common with other writers on this subject, I have included this discussion in my book, but when we get through we know no more than when we started." The class agreed.
- "This proof is good enough provided we are not too particular regarding p and v."
 - "I know this proof is correct because it is not my own."
- "This is an exact differential because that is what we ought to obtain, and therefore can obtain, hence it is an exact differential."

ECONOMIC VALUE OF OLD CLOTHES

PROF. RIPLEY (in Pol. Econ. recitation) — "Banks have various functions. For instance, when you want to raise money to help you out of temporary difficulty, Mr. Grice, where do you go?"

J. M. GRICE, '03 - " Spinoza."



WHEN ARLO MADE A "HIT"

HARD ON '02 AND '04

Doc. Dewey (in Pol. Econ. lecture) — "Some economists contend that the useless classes should not be allowed to exist."





NAME "Jommy Pope

SECTION FF.

to cose paper whatever to be used in this examination.
Full work must be given for all problems
This paper must be returned UNMUTILATED.

agents and if so, state what they reducing agents and if so, state what they reduct? I funcon Room. b) The Bursar, c) Reports; d) Charles Jokes 2 Seven the following reaction, representing a report for semis CoP + 3(F, Ly) (FF) = 7 Yrs. + HT + GB

Le there any further reaction? If so, express it. Chorse your language and do it quietly.

3 If you hand over a dollar bill for a ten cent blank book, what change do you notice? Hould you count it? There was the purchase made? (Studente taking Pol Econ omit this question)

4 What is bleaching powder? Do could use it? If not, why not? Explain the process if applied to Harry's beard. Would it improve his appearance? (Answer carefully, a you may be minus an S.B.)

A FEW OF TOMMY P'S

"When I add H Cl to this solution I throw out a precipitate; when I add more, I throw it in again."

"A very curious reaction takes place when zinc and sulphur are heated together. The most remarkable thing about it is that no reaction takes place."

"I have here pictures of some blast furnaces; the latter being the more modern."

You will notice the dark red odor of this gas."



We May Lose Bardwell Yet

B-r-r-r-r Hello! Hello!

No, he is not. Never in when you're looking for him. A co-ed just spilled her H_SO_i, and he stepped out to give her H____

Oh, no. Nothing as bad as that, only H Cl. Anything I can do for you?

Just lost your private secretary? I'm sorry.

What's that? You had heard of Professor Bard ----

. . . .

Oh, yes, indeed. He's bad enough and stern enough. Just the man for ----

Odors bother him? Well, I guess not.

Do I think he could stand the sulphurous fumes? Well, I guess yes. Don't believe he'd be a bit homesick down there. This lab. is blue with H_2S , SO_2 , $SO\ Cl_2$, S_4 —

I doubt if he would want to leave before the end of the term. He wants a final crack at '05, and, incidentally, the head of Freshman Chemistry, you know. But you —

That's right. Don't lose track of him; he's a good man. Call up again when he's in. Good-bye.

B-r-r-r-r

SUCH A GREENNESS

MORRILL '05 - " In building such a chimney do they ever begin at the top?"

IT HAD BETTER MAKE A NEST

PROF. FAUNCE -- " It don't make no odds where this line lays."

THE CLASS TOOK HIM AT HIS WORD AND "FLUNKED" PROF. PEABODY — "You need not bring anything to the examination."



We would suggest that money annually spent on the catalog and registration cards be appropriated for the following:

1 A nice new wig for the Physics lecturer.

2 A new coat for Wertheimer in place of the one he has outgrown.

3 For lessons in the "Art of Gait" for one of the co-eds.

4 A large Tech flag to fly over "chapel."

5 An underground passage from Rogers and Walker to Engineering buildings.

6 To pay Robertson's initiation fee into the Y. M. C. A.

7 For publication of song, "I Wants My Hapgood Back," by Miss West.

8 A large, soft mat to kneel on as one approaches Herr Tyler.

9 A new pencil for "Blackie,"

10 For fastening lunch-room chairs down solid.

IN APPLIED

P. R. SMITH—"Say, Thompson, did you do these problems by moments?" THOMPSON—"No, by hours."

A GENTLE REMINDER, FROM '04'S SCRAP BOOK



PERHAPS PROF. LANZA'S SECTION COULD CALCULATE

Hadley, '04 (after a prolonged stamping in Physics) — " How many foot pounds do you suppose there were there?"



IS A COURSE IN ENGLISH NEEDED?

PROF. LANZA - " Anything which ain't perfectly clear, I will leave to you. '

THEY RING IT "ANY OLD TIME"

FRESHMAN (on opening day) - "Do they ring a bell at ten o'clock?"



WHICH?

Wendell's, Anna Lyser.

or,

Bartlett's, Anna Lyt.

WOULDN'T HAVE READ IT IF HE HAD

DR. WENDELL.—" Mr. Crowell, what is meant by dissipation of energy?" CROWELL, '04—"I didn't see anything about dissipation in the notes."

TO HIM THAT HATH SHALL BE GIVEN

"The quarter mile was won by W. P. R. S. T. Pember, '02." S. B. (?).

Extract from the Boston Globe.

ANOTHER ON LINUS

PROF. FAUNCE (in Descrip, lecture) — "There are two ways of doing this problem. You can either take your choice or choose which one you wish."

OF COURSE

Capt. Baird—"You all know that these lectures are interesting because I am such a good lecturer. Excuse me, I mean because the subject is an interesting one and not because I am a good lecturer." [Great applause.]

IT MUST HAVE BEEN LIKE THE ONE AT CHAPEL

Prof. Woods — "Suppose this represents a bar. I will not attempt to say what the attraction of this bar is."

IF THIS IS HIS CONDITION, WHAT IS OURS?

HARRY CLIFFORD (after a brilliantly lucid period) — "Fleming's Rule is Lenz's Law adapted to a low order of intelligence. Personally I prefer to work with Fleming's Rule."



ARLO'S REMARKS WE RETAIN

FRESHMAN THEME ON PARADISE LOST — "The devil went from the region of eternal bliss to that of eternal blister."

ONCE MORE

PROF. ALLEN (in R. R. Management)—" Now, between ourselves, gentlemen, 1 shall quote a little saying 1 heard RECENTLY, "There are three kinds of lies,—plain lies, damn lies, and statistics."

References: Technique, Vols. XIII, XIV, XV, XVI.

WHICH?

MR. BROWN (in Life class) — "Mr. Greely has a very good face here. I feel as though I could take hold of that face and push it."

WHY DOC

PROF. WENDELL (in Physics recitation) — "Alcohol flows more freely than water — at Tech."

TWO TIMES AND REPEAT

Of all the words by mouth or pen The saddest are these, "I've flunked again."

HARRY MUST KNOW

The hope entertained by the Professor of "Heat" as to 1903's future is clearly shown in a problem given for solution: "A thermometer properly surrounded with ice reads — '03 in steam, under pressure, etc."

THAT DEPENDS

Mr. Erhardt (in German Section) — "We do not put a glass of beer in the dative."

AUDIBLE SILENCE

PROF. WENDELL (in Physics Rec.) — "When the tuning-fork is in vibration, upon these curves we hear absolutely nothing."

THE ORACLE HATH SPOKEN

"PROF." LAWRENCE (explaining the black spot of the soap bubble) — "We know the thickness must be thin."

"TWERE EASIER FOR A CAMEL, ETC."

PROF. CLIFFORD (lecturing on heat measurements)—"This is a very fine little eye-piece, which I don't wish to go into."



"BRIEF PREPARATION." OH YES!

PERNIN SCHOOL OF SHORTHAND AND BOOK KEEPING

15

It gives me pleasure to inform you that, notwithstanding the fact that I spent only three months in all with you at the school, and that even that short time was not continuous. I am Secretary to the President of the MASSACHUSETTS INSTITUTE OF TECHNOLOGY. I feel confident that no other system of shorthand that has yet come to my attention would have enabled me to accept such an opening after so brief preparation.—A. LE FOREST DERBY, 21 Wales St., Dorchester, Mass.

All Tech men swear gallantly by Mrs King, the supt of the Tech "lunchroom." She is ever pleasant and accommodating. With the alumni she is especially a favorite because she never forgets a Tech man

Mrs. King has solved the help problem. A majority of her assistants have been in her service for several years.

candles. Everybody, of course, was in costume. There was a sword dance incidental to the play, arranged by Prof. Arlo Bates, which made a tremendous hit. It was done by Mr. Bates, Dr. Bowditch, Mr. Byrne, Mr. John Sturgis Codman, Mr. Robert Homans, Mr.

FROM BALTIMORE DAILY NEWS

YOUNG BALTIMOREAN HONORED.

John S. Bridges, Jr., Is Major At Boston "Tech." Institute.

Mr. John S. Bridges, Jr., son of Mr. John S. Bridges of this city, is now in his third year at the Massachusetts Institute of Technology, at Boston, where he is taking a course in electro-chemical engineering. He will be the first to graduate in this course, which is a product of late developments in scientific research.

Mr. Bridges has just been appointed major of the battalion of the Institute, and is next in command to Captain Baird, the regular army officer detailed there. Mr. Bridges' appointment comes directly from the United States Government and carries pay with it. For two years he has been a non-commissioned officer and is thoroughly versed in military affairs.

Mr. David Wills Bridges, another son of Mr. John S. Bridges, is at the same Institute pursuing a course in mining engineering.



GRINDS THOROUGHLY GROUND

A reference list of antiques upon which the time limit has been called.

Getty and his loads.

Despradelle and the Walker Building.

"Dippy" and his visits to "chapel."

The Tech and its lack of news and sense.

C. Frank Allen and the A. T. & St. Fé.

"Immejetly," "Hath bean," "Rice in temperature."

* "Motaw," "Stataw," "Daataa," "Prim'ry marse," "Pacific gravity," "Meta-Charlie, his spiral staircase, "crank" and other "jokes." [static.

" Justice" E, and the Faculty.

Pearson's hieroglyphics.

Dewey's "urrs."

P. E. Y. A. cards.

* Meta-static Dead by request.

RUBBED THE FRESHMAN THE WRONG WAY

FRESHMAN (as Soph. bumps into him, coming out of Dr. Edward Everett Hale's lecture) — "What are you trying to do?"

SOPHOMORE - "Oh, nothing; just trying to rub elbows with the 'rank and vile."

'03 COURSE I, MOTTO

DONT KILL
YOURSELF, TO
KEEP YOURSELF
IN TECH

OH! I DON'T KNOW

PROF. ALBERS (in Business Law) — "If 1 offer you one hundred dollars to walk to the next corner with me, there may be a gain to me, from being in your company, but there is certainly a loss to you." (Applause.)

A BIOLOGISTESS

MISS HAMMOND (experimenting with a frog in the Biological Lab.) — "Mr Weysee, will I have to clean my own skeleton?"



WHY, CHARLIE!

CHARLIE CROSS (dropping a pendulum on the floor during a Physics lecture) — "Of course, gentlemen, this is only a model, and one can do anything with a model."





SO WOULD WE

Mr. Erhardt (to German class) — "Gentlemen, please make a little silence. I would like to hear myself think a minute."

HIS THOUGHT-WAVES WERE OUT OF PHASE

Prof. Wendell (explaining Doppler principle) — " This part of the spectrum is seen by us as if it were invisible."

BOSTON, REVERE BEACH & LYNN R. R. FERRY

BEVERSTOCK — "That's an odd name on that square rigger — 'Treasurer.'"

C. L. BATES — "Yes, I wonder what makes her *list* so?"

BEVERSTOCK — "Why, probably her accounts are not balanced."

ALWAYS ROOM ON THE FLOOR

PROF. SUMNER (in E. C. & A.) — "Some of these figures are standing and some of them are seatless."

WIT FROM POL. ECON.

"If a man plants crops in the spring and dies during the summer he gets the crops just the same." Gleason, '03, wants to know if he gets them cooked.

OVERHEARD AT THE COOP

FRESHMAN (to one of the young ladies behind the counter) — "Will you please allow these two gentlemen to join the co-operative society?"

SO MUCH THE WORSE FOR THE CLUB

H. N. Hudson - "They tried to kick me off the Glee Club, but couldn't."



Abandon hope, all ve who enter here.

Put every thought of future joy aside.

Prepare for torture, toil, continuous fear,

Loss of Ambition, often-wounded Pride.

I nfernal source of torment, Earth-born hell.

Eternity were short to know thee well.

Deep, ave, and fathomless, thou cursed APPLIED.

WHICH?

FRESHMAN COMPOSITION - "The 'Tech' flag was selected by the students; but a number were first selected by the Faculty, which consisted of different sizes and shapes."

DIFFICULTIES OF THE MIGHEER.

TROUBLE IN FINDING THE

(ROSS-HAIRS)



We hope you've had a jolly laugh And trust you wont feel blue If in this mass of random chaff A little was on you.

Just try to take it pleasantly, And when you look about You'll see that you are better off Than those that were left out.



He Hath Gone But His Works Remain

A MODERN FABLE - By GEORGE AIDED

BEHOLD, many years since, the wise and mighty rulers gat together, and said, "Verily will we make unto ourselves a playground, for our children and our children's children, that they rise up and call us blessed. Verily a mighty playground, where toil will be known not, and innocent joy will rule." And it was so, and the rulers called the name of the playground "TECHNOLOGY."

And it came to pass, in the reign of Harry the Great, that the playground waxed mighty, and its fame spread abroad unto all nations, and in the kingdom were many graven images of it, even Harvard, on the banks of the gently flowing Euphrates, and Burdett's, where gathered the scribes. Selah.

Behold, in the year of the Grand and Solemn Inauguration, the office of undersatrap in the Chamber of Physical Torture fell vacant, and the councillors made appointment of Cyrus, a young man of the kingdom, to succeed. And the heralds summoned him, and he came, and the people made way before him. And when he came unto the councillors, they said unto him, "Wilt thou swear by the blessed book, Watson, that thou wilt mark all the problem books correct, even unto those that are?" And he said, "I will." And again they said unto him, "Wilt thou swear to record daily all the absent ones as present, and a few, even not a very few, of those present as absent?" And he said, "I do." And yet again they said unto him, "Hearken thee, and give good ear to our inquirings. Wilt thou swear never to get in the way of the Lord High Satrap of the Beautiful Countenance, nor ever to extinguish the torches but on command?" And he said, "I swear." Yet did he not say what he said when he swore. Then said they unto him, "Rise up, and go to thine abode, for thou hast found favor in our sight." And he went, and the people followed him.

And it came to pass, that he went up before the multitude to serve. And the people rose, and hissed him, yea, they made cat-calls at him, and made stampings with the feet. Nor when the Satrap threatened to refer them to their papyri, holding them responsible upon the examination, not even then did the vociferation cease, but swelled in greatness. And the young man trembled, yea, he grew red in countenance, and sat him down behind the Projector of Images, nor dared to shew his face.

Even as it was then, so was it in the thereafter. Did he stand on tiptoe to see whom he might record as absent, then did the multitude shake with laughter, yea, even the women laughed, so that he felt as thirty ounces of silver. Did the Satrap require aid, so looked he on with fear and trembling, nor stood to assist, till that he was summoned by the Mighty Voice. But did the Satrap wish that the torches might be extinguished, so did he it gladly, that he might seek the shelter of the gloom. Thus nine moons passed, till that the Awful day arrived, when the Multitude assembled for the last time, for on the next day were they to gather in the chambers of the Scribes, there to make known their interpretation of the Law, even the Law of Boyle. Verily, they remained awake during the expounding of the Scrolls, and cheered with a mighty cheering as the Satrap bade them farewell, and, as they moved in procession to the temple doors, so cried they as one, "Hail, Cyrus, thou N. G. Hearken, for we tell thee that thou art No Good." Verily it is so, even as I have written.

Moral — Be good and you will be happy, but you won't be H-pg-d.

"AND STILL ANOTHER"

OR one more addition to records of Faculty meetings - being preliminary to "The Profs. at the Old Gym.," depicted by the sketches following. Minutes of this meeting were supplied by Thompson,— not "Meow de Katchem Towser" of Phys. Lab. and rubber stamp fame, but a less obstreporous but equally important personage,-the janitor of Rogers].

"Say, Dewey, lock that door; it's five minutes past and any fellows that aren't here now can explain their absence tomorrow," said Harry as he grabbed the roll.

"I move we follow our usual custom and don't do any business, heh? see? ain't it?" squeaked Getty (known to his wife as Gatty).

"The motion is unnecessary," ruled the chair.

"Say, fellers," put in Wendell, "let's go down to the Old Gym. on a spree some night. Pretty soon this new Walker Gym. will come along, and we won't get another chance."

"Walker Gym.!" gurgled Harry, "I did it."

Pritchett smiled.

"Well, I did, didn't I? Who says I didn't?" blustered Harry.

Prexy smiled again.

"Evaporate, Harry," said Bardwell, "Who's talking?"

"Yes," added Linus, "he don't know what he's talkin' about. It ain't got nothin' to do with the question. I'm for a spree."

"You are, are you? It does, doesn't it? It will, won't it? It is, isn't it? It am, am ---?"

"What are you trying to get through you, Allen?" smiled (?) Bartlett. "Spirals," snapped he of Atchison, Topeka and Santa Fé immortality.

"How old is the Gym., anyhow, pa?" asked Rocksy.

"Huh! How do I know? Ask Albert," grunted Prof. Niles. "No! Barton, my boy, you go down and examine the bricks."

"Yes, do," said Burton, "and take the boys along for a little Topographical

Geology. And say, Barton, don't forget the Topographical."

"How old's the Gym. did you say? Why, away back in the reign of Albert the Sleepy, the Faculty voted "- started in Nancy Hanks Currier.

"Hold on there!" broke in Sedgwick, "Impossible! They would not be so rash as that. You're out of order. In more scientific phraseology your hygienic condition is on the bum. Come over to the lab. and I'll vaccinate you."
"I vote for a spree," smiled Clifford.

"Then it's a go, is it fellers?" inquired Wendell.

"I don't want it," complained Charlie. "There's too much playing and athletics here at Tech now. Besides, it's improper. I move we abolish the Advisory

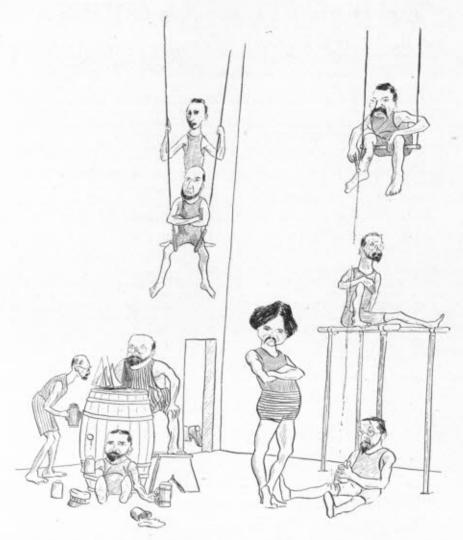
"Cad!" hissed Arlo. "When shall we go?"

"Immejetly," piped Tommy.

"Again!" groaned Bardwell, "Immejetly, huh! Wait until I'm head of Fresh-

"We'll go some night soon," decided Prexy. "I'll leave word at the 'cage." Albert, you notify your friend the janitor. The meeting's adjourned."

Profs. at Gym.



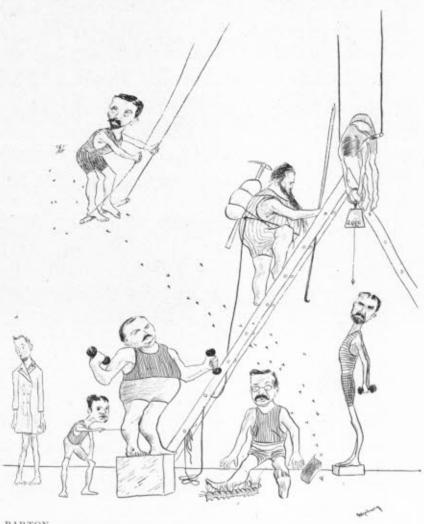
The BURSAR "PEABO" "PREXY"

CHARLIE PAT

HARRY C.

BARDWELL ARLO DANA

Profs. at Gym.



BARTON.

TOMMY

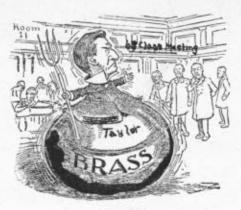
SEDGWICK

APPLIED CARTOONS

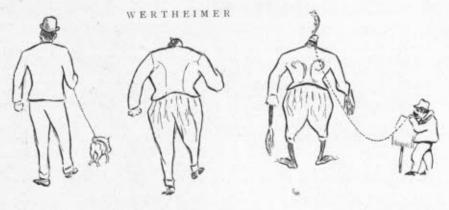








WEIGHTED.
They can turn the figure down, but it won't stay down.
[Price the Missempolis Times.]



THE MISSING LINK

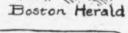


NO HOPE. GOOD-BY.
[From the Cleveland Leader.]











PERHAPS I'LL LET YOU DRIVE LATER ON.



John C "'Melican man tears de fence down?"

a sesident Roosevelt: "Well, no: I was just thinking
of adding these "-From the Journal (Minneapolis).



po for you, The St. Paul Pioneer Press.





AN IS ABROAD.

— The Chicago Reco

TECHNIQUE PREMIUM LIST

%

OBJECT. The Board of Editors can not help but notice the growing esprit de corps at the Institute. A search for reasons resulted as follows: Enlarged classes at the gymnasium, i.e., a medal for the greatest physical development; eagerness to enter "Dippy's" sections, i.e., frequent cuts; intense Freshman-Sophomore rivalry, i.e., a trophy cup; participation in athletic contests, i.e., a T, or new jersey and cap; prize essays, i.e., hard cash, incidentally reading matter for The Tech to persuade loyal students to support their college weekly. There is but one conclusion—the Tech man's motto is "What is there in it for me?" By successive, alternate and intermingled induction, reduction, conduction and deduction (see "Methods of Francis Bacon" by Arlo Bates) we arrived at a decision, therefore this premium list. The object of this list is to have the imposed conditions fulfilled,—not to procure subscribers for Technique,—the honor in being numbered among such is a genteel sufficiency.

CONDITIONS. The conditions governing this premium list were selected with the end in view of inducing the students to attempt tasks in which they have hitherto evinced little interest, or which they have considered impossible. While we must admit that the fulfillment of certain of these conditions is most difficult, with perseverance and the premiums in mind all things will become possible. "What is there in it for me?" The premiums!

List of Conditions

- 1 Remain awake during three successive Physics lectures.
- 2 Approach Harry T. sans overcoat, sans chills.
- 3 Do Andy Mac.
- 4 Never cut drill.
- 5 Learn anything from one of Peabo's lectures.
- 6 Achieve a co-ed's gait, with variations.

PREMIUMS. The premiums chosen cover a varied field of uselessness. The Book Department has been placed under the censorship of Arlo Bates,—enough, said. The General Department contains articles of a more or less serious character,—mostly less. Realizing the strenuity of the life of the Tech man we have introduced a Toy Department and trust that it will be appreciated. This entire offer is open to all students, including the less fair sex.

AWARDS. Owing to the fact that the Technique Board shuffles off this mortal coil on the appearance of Technique (we explain this fact in order to preclude any attempts to aid us in the passage) it is impossible for us to superintend the distribution of premiums. When any questions regarding the offer may arise or when any premiums are earned, the Bursar can supply all unnecessary information. While we have not consulted the Bursar regarding the offer of his services, we have no doubt that he will do as said, for we know him to be a man of cents.

Book Department



The Other Side . . . J. S. Bridges, Jr.

A heart-rending appeal to popular sentiment. This stirring tale depicts the struggles of the young author for fame, with his remarkable success.

Two Centuries as a Lecturer

The writer has at last consented to give to the public the secrets of his success in holding the attention of his auditors. It is impossible to appreciate his abilities as a lecturer until you have read it. The work is invaluable to a student of Physics.

Only a Chestnut Blossom; or, I Cannot Spring the Old Joke Now

Under this title the unknown author has collected a number of extremely witty and amusing articles by such well-known humorists as Mr. Blackstein, Prof. Miller, Mr. Burrison, Herr Vogel and others. The 200th edition will soon be on the hands of the booksellers.

Me and My Doings

A companion book to the author's former work, "I'm It," and written in the same inimitable style. The author and the subject are inseparable, and the reader is impressed with the accomplishments of this truly wonderful man.

Author (escaped)

This rare collection of melodious tupes, used for many years by the M. I. T. Y. M. C. A., has for a frontispiece a beautiful half-tone of the Glee Club. It has been suggested that the book would have met with greater success had it, like the club, been a half-tone out. The collection includes, "Dry Am I," by Dippy; "My Popularity," by Linus, "Money Must," by Albert M. K.; "The Tail of the Facultee," by Prof. Norris, etc.

Actions and Their Reactions . Pope, Tommy the One

In this, his first work, the promising young author has attained the difficult achievement of applying his scientific learning to every-day problems. By means of some of his simple equations and lucid graphic symbols, the outcome of such natural actions as "cutting," "flunking," "cribbing," etc., is clearly set forth.

Besides the above books we have on hand a large assortment of Tracts. "F's and F F's As a Liberal Education," and "Side Talks on Vaccination," give an idea of the range of subjects.

Trade Mark C. F. A on every Tract

General or Miscellaneous Department

BRUSH AND COMB

¶ THE Board has been fortunate in securing the right to offer to those interested, this brush and comb, which have been given such a wide-spread popularity through Profs. Cross and Bailey. Prof.



¶ Through the kindness of Al. M. Sleight we are able to offer to the public for the first time this outfit, by which innocents have been relieved of 200 per, + a variable, approaching a superior



Cross says, (pointing to his parabolic reflector)— "From this you can readily see that, while formerly I used the other kinds, now I would rather use these than none. The explanation is simple enough and I will only refer you to your textbook, 'Pate Physics, Hair Exterminants; or, How I Cheat the Barber."



limit, and proportional to the innocence of the innocent. The outfit contains many surprises. With each set we give one copy of Al's "How I Win and You Lose; A Mathematical Calculation of the Chances of Throwing Doubles with Loaded Dice."

WENDELL'S READING GLASS

¶ The possibilities of this glass in the future canonly be roughly estimated from its accomplishments in the past. Of the latter it is scarcely necessary to do more than state that with it a joke was once found in *The Tech*; a correct equation was discovered in Peabody's Thermo; Prof. Pearson's criticisms have become intelligible; and "Blackie" has often regained his pencils, which had been covered up by a small rubber. The effect on a report of F's and L's, like Flunk's, is clearly shown in the cut. Have one on hand at home for the finals.



General or Miscellaneous Department

A PAIR OF SKATES

Very Swift

¶ Don't be a grind. Break away from your studies occasionally and take a spree. Ice suggests itself in natural sequence.



¶ These skates are warranted all steal. One, the right one, has a revolver attachment, a truly remarkable feature. One trial is convincing.

¶ How to order: Use usual restoratives, with frequent applications of ice.

A UNIQUE WATCH FOB

¶ For those looking after originality, we have it, in a striking Watch Fob, consisting of a tiny vest-pocket copy of "My Latest Edition," by "Gettie" Lanza. It is handsomely bound in a postage stamp, and contains a weighty argument as to the possibilities of book publishing and the easy acquisition of a V plus six dimes (4c. extra if bought in Chicago).



SOMETHING NEW

THE EQUIVERBATIC AUDIOPHONE

¶ This latest invention of the mysterious Prof. X is, as the name implies, an instru-

ment by which the operator is enabled to regulate the frequency with which the lecturer's words fall upon the ear. Rapid lectures are thus slowed down to a convenient

speed for note taking and slow lectures finished in half time. An adjustment on the improved instrument provides for the elimination of all "urrs." This premium

should be invaluable to students in Nancy's History and Dewey's Pol. Econ. classes. The inventor is contemplating a further improvement by which the mur-



dered "King's English" of our lecturers can be transformed into the purest diction.

Toys and Games Department



A TOY BANK

¶ ALTHOUGH appreciating the "pa" value of the bank's assistants, students do not take much stock in this bank. Prof. Dewey, after years of observation and investigation, has prepared charts showing the decrease of the students' interest during the four years.

PEABODY'S PRACTI-CAL PLAYTHING

This remarkable little toy engine, the inventor assures us would have run had not the boiler, cylinder and one or two other

minor details been entirely overlooked. However, the machine is good enough for explanation, and every boy engineer will recognize the missing link motion in disguise. It has a high efficiency when run on wind. Demonstrations in Room 20, Engineering B.

CAPUTS, CRANIUMS, OR BLOCKS

THE new game so popular with the Profs. We are sole owners of the patent applied for, notwithstanding Peabo's

statement to the contrary. The unique feature of the set is the absence of C's and the superabundance of F's. Our stock is kept exceedingly low by Professors Bartlett, Faunce and Allen. "Familiarity breed s contempt"—indulge in this game regularly and reports will cease to hold charms for you.



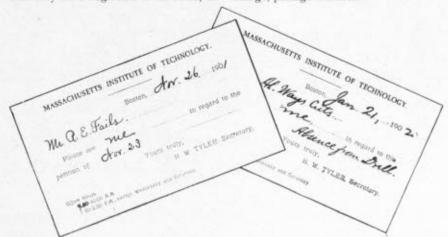


Toys and Games Department



CALLING CARDS

¶ As an extra or perseverance reward for those who have striven so hard to fulfill the conditions of this premium list, that they have neglected to fill dates, as per tabular view, we join hands with Dr. Tyler in distributing these engraved calling cards. They will be sent free of charge, postage included.



Co-ed Department

SPECIAL OFFER

THE TECHNIQUE Board has long lamented the inconspicuous part played by our Co-eds. But believing that our studies teach a more practical method of procedure we have instituted an Applied Lament, i.e., have sought a remedy for the cause of this universal woe. This search has resulted in a costume for the Co-ed, depicted in both word and pen sketches on this page. We are confident that its adoption by our Co-eds will make them at once conspicuous and invite recognition. We have studied faithfully old fashion magazines and descrip. plates, and our efforts have resulted in a natty, striking costume, most delicate in conception and exquisite in execution.

BOOTS — Tan (**) 102° F. Tyler instep. Thirsty soles, "kommers" style. High balls (coefficient of friction, ¹/₁₃ on ice). T square toes. Pneumatic cushion heels with air compressor attached. Leather belt lacings, laced through Newton's rings.

Sizes 2 \int 15 F T. dydx have, after long observation, been found to give the best satisfaction.

HOSE — Rubber, limit of elasticity, 11/2 times original diameter. Combined capacity, two feet. Spliced toes and heels. Striped longitudinally or transversely, alternating with Institute or Class Colors, all colors warranted fast, but blue and gold are fastest.

SKIRT - Cardinal red serge; (frequency and amplitude of surgings directly proportional to the east zephyr at the corner of Boylston and Clarendon, and inversely proportional to the year of the wearer). Cut Stanlaw fashion (consult any copy of Life), i.e., waist band at tan 1.89133 with horizontal. Equation of contour,

I = log cos Θ Π 4 + n r aj.

For line of beauty, points of inflexion are (o, a) & (P, B). Pattern - 6.33 small silver gray ▲, with red T's, per sq. ft. (Co-eds' feet are not square.)

JACKET - Red Norfolk, worn open. Plenty of pockets. Complete set of souvenir brass buttons, each button having the raised head of some celebrity, including the janitor of the Margaret Cheney room, Mrs. King, Dr. Dewey's assistant, etc., etc.

VEST-Silver gray. Pocket in each quadrant labelled "String (for Juniors)," "Mitten and Knife (for Freshmen)," "Ice (for Sophs.)," and "Rice (for Seniors)."

CAP-Indented pancake form. Red incandescent bulb on right balanced by a feather duster on left. Storage battery on inside connected with bulb through Tech Seal hat-pin.

BELT - 2" leather with heavy lacings has been found experimentally to successfully withstand the strain Lengths may be obtained from tables in Applied (chapter on Couples), or may be computed with the formula

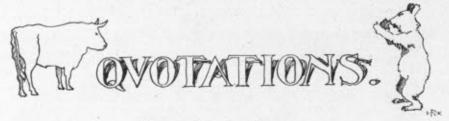
$$L = A + Bx + Cx^2 + \dots$$

where A, B, C, etc., are constants depending on the length of arm.



SIDE VIEW AND FRONT ELEVATION





To pen such words as these
"Twere futile e'en to try,
Enough for us to fit the thought
Where best it will apply.

"I'll make assurance double sure and take a bond."— The Bursar to Freshmen.

"Surely mortal man is a broomstick." - W. L. Wing, '03.



"Ha! By this jolly red beard, I'll show thee what I'm here for."

—R. E. Dimock, '03.

"Two up and two to go."-Sophomores.

"Same old story, nothing new."—Drill suit as good as new, will fit a man 5' 10".

"As a wit, if not first, in the very first line." - Harry Clifford.

"How hard their lot who neither won nor lost." Tie in class elections.

"A weak invention of the enemy." - Reports.

"The other shape,

If shape it might be called that had none."

— D. B. Bary, '04

"Something between a hindrance and a help." - Notes on Mechanics and Optics.

"Cheer up old man, cheer up, we'll soon be dead."-P. R. Parker, '03.





- "As fine a fellow as one oft meets, and as handsome as he's fine."- Hadley, '03.
- "And the voice in my dreaming ear melted away."-In Physics Lecture.
- "I do perceive here a divided duty."- Keith's vs. Themo.



"Oh! How regardless of their doom The little urchins play, No sense have they of ills to come, No care beyond today."

-'05.

- " A beggarly account of empty seats."- '03 Class Meeting.
- "The Right Honorable gentleman is indebted to his memory for his jests."-C. Frank Allen.

Course XI's only disadvantage.— H. P. Drake, '03.

- " Some natural sorrow, loss, or pain That has been, and may be again."-FF.
- "Learn to labor and to wait." Doing an " Unknown."

"To those who know thee not, no words can paint! And those who know thee, know all words are faint!"

- M. I. T.

- "There's no art to find the mind's construction in the face," Miss Dexter.
- "Superfluous lags the veteran on the stage."- H. N. Hudson, '01, '02, '03.





- "'Tis the voice of the lobster."- W. E. Sumner, '03.
- "A cherub's face, a reptile all the rest."— Prof. Bardwell.



"Honor is the subject of my story;
I can not tell what you and other men think."

— 1903 Electoral Committee.

- "No man could write his epitaph."- Harry Tyler.
- "On their own merits modest men are dumb."- R. F. Jackson, '03.
 - "Beautiful as sweet!
 And young as beautiful! and soft as young!
 And gay as soft! and innocent as gay!"

 The Freshie Co-ed.
- "They leave no stone unturned." Course XII.



- "TECHNIQUE '03 redeems the class." Hamilton
- "The crow doth sing as sweetly." Glee Club.
 - "You write with ease to show your breeding,
 But easy writing's curst hard reading."

 Prof. Pearson.
- "I have had to do with boards, but never with this particular lumber."—1903. TECHNIQUE Board.
 - "Labored nothings, in so strange a style," Tech editorials.





- "Jests are not always pardoned by a smile." Mr. Blachstein.
- "I am far from the roll of common men." Robertson, '03.

GLEANINGS FROM THE GOLDEN THOUGHTS OF OUR PREDECESSORS ON THE CO-ED

The Reign of the Co-ed. Leap Year .- 1897 TECHNIQUE.

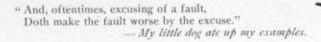
- "She is neither fish, nor flesh, nor good red herring."-1898 TECHNIQUE.
- "She has a pretty face, a very pretty face (?) 1900 TECHNIQUE.
- "It is a familiar beast to man and signifies love."- 1901 TECHNIQUE.
- "For of such is the kingdom of heaven."- 1902 TECHNIQUE.
 - "Is she not more than painting can express,
 Or youthful poets fancy when they love?"

 The Co-ed.

"Our army swore terribly in Flanders,—but nothing to this."—Course II draughtsmen have troubles of their own.

"Through thick and thin, The prize to win." TECHNIQUE rush.





- "A rosy cheek and an election smile." Gleason, '03.
- "These are the times that try men's souls." Final Exams.
- "As modest and attentive as a blushing maid." C. E. Chase, '03.





"Their friends,—they are many:
Their foes,—are there any?"
—Profs. Merrill and Clifford.

- "The loud laugh that speaks the vacant mind." Sophomores in Physics Lecture.
- "I am a man more sinned against than sinning." Prof. Cross.
- "Practical jokes belong to the lower classes."- '02.
- "I can not but remember such things were." Drill.
 - "Eternal smiles his emptiness betray.

 As shallow streams seen dimpling all the way."

 Prof. Park.



- "I have found out a gift for my fair."- 1903 TECHNIQUE.
- "And what is so rare as a day in June?"-Graduation Day.
- "Devise wit, write pen, for I am whole volumes in folio." Tech editors.
- "I take all knowledge to be my possession."- Taylor, '03.
- "A change has come over the spirit of his dreams." Robertson, '03, eagerly takes notes.
 - "When will this dream come true?" -- Course XIV.





- "Every great man is unique." President Pritchett.
- "Doth make the night joint laborer with the day." The Tech man.
- "True wit is nature to advantage dressed,
 What oft was thought but ne'er so well expressed."

 —"Grinds."
- "Music fills up the present moment more decisively than anything else."—The Italian trio in front of Rogers.
- "Left the past year's dwelling for the new."— Technology Club.



- "Use Sapolio."-R. A. Pope.
 - "Give me but what this ribbon bound,

 Take all the rest the sun goes round."

 The Senior's Sheepskin.
- "Thou wert our guide, philosopher, and friend."-Prof. Runkle.
- "Wouldn't that jar you?"-13 Eng. B. when they are working the planer below.
- "I have fought a good fight, I have finished my course." The Senior.
- "And out of mind as soon as out of sight."-Descrip.
- "Second cousin to a government mule." Rott, '03.
 - "He left a name, at which the world grew pale,
 To point a moral, or adorn a tale."

- Corporal Bailey.





- "I was not born under a rhyming planet."- F. II. Hunter, '02.
- "An ill-favored thing, sir, but mine own." Getty's Applied.
- " A favorite has no friends." Bridges, '03.
 - "Seldom he smiles, and smiles in such a sort,
 As if he mocked himself, and scorned his spirit,
 That could be moved to smile at anything."
 Dana P. Bartlett.
- "Every man is the architect of his own fortune." -- Course IV.
- "The rankest compound of villainous smell that ever offended nostril." From the Freshman lab.
- "Forced from their homes, a melancholy train." Recitation rooms at 71 Nowbury Street.
- "This is the night that either makes me or fordoes me quite."—The night before the exams.
 - "The humor (?) of it." The Tech's cartoons.
 - "My tables, my tables,- meet it is, I set them down."- Webster Wells.
 - " For I am nothing if not critical."- Prof. Pearson.
 - "Name on every piece." 32 3la
 - "A devastating tornado that leaves ruin in its path." C. L. Adams in Life Class.





- "Go tell that to the marines."-Prof. Peabody's Joke.
- " And sits attentive to his own applause." -- Arlo.
- " Confusion worse confounded." Tabular View.



- "Claret is the liquor for boys, port for men; but he who aspires to be a hero must drink brandy."—Chapel.
 - "Implores the passing tribute of a sigh."-Pol. Econ.
 - "The man that blushes is not quite a brute."-Mr. Carter.
 - "And ever, but in times of need, at hand." Boston police.
 - "Base is the slave that pays."- His class dues.
 - "We two are to ourselves a crowd." Carty Twins, '04.
 - "The attempt, and not the deed confounds us." Physics exam.
 - "In notes by distance made more sweet." Glee Club.
 - "This dull product of a scoffer's pen." Lounger articles.
 - "Some marks are easy, some very easy."—Co-op. Members.





- " Nothing doing." Course IX.
- "Tomorrow to fresh woods and pastures new."-Oct. 1, 1901.
- "A face that can not smile is never good."- Prof. Bartlett.
- "The chamber where the good man meets his fate."- H. T.'s office.
- "Why doth this generation seek after a sign?"—On well KE. LUNG



- "My library was dukedom large enough."-R. P. Bigelow.
- "How are the mighty fallen in the midst of battle."-After the semi's.
- "Unfortunate, he who has a name."- In Blackstein's section.
- "Truth from his lips prevailed with double sway."- Prof. Wendell.
- "Then he will talk good gods, how he will talk." Prof. Currier alias Nancy.
- "In this matter the only certainty is that there is nothing certain."- Themo.
- "A cadenced murmur." C. R. Cross' Physics Lecture.



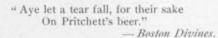


- "Benign he was and wondrous diligent
 And in adversity full patient,
 Though holy in himself and virtuous
 He still to sinful men was mild and piteous
 Not of approach imperious or malign
 But in his teaching soothing and benign."
 Thomas Pope.
- "Hail to thee blithe spirit, bird thou never wert."

 The man in the "Cage."
 - "Delightful task! to rear the tender thought,
 To teach the young idea how to shoot."

 Drill.

"As honest a woman as ever napped ginger." — Mrs. King.





- "Of sixty years he seemed, and well might last
 To sixty more, but that he lived too fast."

 —"Dippy."
- "If I'm not up to date, I am at least A. D." Maclachlan.
 - "Hesperian curls, the head of Jove,
 An eye like Mars, to threaten and command."
 Prof. Hofman.
 - "A frame of adamant, a soul of fire,

 No dangers fright him, and no labors tire."

 A. M. Knight.









Gymnastics

Total

Instructing Staff for the Year 1901-1902

Subjects	Professors	Associate Professors	Assistant Professors	Instructors	Assistants	Total	Lecturers	Total 1901-1902	Total 1900-1901
Architecture	2	2	0	1	1	6	9	15	12
Biology, Zoology, etc	1	0	1	4	0	6	7	13	13
Chemistry,	3	0	6	11	6	26	6	32	35
Civil Engineering	4	0	1:	5	3	1.3	1	14	15
Drawing and Descriptive Geometry	0	1	0	5	2	8	2/	10	8
English History and Political Science	4	0	2	2	1	9	2	11	10
Language	2	1	0	4	0	7	0	7	7
Mathematics	4	1	3	3	0	.11	0	11	1.1
Mechanic Arts	0	0	0	3	4	7	0	7	6
Mech. Engineeri'g and Applied Mechanics	2	3	3	3	7	18	1	19	22
Military Tactics	1	0	0	0	0	1	ī	2	1
Mineralogy, Geology and Geography	Ľ	0	2	1	1	5	0	5	5
Mining Engineering and Metallurgy	2	0	1	1	4	8	1	9	7
Naval Architecture	2	0	0	2	0	4	0	4	3
Physics and Electrical Engineering .	1	- 1	6	4	7	19	12	31	35

9 25 49 36 141

25 11 27 40 29 132 42

1901-1902

1900-1901

Summary of Graduates by Courses

YE	AR		Civil Engineering	Mechanical Engineering	Mining Engineering	Architecture	Chemistry	Metallurgy	Electrical Engineering	Natural History or Biology	Physics	General Course	Chemical Engineering	Sanitary Er gineering	Geology	Naval Architecture	7
			Eng	Mec	Min	And	Che	Mer	Ele	Nat or B	Phy	Gen	Che	San	Geo	Nas	Total
1868			6	1	6	0	0	0	0	0	0	1	0	0	0	0	14
1869		100	2	2	0	0	1	0	0	0	0	0	0	0	0	0	5
1870			4	2	2	0	1	0	0	0	0	1	0	0	0	0	10
1871		2.	8	2	5	0	2	0	0	0	0	0	0	0	0	0	17
1872			3	1	5	0	3	0	0	0	0	0	0	0	0	0	12
1873			12	2	3	- 1	7	0	0	0	0	1	0	0	0	0	26
1874	-		10	4	- 1	- 1	0	0	0	0	0	2	0	0	0	0	18
1875			10	7	6	1	1	0	0	0	1	2	0	0	0	0	28
1876			12	8	7	0	5	1	0	2	3	4	0	0	0	0	42
1877			12	6	8	4	2	0	0	0	0	C	0	0	0	0	32
1878			8	2	2	3	3	0	0	0	0	1	0	0	0	0	19
1879			6	8	3	- 1	- 3	0	0	- 1	1	0	0	0	0	0	23
1880			3	0	3	0	- 1	0	0	0	0	1	0	0	0	0	8
1881			3	5		3	. 8	0	0	1	0	2	0	0	0	0	28
1882			2	5	- 5	3	6	0	0	1	-1	- 1	0	0	0	0	2.4
1883			3	7	5	. 1	3	0	0	0	0	0	0	0	0	0	19
1884		100	5	6	13	0	12	0	0	0	0	0	0	0	0	0	36
1885			4	7	8	2	4	0	2	0	0	1	0	0	0	0	28
1886			9	23	7	1	7	0	10	1	0	-1	0	0	0	0	59
1887			10	17	8	1	9	0	- 8	- 1	1	3	0	0	0	0	58
1888			11	25	4	5	10	0	17	3	1	1	0	0	0	0	77
1889		100	14	24	5	3	8	0	17	1	- 1	2	0	0	0	0	75
1890			25	28	3	5	13	0	18	3	2	6	0	0	0	0	103
1891	11		18	26	4	6	11	0	23	3	3	1	7	0	- 1	0	103
1892			22	26	4	13	7	0	36	.6	1	7	4	6	1	0	133
1893			25	30	5	2	8	0	41	2	0	6	8	0	2	0	129
1894			21	31	4	14	11	0	33	1	3	5	12	3	0	0	138
1895		0.8	25	30	3	15	14	0	33	0	2	4	- 11	4	0	5	144*
1896			25	34	10	24	17	0	48	3	3	7	7	4	3	5	189*
1897	100		25	40	7	16	20	0	33	2	3	7	12	4	1	9	179
1898			32	41	7	29	26	0	33	3	4	6	9	3	0	7 8	200
1899			30	38	9	22	21	0	32	2	2	1	9	1	0	8	173*
1900	1		32	33	20	21	16	0	22	3	3	5	11	4	0	9	184
1901		32	37	39	17	21	17	0	25	1	1	16	14	4	1	16	199
То	tals		474	560	205	218	277	1	431	40	36	85	104	33	9	59	2,532
	I	ed	uct r	ame	s cou	inted	twice	е.							1		14
	N	let	total			400	44		4.	6 4					į.	X X	2,518

^{*} Deducting names counted twice

Geographical Distribution of Students



United States

Alabama 2	Kentucky 9	Ohio 27
Arkansas 1	Louisiana 1	Oregon 2
California 9	Maine 30	Pennsylvania 36
Colorado 6	Maryland 16	Rhode Island 38
Connecticut 42	Massachusetts 837	South Carolina 2
Delaware 3	Michigan 12	South Dakota 2
District of Columbia 14	Minnesota 11	Tennessee 4
Florida 1	Missouri 19	Texas 7
Georgia 4	Montana 4	Texas
Georgia 4 Idaho 1	Nebraska 3	Vermont 15
Illinois 44	New Hampshire . 31	Virginia 5
Indiana	New Jersey 6	Virginia 5 Washington 4
lowa 8	New York 79	West Virginia 1
Kansas 1	North Carolina 6	Wisconsin 11
	tates represented	
	Foreign Countries	
Austria	Denmark 1	New Brunswick 2
Bermuda 2	England 3	Nova Scotia 6
Brazil 4	France 1	Ontario 3
Chili t	Germany 3	Porto Rico 1
China r	Jamaica 1	Quebec 2
Columbia 1	Japan 2	Russia 1
Cuba	Mexico 7	Venezuela 1
	oreign countries represented	. 21
Number of s	tudents from foreign countries	. 45

Percentage of Graduating to Entering Students

96

	YEA	R OF I	ENTRAN	NCE				nber Entering as Regular -Year Students	Number Graduat- ing with Same Class	Percentage Graduating
1866	8.	2	34	7	24	7		58	5	8.6
1867	150				11	2	0.4	54	10	18.5
1868	-							50	17	34.0
1869				-	7.4			63	12	19.0
1870								71	26	36.6
1871	100				-	-		82	18	22.0
1872			1.9					112	28	25.0
1873	100		3		1			59	42	71.2
1874			-					35	32	91.4
1875	4	100	- 4		-		14	65	19	29.2
1876				0		-		31	23	74.2
1877	10,2	13	F4.		-	-	- 12	47	{ 8* } 28† }	76.6
1878		4	100			-		34	24	70.6
1879								34	19	55.8
1880				4.5			-	62	36	58.1
1881		-						86	27	31.4
1882						4	-	114 -	59	51.8
1883								140	58	41.4
1884		4	77.7		3.			186	77	41.4
1885								177	75	42.3
1886								190	102	53.8
1887			-			-	10.0	229	103	44.8
1888	23			-				245	133	54-3
1889			- 10				1.4	255	129	50.6
1890								234	138	58.9
1891		- 6			100		-	258	144	55.8
1892								303	188	62.1
1893								301	179	59-5
1894								271	200	73.9
1895								266	173	65.1
1896								263	184	70.0
1897								277	199	71.8
				Avera	ige			. 50.6 pe	er cent.	0,00

The percentages are somewhat high, due to the number of students entering from other colleges in the second, third and fourth years.

^{*} Graduated under Three-Year Course † Graduated under Four-Year Course

General Information

%

HE flag of Technology was adopted by the student body in November, 1901. It was first used in public on Field Day, November 9, 1901. It is of the Institute colors (Hemminway & Sons' silks, cardinal number 642 and gray number 1200). For the official cane flag the base is 14½ inches, length 20½ inches, height of small triangle 9¾ inches; height of T 4½ inches.

"The special students this year constitute 29 per cent. of the whole body, as against 27 per cent. last year and 26 per cent. the year before" (*President's Report*). The Junior class leads the classes in the number of Specials. The Sophomore class, however, is a close second. Physics is the favorite subject of the Specials. If the Specials formed a class by themselves, it would be the largest class in the Institute.

There are but 35 regular five-year students at Tech, and Courses II and VI contain the greatest number of them.

This year's increase in the number of students has never been equalled. Five hundred and seventy-one new names appear in the catalogue list of students. Of these 396 entered as Freshmen and 175 as students of advanced standing.

Seventy and two-tenths per cent. of the students come from New England; 31 per cent. from Boston and its suburbs.

The ratio of instructors to students is 1 to 9.2.

Course II is the largest course in the Institute. It contains 129 regulars. Course I is second largest. Course VI was the largest for a number of years before 1895, when Course II took the lead.

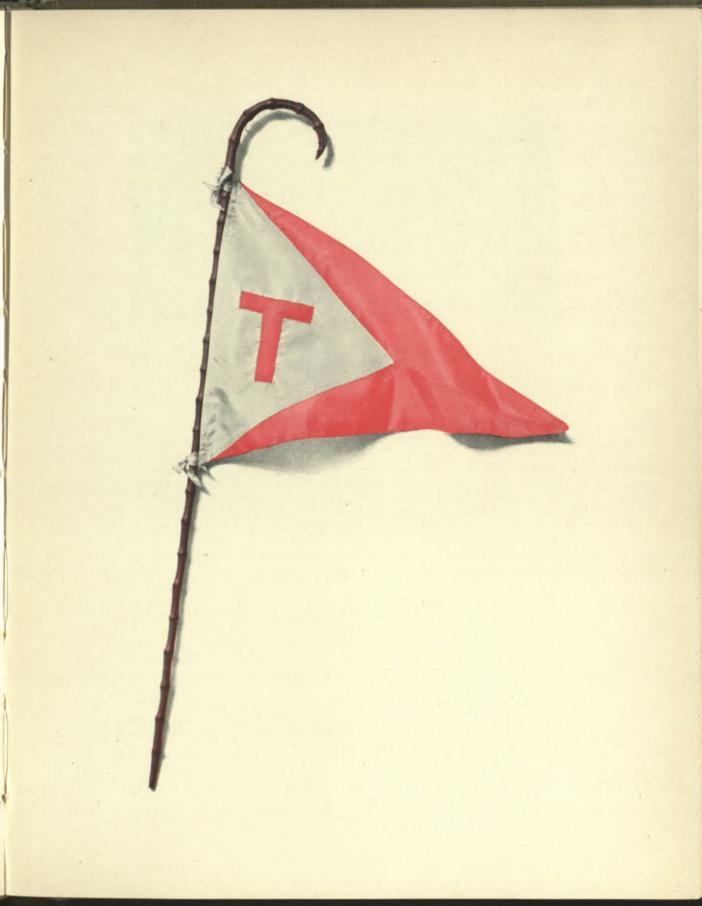
"Der Deutche Verein" is the name of a society which was prominent in Technology social life in 1896. Its membership consisted of 13 professors and 54 students.

The average age of entrance is, at present, 18½ years. The youngest who entered last fall was 16. The youngest graduate last June was 20.

The libraries of the Institute contain 57,000 volumes and over 16,000 pamphlets. These books are divided among nine departmental libraries and the Margaret Cheney Reading-room.

In the Freshman year there are more students taking Chemistry than any other subject. In the Sophomore, Junior and Senior years there are more taking Physics than any other subject.

There are 49 co-eds at Tech. Five are graduates of other colleges. Five are Seniors, six are Juniors, five are Sophomores, and thirty-three are Specials. Courses IV and V are the co-eds' favorites.





Technology Lunch-Room Statistics



In the a brief outlook over the work will best answer the various questions. In the fall of 1890, the lunch-room was established in the basement of the Rogers Building. The room taken was in the Department of Applied Mechanics, and the testing machine, well known to Mechanical Engineering students, occupied the room afterwards used as the kitchen. At considerable expense and much hard work, the room was fitted up under the supervision of General Walker and Mrs. E. H. Richards of the Department of Chemistry. An entrance was made at the right of Rogers steps and another at the foot of the winding stairs. Graduates of '91 to '98 well remember the helter-skelter scramble of the crowd which at one o'clock filled the narrow room to suffocation in a few minutes.

At first the fare was very simple, being chiefly sandwiches, soup, chocolate and milk. It soon became evident that more variety must be provided, and from time to time substantial dishes were added. While the Institute assumed all financial risk, it was hoped that the lunch-room would pay all running expenses and an interest upon the investment. This has been accomplished with difficulty since regular work is broken by Saturdays, holidays and weeks during which examinations are held. Many of the Professors were patrons and the best efforts were inspired by a weekly visit from General Walker who always expressed a kindly interest. For eight years it grew and demonstrated its usefulness in many ways. Before the days of the Technology Club, refreshments were served at smoke talks, meetings of the various societies and student clubs; and to the present time many official and student receptions are conducted under its management.

In the fall of 1898 the lunch-room was removed to its present location on the lower floor of the Henry L. Pierce Building. With windows on three sides giving plenty of light and air, this room is well adapted for use as a student's lunch-room. Here many of the necessary restrictions in regard to cooking were removed, making it possible to serve a larger proportion of substantial hot dishes. Two-thirds of the floor space is filled with tables at which one hundred and seventy persons can be seated. In the left-hand corner is the kitchen and the counter from which every one is served. In the space between the counter and the kitchen are steam-heated ovens, jacketed kettles, urns, etc., used for keeping soups, coffee, chocolate and special dishes hot till served. On the counter is placed a variety of food; sandwiches, pies, fruit, etc., and a section is devoted to the serving of bowls of milk with crackers, bread or shredded wheat.

The amount of food consumed can be determined by a statement in regard to the quantities of materials used during one week. A few of these items are: three hundred pounds of chicken, one hundred dozen eggs, one hundred fifty loaves of bread, two hundred fifty dozen rolls, one hundred seventy-five pounds of butter, one hundred forty-five gallons of milk. The butter is received freshly made each day and is the special care of a graduate of the Biological Department. The milk also is under the supervision of this department. Fish, oysters, beef, lamb, veal, turkey, stewed fruits and simple desserts vary the daily fare. One or two hot dishes are served each day at ten cents each. About twenty per cent. of the patrons pay this amount. The average price paid is about seventeen cents. The number of students and instructors fed daily is about five hundred.

Three members of the Faculty act as a committee on the lunch-room, their supervision being principally to receive and make suggestions which will promote the comfort and convenience of the students. All recommendations made by the committee are sent to the President for approval, and as in every matter where undergraduate interests are concerned, the sympathetic interest of President Pritchett has been an active force. The management of the lunch-room has been the same from the beginning. Friendly interests among the students have been promoted and many a student in every class for the last twelve years treasures as a pleasant memory the Institute lunch-room.

Elew A. King.

[Editor's Note — The able management under which the lunch-room has developed from nothing to its present capacity is that of Mrs. King. "Figures speak plainer than words." The students' attitude toward the lunch-room is only too plainly shown by the great numbers who daily enjoy its products. Three cheers for Mrs. King!

Class Statistics

To each 1903 man there was sent, during the term, a list of questions. With creditable promptness, the replies were received, and the results are set down below. In a noticeable number of cases the replies were accompanied by a query of why the questions could not be a little more personal.

Age

Average age = 21.312 + years. Two men are at the maximum age of 28 years. Our youngest is 18.

Weight?

Average weight = 146.56 pounds. Heavyweight = 195 pounds. Lightweight = 78 pounds.

Height?

Average height = 5 feet, 9.11 inches. (Highest minded man, 6 feet, 3.9 inches. The little man of the class has a height of 54.5 inches. He is also the one who weighs 78 pounds. Who can he be? A box of jujubes for the best guess.

Rising Hour?

Average rising hour = 7.35 A. M. An early bird rises at 6 A. M. He's a suburbanite. "The early bird catches the train." Three rise at 9 A. M.

Retiring Hour?

Average retiring hour = 11.21 P. M. One retires at 1.45 A. M. Another man says he goes to bed at 9 P. M. Harry T. would not give us his record.

Strength Test?

The majority don't know what the strength test is: 74.7 per cent. have not tried it: 25.3 per cent. have tried it. Of the limits given, 705.65 is an average. In computing this average, it was found necessary to omit the several limits of infinity and the limit of carrying an "Applied" five miles.

Tobacco?

44.8 per cent. use tobacco; 55.2 per cent. do not. There are fifteen cigarette fiends, eight chew, two use snuff, and one pulls a dope pipe. One smokes to keep away moths. Another does not use tobacco; he smokes cigarettes. There is the customary number of cubeb, sweet-fern and coffee-grounds smokers.

Favorite Drink?

63.6 per cent. claim soft drinks as their favorite. 36.4 per cent. take intoxicants. H₂ O is by far the greatest favorite, with H₂ S O₄ and K C N in close competition for second place.

Is Four Years Sufficient Time to Complete the Work at Tech?

55.1 per cent. say that four years is not enough time. 44.9 per cent. think it is enough. One says, "It's enough time if the men work all the time." Another says, "No, but many get through in two."

Do You Vote?

No, 63.1 per cent. Yes, 36.9 per cent. Republicans, 41.9 per cent. Democrats, 11.4 per cent. The remainder of the class are anything from A. P. A. mugwumps to don't-care backsliders. There is one Adiabatic Expansionist. One man says he "votes when Cheney sends him a ballot."

Is the "Co-op." a Benefit?

Answers to this question unfit for publication.

Favorite Professor?

Thirty-three different professors were voted for. Professor Merrill is the leader, with Harry Clifford very close on his heels. Dr. Wendell is third in favor, and Prof. Burton is fourth. One says, "All the Profs. have used me well without any special inducement."

Cost of College Career?

Average cost = \$2,417.458—. Average cost for those living at home = \$1,970.811—. Average cost for those away from home = \$2,984.634+. The average cost to the western man = \$3,525. The average cost to the eastern man = \$2,086.40, at home and away from home. For those away from home, \$8,000 is the maximum and \$1,800 the minimum. For those living at home, \$4,800 is the maximum and \$1,200 the minimum. It costs one man \$1,600, loss of 1,200 nights' sleep, wrecked nerve, and many flunks.

The allowance per month varies from \$1 to \$130. Probably the greatest allowance has been enjoyed by one of the reporters who says it varies with the amount of news at "Tech." (If he can not get it, he makes it.)

Location of Future Home

United States = 73 per cent. Indifferent = 19 per cent. Foreign countries (including Philippines) = 6.4 per cent. Hell = 1.6 per cent. (The statisticians did not know whether the last-mentioned place should go under the head of foreign countries or not. It seems so very close at hand much of the time that they have given it a separate heading.)

Do You Attend Lectures Out of Your Course?

No, 57.3 per cent. Yes, 30.7 per cent. Very occasionally, 12 per cent. Several attend private lectures by H. W. T. and others who tried to hear Vanderbilt have sworn off altogether.

Do You Work in the Summer?

Yes = 65 per cent. No = 35 per cent. Other answers are: "It can't be called work after tackling Tech;" "I spend the time recovering from the June exams;" "Work the governor." (This man is way behind the times. Prof. Miller will tell him that an automatic governor is the proper thing to have now.)

Begrudge Time Spent on Foreign Languages?

Yes = 52.3 per cent. No = 47.7 per cent. Most agree that with Dippy and Blackie languages are all right. With others, they are pure drudgery. "Cronie" says that languages improve one's vocabulary of oaths.

Favorite College?

Twenty-nine different colleges received votes. Wellesley and Yale came out even with 28 votes apiece. In order then came Harvard with 20 votes, Smith with 7, and Cornell with 6. One man favors Harvard when we can get at it.

How Many Times Have You Consulted Your Adviser?

Never, 74 per cent. Once or more, 26 per cent. Average number of times, .66. "Once, but he couldn't spare the V." "He came around and insulted me once." Libbey consulted his twice a week for three days.

Take Time to Read the Daily Papers?

Yes = 105. No = 32. Very occasionally = 27. Sundays only = 8. They're not sensational enough for one man, so he carries about one of Arlo's books to read.

CONCERNING

%

Name	Location	Founde	d President	
Albion	Albion, Mich.	1861	Samuel Dickie, M.S., L.L.D.	1
Amberst	Amherst, Mass.	1821	George Harris, D.D., LL.D.	2
Armour Institute	Chicago, Ill.	1893	Victor C. Alderson (acting)	3
Atlanta University	Atlanta, Ga.	1869	Dr. Horace Bumstead, D.D.	4
Barnard	New York, N. Y.	1889	Laura D. Gill, A.B. (Dean) [LL.D.	5
Boston University	Boston, Mass.	1869	William Fairfield Warren, D.D.,	6.
Bowdoin	Brunswick, Me.	1794	William DeWitt Hyde, D.D., LL.D.	7
Brown University	Providence, R. I.	1764	William H. Perry Faunce, A.M., D.D.	8
Bryn Mawr	Bryn Mawr, Pa.	1880	M. Cary Thomas, Ph.D., LL.D.	9
Case School of Applied Science	Cleveland, O.	1880	Cady Staley, Ph.D., L.L.D.	10
Colby University	Waterville, Me.	1818	Rev. Charles L. White, A.M.	11
Colgate University	Hamilton, N. Y.	1819	George Edwards Merrill, D.D., LL.D.	12
College of the City of New York	New York, N. Y.	1847	Alexander Stewart Webb, L.L.D.	13
College of William and Mary .	Williamsburg, Va.	1693	Lyon G. Tyler, M.A., L.L.D.	14
Colorado College	Colorado Springs, Colo.	1874	William Fred. Slocum, D.D., LL.D.	15
Columbia University	New York, N. Y.	1754	N. M. Butler, LL.D. (acting)	16
Cornell University	Ithaca, N. Y.	1865	Jacob Gould Schurman, P.Sc., L.L.D.	17
Dartmouth	Hanover, N. H.	1769	William J. Tucker, D.D., L.L.D.	18
De Pauw University	Greencastle, Ind.	1837	RevHillary A. Gobin, A.M., D.D.	19
Dickinson	Carlisle, Pa.	1783	George Edward Reed, S.T.D., LL.D.	20
Drake University	Des Moines, Iowa	1891	William B. Craig, D.D., LL.D.	21
Fisk University	Nashville, Tenn.	1866	Rev. James C. Merrill, D.D.	22
Girard	Philadelphia, Pa.	1848	A. H. Felterolf, Ph.D., LL.D.	23
Hamilton	Clinton, N. Y.	1812	Melancthon W. Stryker, D.D., LL.D.	24
Harvard University	Cambridge, Mass.	1636	Charles William Eliot, L.L.D.	25
Hobart	Geneva, N. Y.	1822	Rev. Robert Ellis Jones, A.B., S.T.D.	26
Johns Hopkins University .	Baltimore, Md.	1876	Ira Remson, LL.D.	27
Lafayette	Easton, Pa.	1832	Rev. Ethelbert D. Warfield, L.L.D.	28
Lehigh University	South Bethlehem, Pa.	1866	Thomas Merringer Drown, LL.D.	20
Leland Stanford Jr. University	Stanford University, Cal.	1891	David Starr Jordan, L.L.D.	30
Maine University	Orono, Me.	1865	Abraham W. Harris, L.L.D.	31
Marietta	Marietta, Ohio	1835	Alfred Tyler Perry, A.M., D.D.	32
Mass. Institute of Technology .	Boston, Mass.	1865	Henry Smith Pritchett, Ph.D., LL.D.	33
Mount Holyoke	South Hadley, Mass.	1837	Mary E. Wooley, A.M., Litt, D., Lh.D.	34
New York University	New York, N. Y.	1831	Henry M. MacCracken, D.D., LL.D.	35
Northwestern University	Evanston, Ill.	1851	Daniel Bonbright, LL.D. (acting)	36
Oberlin	Oberlin, Ohio	1833	Rev. John Henry Barrows, D.D.	37
Ohio State University	Columbus, Ohio	1872	William O. Thompson, D.D., L.L.D.	38
Ohio Wesleyan University	Delaware, Ohio	1844	James W. Bashford, Ph.D., D.D.	39
Polytechnic Institute of Brooklyn	Brooklyn, N. Y.	1854	Henry Sawyer Snow, A.B., LL.D.	40
Pratt Institute	Brooklyn, N. Y.	1887	Charles M. Pratt	41
Princeton University	Princeton, N. J.	1746	Francis Landey Patton, D.D., LL.D.	42
Pritchett College	Glasgow, Mo.	1868	C. S. Hemmenway, A.B., Ph.D.	43
			A STATE OF THE PARTY OF THE PAR	-

THE COLLEGES

%

	Bldgs.	Stud'ts	Inst'rs	College Colors	Annual	Co-educa- tional	Tuition	Val. Property inc. Endow't
1	6	490	25	Pink and Green		Yes	\$ 24	\$ 455,000
2	20	410	36	Purple and White	Olio	No	110	2,500,000
3	1	1000	38	Yellow and Black	Integral	Yes	75	3,500,000
4	5	300	15	Steel Gray and Crimson	Maria Maria	Yes	16	290,000
5	1	400	50	Blue and White	The Mortarboard	No	150	726,700
6		1350	144	Scarlet and White	The Hub	Yes	125	1,700,000
7	13	360	40	White	The Bugle	No	75	1,470,000
8	13	899	75	Brown and White	Liber Brunensis	Yes	105	3,086,488
0	8	417	44	Yellow and White	The Lantern	No	150	1,000,000
10		350	24			No	100	2,000,000
11	13	180	14	Pearl Gray	Colby Oracle	Ves	60	600,000
12	6	360	12	Maroon	Salmagundi	No	66	2,160,000
700		2126	80	Lavender	The state of the s	No	None	842,500
13	8	184	16	Orange and White	Colonial Echo	No	35	250,000
15	12	515	34	Gold and Black	The Collegian	Yes	35	356,000
16	16	4086	384	Light Blue and White	Columbian	No	200	18,000,000
17	2	2980	366	Carnelian and White	The Cornellian	Yes	150	10,870,200
18	16	768	68	Dark Green	Aegis	No	110	3,200,000
10	9	635	28	Old Gold	The Mirage	Ves	None	250,000
20	12	490	20	Red and White	The Microcosm	Yes	6.2	
21		1764	90	Blue and White		Yes	45	\$00,000
22	8	502	30	Blue and Yellow		Yes	14	400,000
	13	1693	67	Steel and Garnet		No	None	15,987,583
23	12	183	20	Buff and Blue	Hamiltonian	No	75	800,000
24	64	5124	486	Crimson		No	150	19,500,000
26	20	94	15	Orange and Royal Purple	Echo of the Seneca	No	So	426,348
		651	143	Black and Old Gold	The Hullabaloa	No	200	3,669,126
27	13	426	20	Maroon and White	The Melange	No	100	1,166,825
	5	1.5		Brown and White	Epitome	No	125	2,500,000
29	13	542	115	Cardinal Red	Stanford "Quad"	Yes	20	20,000,000
30	33	1378		Light Blue	The Prism	Yes	30	1,960,300
31	19	399	53	Navy Blue and White	Mariettana	Ves	30	550,000
32	7	300	181	Crd. Red and Silver Gray	TECHNIQUE	Yes	250	3,313,059
33	7	1430 612	46	Light Blue	Llamarada	No	100	1,200,000
34	20		186	Violet	The Violet	Yes	180	3,500,000
35	1.4	1824		Royal Purple	The Syllabus	Yes	78	5,500,000
36	12	2629	244	DOMESTIC OF CONTRACT OF THE PARTY OF THE PAR	Hi-O-Hi	Yes	0.00	1,897,000
37	17	1357	84	Crimson and Gold	Makio	Yes	75	The state of the s
38	15	1465	130	Scarlet and Gray	Mario	Yes	45	2,500,000
39	. 9	1538	115	Black and Red	T1. D.)		46	1,477,523
40	2	700	50	Blue and Gray	The Polywog	No Yes	200	600,000
41	- 6	3121	128	Cadmium Yellow	n n		150	3,665,820
42	33	1340	102	Orange and Black	Bric-a-Brac	No Yes	160	
43		90	9			1 es	46	140,000

CONCERNING

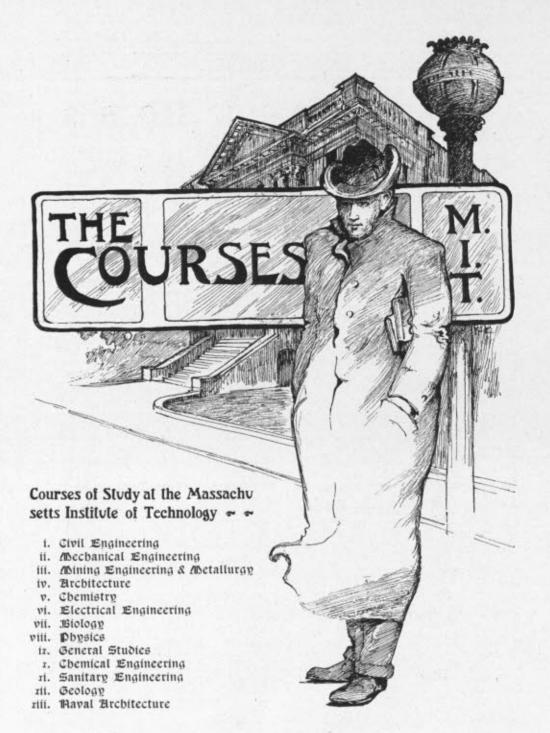


Name	Location	Founded	d President	
Purdue University	Lafayette, Ind.	1874	Winthrop E. Stone, A.M., Ph.D.	- 1
Radcliffe	Cambridge, Mass.	1879	Mrs. Elizabeth Cary Agassiz	2
Rensselaer Polytechnic Institute	Troy, N. Y.	1824	Palmer C. Ricketts, C.E.	3
Rose Polytechnic Institute .	Terra Haute, Ind.	1874	C. Leo Mees, Ph.D.	4
Rutgers	New Brunswick, N. J.	1766	Austin Scott, Ph.D., LL.D.	5
Smith	Northampton, Mass.	1875	L. Clark Seelye, D.D., L.L.D.	6
State University of Iowa	Iowa City, Iowa	1847	George E. MacLean, LL-D.	7
Stevens Institute of Technology	Hoboken, N. J.	1870	Henry Morton, Ph.D., LL.D.	8
Swarthmore	Swarthmore, Pa.	1869	William W. Birdsall, A.M.	9
Syracuse University	Syracuse, N. Y.	1871	Rev. James R. Day, S.T.D., LL.D.	10
Throop Polytechnic Institute .	Pasadena, Cal.	1891	Walter A. Edwards, A.M.	11
Trinity	Hartford, Conn.	1824	George W. Smith, S.T.D., LL.D.	12
Tufts	Tufts College, Mass.	1855	Elmer H. Capen, A.M., D.D., L.L.D.	13
Tulane University	New Orleans, La.	1834	Edwin Anderson Alderman, L.L.D.	14
Union	Schenectady, N. V.	1795	Andrew V. V. Raymond, D.D., LLD,	15
United States Military Academy	West Point, N. Y.	1802	A. L. Mills, Colonel, U. S. A., Supt.	16
United States Naval Academy .	Annapolis, Md.	1845	Richard Wainwright, Com., U. S. N.	17
University of California	Berkeley, Cal.	1868	Benjamin Ide Wheeler, Ph.D., L.L.D.	18
University of Chicago	Chicago, Ill.	1891	W. R. Harper, D.D., Ph.D., L.L.D.	10
University of Colorado	Boulder, Colo.	1877	James H. Baker, M.A., L.L.D.	20
University of Denver	Denver, Colo.	1864	Henry A. Buchtel, D.D., Ph.D., L.L.D.	21
University of Georgia	Athens, Ga.	1801	Walter B. Hill, L.L.D.	22
University of Michigan	Ann Arbor, Mich.	1837	James B. Angell, L.L.D.	23
University of Illinois	Urbana, Ill.	1868	Andrew Sloan Draper, LL.D.	24
University of Minnesota	Minneapolis, Minn.	1868	Cyrus Northrop, L.L.D.	25
University of Nebraska	Lincoln, Neb.	1869	E. Benjamin Andrews, L.L.D.	26
University of Pennsylvania .	Philadelphia, l'a.	1740	Charles C. Harrison, L.L.D.	27
University of Rochester	Rochester, N. Y.	1850	Rush Rees, D.D., L.L.D.	28
University of the South	Sewanee, Tenn.	1868	Benjamin L. Wiggins, M.A., I.L.D.	29
University of Texas	Austin, Texas	1883	William L. Prather, L.L.D.	30
University of Virginia	Charlottsville, Va.	1825	P. B. Barringer, M.D., I.L.D.	31
University of Wisconsin	Madison, Wis.	1848	Charles Kendall Adams, LL.D.	32
Vassar	Poughkeepsie, N. Y.	1861	George Munroe Taylor, D.D., L.L. D.	33
Virginia Polytechnic Institute .	Blacksburg, Va.	1871	J. M. McBryde, Ph.D., L.L.D.	34
Washington University	St. Louis, Mo.	1853	W. S. Chaplin, LL.D.	35
Washington and Lee University	Lexington, Va.	1749	Geo. H. Denney, M.A., Ph.D.	36
Wellesley	Wellesley, Mass.	1870	Caroline Hazard, M.A., Litt.D.	37
Wesleyan University	Middletown, Conn.	1831	Rev. B. P. Raymond, D.D.,L.L.D.	38
Western Maryland	Westminster, Md.	1867	Rev. Thomas H. Lewis, D.D., A.M.	39
Williams	Williamstown, Mass.	1793	John Haskell Hewitt, LL.D.	40
Worcester Polytechnic Institute	Worcester, Mass.	1865	Thomas C. Mendenhall, Ph.D., L.L.D.	41
Wooster University	Wooster, Ohio	1869	Rev. Louis Edward Holden, D.D.	42
Yale University	New Haven, Conn.	1701	Arthur T. Hadley, L.L.D.	43
				1

THE COLLEGES

%

	Bldgs.	Stud'ts	Inst'rs	College Colors	Annual	Co-educa- tional	Tuition	Val. Property inc. Endow't
1	22	1056	79	Old Gold and Black	Debris	Yes	8 25	\$1,000,000
2	6	435	112			No	200	600,000
3		240	21	Cherry and White		No	200	CONTRACTOR.
4	4	65	121	Old Rose and White	The Modulus	No	100	850,000
5	9	222	20	Scarlet	Scarlet Letter	No	75	11.404-110
6	23	1043	83	White		No	100	2,170,480
7		1542	130	Old Gold		Yes	75	888,120
8		270	22	Silver Gray and Crimson		No	225	985,000
9	6	206	28	Garnet	Haleyon	Yes	150	900,000
10	8	1800	152	Orange	CONTRACTOR OF THE PARTY OF THE	Yes	135	2,815,814
11		216	24			Yes	75	175,000
12	6	141	25	Dark Blue and Old Gold	/vy	No	100	860,000
13	16	900	125	Brown and Blue	The Brown and Bh	ve Yes	100	1,800,000
14	13	1145	80	Olive and Blue	Fambalaya	Yes	85	2,061,000
15	17	192	20	Garnet	The Garnet	No	75	1,147,799
16	-/-	464	71	Black, Gray, and Gold		No	None	
17		333	69	Blue and Old Gold	The Lucky Bag	No	None	
18	13	2932	230	Blue and Gold	Blue and Gold	Yes	None	5,551,852
10	20	3520	206	Maroon	The Cap and Gran		120	12,364,000
20	12	900	92	Silver and Gold	Coloradoan	Yes	20	400,000
21	5	878	114	Red and Gold	Kynewisbok	Yes	33	800,000
22	2	1994	131	Red and Black		No	50	951,995
23	10	3800	233	Maize and Blue	Michiganensian	Yes	45	2,900,000
24	16	3000	334	Orange and Blue	The Illio	Yes	105	2,750,000
25	30	3550	250	Maroon and Old Gold	The Gopher	Yes	100	2,327,866
26	10	2256	220	Scarlet and Cream	The Sombrero	Yes	None	1,000,000
27	-	2475	268	Red and Blue	2.10	No	200	8,583,093
28		216	19	Dandelion Yellow		Yes	60	1,346,244
29	12	518	62	Royal Purple	Cap and Gown	No	100	562,952
30	6	1121	97	Orange and White	Cactus	Yes	None	1,000,000
31	47	600	55	Orange and Blue	Corks and Curls	No	100	1,800,000
32	22	2619	171	Cardinal	The Badger	Yes	None	1,500,000
	9	798	72	Rose and Gray	Vassarian	No	115	2,709,000
33	,	442		Tronc and Gray		No	30	179,001
34		2086	35	Myrtle and Maroon		Yes	150	4,600,678
35	17	222	22	Blue and White	The Calyx	No	50	900,000
100000		821	So	Deep Blue	Legenda	No	175	1,500,000
37	23		36	Cardinal and Black	Olla Podrida	Yes	75	2,689,850
	16	350 250	22	Old Gold and Olive Green	Aloha	Yes	45	150,000
39	22			Royal Purple	,,,,,,,,,	No	105	1,633,002
		393	34	Crimson and Steel Gray		No	150	1,400,000
41	7	275 800	26	Black and Old Gold	The Index	Yes	60	700,000
300	5	2680	280	Blue	Yale Banner	No	150	500,000
43	40	2000	200	Arms.	A series and a ser	44.50	.30	300,000





Name and Society	Ye	ar Cou	rse	Home Address
Abbott, Arthur Howard	. 1	V	I	1 Centre St., Clinton, Mass.
Abbott, Fred Hathaway .	. 1	V	I	Everett Ave., Winchester, Mass.
Abbot, Joseph Robertson .			I S	Berkeley Hotel, Boston, Mass.
Ackerman, Alexander Seymon	ur 4		S	24 Eagle St., Newburyport, Mass.
Adams, Charles Robert .	- 1		I	256 Lamartine St., Jam. Plain, Mass.
Adams, Charles Waldo, Jr., A	KE	XII	I	Chicago, Ill.
Adams, Irving Ellwood		3 1	S	Lynn, Mass.
Adams, Isaac Rayne		11	7	1776 Mass. Ave., N. Cambr'ge, Mass.
Adams, Louis Winfield, Φ B E		3 I	I	619 Mass. Ave., N. E., Wash'ton, D.C.
Adams, Ralph Emerson .		11	1	91 Arlington St., S. Fram'gh'm, Mass.
Adams, Walter Holbrook .	. 3	1	I	22 Dix St., Winchester, Mass.
Aguilar, José Hilario, VAK .		1	S	Hermosillo, Sonora, Mexico
Aldrich, Chester Stanley .	. 3	I		106 Cushing Ave., Dorchester, Mass.
Aldrich, William Truman, S.B	., Gr.	Stu.	S	110 Benevolent St., Providence, R. I.
Allbright, Edwin F	2		1	24 Virginia St., Dorchester, Mass.
Allen, Arthur Benjamin, Φ Γ Δ	3	1	1	34 Ashford St., Allston, Mass.
Allen, Carlton Brigham .	4	XIII		15 St. Germain St., Boston, Mass.
Allen, Chester	1	1		203 Temple St., W. Roxbury, Mass.
Allen, Clarence Mason .	. 4			Barre, Mass.
Allen, Elbridge Gerry, Φ B E	1	IV		Portland, Me.
Allen, Roy Hutchins	1	III		7 Stevens St., Winchester, Mass.
Allyn, Alfred Warren, Φ Γ Δ	4	IV		16 Allyn Place, Lawrence, Mass.
Alsberg, Julius, A.B. M.E	4	111	S	80 Huntington Ave., Boston, Mass.
Amberg, Arthur John	1	111		1820 Melrose St., Chicago, Ill.
Ames, Henry Allison	4	11	S	119 Hall St., Lowell, Mass.
Ancona, John Flinn	3	11	S	Hamburg, Berks Co., Penn. [Mass.
Anderson, Augustus, E.T	2	XIII		331 Metropolitan Ave., Roslindale,
Anderson, Frederick Sanford	2	XIII	S	71 Washington Ave., W. Haven, Ct.
Andrews, Frederick Huntoon	1	VI		Manchester, Mass.
Andrews, William Alvin .	2	X		12 Sargent St., Roxbury, Mass.
Annett, Cecil Bancroft .	4	11		East Jaffrey, N. H.

Name and Society	Year	Course		Home Address
Anson, Charles Lyman, A K E	1	XIII		535 Marshall St., Milwaukee, Wis.
Anthony, William Stephen .	2		S	South Dartmouth, Mass.
Appleton, Allen Lansing, X Ф	4	XIII		313 Maple St., Springfield, Mass.
Armstrong, Albert Crosby .	1	111		Hammond St., Newton Centre, Mass
Armstrong, Samuel Ellsworth	2	1	S	91 Summer St., Somerville, Mass.
Arnold, Perrie Morgan .	2	11	S	140 Vine St., Hartford, Conn.
Asbury, Louis Humbert, A.B.	2	1V	S	Charlotte, N. C.
Astell, Godfrey Blacker .	1	111		4 Pleasant St., Halifax, N. S. [Mass
Atkins, George Edwin	2	XIII		1047 Walnut St., Newton Highlands
Atwood, Carlton Elliot .	1	VI		Chelmsford, Mass.
Atwood, Harry Nelson, Φ B E	1	11		47 Elmore St., Roxbury, Mass.
Atwood, Ichabod Francis .	3	11		Rock, Mass.
Avery, Charles Henry	3	11	S	346 Crofts St., Newtonville, Mass.
Avery, Francis Deane	4	1		302 Columbus Ave., Boston, Mass.
Ayer, John	1	1		Belmont, Mass.
Ayers, Samuel Henry	1	V		14 Lincoln Ave., Portsmouth, N. H
Aylsworth, Joseph Wheeler, Δ Υ	3	11		5 Everett St., Newport, R. I.
Babcock, Frank Gilbert .	3	111	S	Tolland, Conn.
Babson, Roger Derby	3	111		3 Derby St., Gloucester, Mass.
Backup, Clifford Wilson .	1	111		53 W. Cottage St., Roxbury, Mass.
Bacon, Herbert Morton .	2	X	S	13 Morris St., Hartford, Conn.
Baetjer, Howard, A.B	4	1		2324 Callow Ave., Baltimore, Md.
Bailey, Edna Greenwood .	2	V		817-820 Stock Ex. Bld., Chicago, Il
Baker, Andrew Percy	3	- 1	S	Kingston, Mass.
Baker, Arthur T	1	XIII		55 Green St., Jamaica Plain, Mass.
Baker, Edward Sherman, Φ Γ Δ	4	I	S	26 School St., Dedham, Mass.
Baker, Edward Stuart	2	VI		Staunton, Va.
Baker, Horace Singer, B.S.	3	I		1325 Judson Ave., Evanston, Ill.
Baker, Joseph Cheney	2	11		332 Delaware Ave., Syracuse, N. Y
Baker, Ralph Hubert	2	XIII		11 Sunnyside Ave., Winthrop, Mas
Baker, Sheldon King	3	. XI		1728 Columbia Rd., Wash'gton, D. C
Balkam, Arthur Thomas .	1	XIII		55 Green St., Jamaica Plain, Mass.
Ball, Sidney Young, A K E .	3	1		99 Olive St., Cleveland, O.
Ball, William Gilbert	1	111		Hotel Bartol, Boston, Mass.
Ballard, Joseph William .	4	11		132 Chandler St., Boston, Mass.
Ballou, Roland Hunnewell, E A l		VI		16 Harris Ave., Woonsocket, R. I.
Banash, Ira James	1	VIII		57 Savin St., Roxbury, Mass.
Barber, Clarance Eugene	1	- 11		259 Launel Hill Ave., Norwich, Con-
Barber, Waldo Austin	1	V		21 Gardner St., Allston, Mass.
Barlow, James Evans	1	1		274 Methnen St., Lawrence, Mass.

Name and Society	Year	Course	e	Home Address
Barnd, Jules Verne	1	111		59 Ashland St., Melrose Hglds., Mass.
Barnes, James Phillips .	-1	111		306 Highland St., Syracuse, N. Y.
Barrett, Charles Frederic .	2	11		Waverly St., Belmont, Mass.
Barrier, Edward Andrew .	- 1	V		89 Hancock St., Cambridge, Mass.
Barrows, Allan Hanscom .	3	X	5	Reading, Mass.
Barrows, George Herbert .	1	IV		99 Somerset Ave., Taunton, Mass.
Barry, John Gerald	- 1			5 Buffum St., Salem, Mass.
Bartberger, Edward William, B	S. 4	IV	S	408 Pacific Ave., Pittsburg, Pa.
Barter, Henry Alexander .	3	V	S	92 Park St., Portland, Me.
Bartlett, Arthur Warren .	2	X		41 Monroe St., Newburyport, Mass.
Bartlett, Edward Hale .	-1	X		11 Parker St., Newburyport, Mass.
Bartlett, George Merrill	1	V		105 Hancock St., Auburndale, Mass.
Bartlett, Homer Eugene .	4	IV		105 Hancock St., Auburndale, Mass.
Bartlett, Stephen Russell, A.B.	4	11	S	North Guilford, New Haven, Conn.
Bary, Dmitri Benjamin .	2	111	S	963 Main St., Melrose Highl'ds, Mass.
Bascom, Calvin Perry	2	XIII		37 Spring St., Rochester, N. Y.
Bassett, John Henry	1	VI		Ware, Mass.
Bassett, William Manning .	4	1		65 St. Botolph St., Boston, Mass.
Bateman, George William .	3	11		168 Congress St., Boston, Mass.
Bates, Charles Lynn	100	1		7734 Union Ave., Chicago, Ill.
Bates, George Martin	100	111		Windham, Conn. Mass.
Bates, John Ross, ⊕ Z	4	1		196 Fairmount Ave., Hyde Park,
Baum, Kenneth Michael .	2	V		Clairmont, N. H.
Bay, William Johnston	3	XIII		140 Sixth St., Ironton, O.
Baxter, Samuel Elmer	2		S	40 Barka St., Keene, N. H.
Beard, Robert Stanley	1	1		12 North George St., York, Pa.
Becker, William Frederick .	1	VI		Freeport, Ill.
Beckley, Edith Arthur	4	VII		590 Seventh St., So. Boston, Mass.
Bedford, Thomas Payne, B.S.	2	VI	S	Fayette, Mo.
Bee, Albert Wilson	2	I		13 Payson Ave., Dorchester, Mass.
Beerman, Bernard	1	111		18 Shurtleff St., Chelsea, Mass.
Beers, William Herbert .	1	VIII		Watertown, Conn.
Belcher, Donald Minor, S A E	4	XI		14 Prospect St., Winchester, Mass.
Belding, Arthur Field	1	11		29 Pleasant St., Fitchburg, Mass.
Bell, Herman Fiske, A.B.	3	1	S	353 Hope St., Bristol, R. I.
Bell, Raymond Edwin	1	XIII		Portland, Conn.
Bellows, Robert Peabody, A.B.			S	29 Hereford St., Boston, Mass.
Bendann, Roland	1	V		2406 Eutaw Place, Baltimore, Md.
Bender, Erwin Ferdinand, ⊕ Ξ	- 1	XIII		140 Nassu St., New York, N. Y.
Bennett, Arthur Francis .	3	111		Weyland, Mass.
Bennett, Frederick Gardner .	1	1	S	Southampton, Long Island, N. Y.
The second secon				The state of the s

Name and Society	Year	Course		Home Address
Benson, Stuart Wells	2	X		1526 So. State St., Syracuse, N. Y.
Bent, Walter Gregory	1	X		Framingham, Mass.
Berry, Henry Ellis	1			272 Kent St., Brookline, Mass.
Best, Edna May Williston .	4	V		14 Danube St., Roxbury, Mass.
Beverstock, Charles Whitney	3	I		33 Elm St., Keene, N. H.
Bickford, Fitz Clarence .	1	IV		104 Hutchings St., Roxbury, Mass.
Biggi, Frederic Anthony	2	1		166 Salem St., Boston, Mass.
Bilyea, Carl Thompson, X Φ.	4	IV	S	Watertown, N. Y.
Birks, Arthur Henry, S.B.	4	1	S	141 High St., Peoria, Ill. [Mass
Bixby, Llewellyn, B.L	1	1	S	344 Lake Ave., Newton Highland
Bixby, Robert	1	H		North Andover Depot, Mass.
Blair, Paul Alexander	1	XIII		Waterbury, Conn.
Blatt, Herman Otto, Σ A E .	3	11		Lead City, S. Dak.
Blodgett, Eben Sengwick .	1	VI		15 Bull St., Charleston, S. C.
Blodgett, George Raymond .	4	VI	S	370 Austin St., West Newton, Mas
Blood, Alice Frances	3	V		11 Vincent St., Cambridge, Mass.
Blum, Bernard	2	I		3245 Groveland Ave., Chicago, Ill.
Boardman, Charles H., Jr.	4	IV		53 Breed Street, Lynn, Mass.
Boggs, Charles Reid, Σ A E .	1	XIII		1527 Eye St., N.W., Washington, D.C.
Boggs, William Brenton, Σ A E	2	III		1527 Eye St., N.W., Washington, D.C
Bolster, May Morrill, B.L.	3	V	S	10 Cobden St., Roxbury, Mass.
Bolster, Roy Hale, S.B.	4	I	S	10 Cobden St., Roxbury, Mass.
Bonnemort, Charles Judson .	4	1		Dedham, Mass.
Booth, Arthur Robert Gregory	4	V		353 Walker St., Lowell, Mass.
Borden, Norman Easton .	4	11		19 Chestnut St., Salem, Mass.
Borie, Renshaw, ΔΨ	1	H		N. E. cor. 3d & Chestnut Sts., Phil-
Bosworth, Harold Otis, Σ A E	4	X		1331 Gilpin St., Denver, Colo.
Bouscaren, Louis Gustav, Jr., A.B	100			1800 Josephine St., Cincinnati, O.
Bowers, Daniel Hix Cudworth	2	I	S	36 Pine St., Taunton, Mass.
Bowmann, Melville Bryant, ΔΨ	I	VI		480 N. First St., San Jose, Cal.
Boyden, Charles, A.B	1	H	S	267 Commonwealth Ave., Boston,
Boynton, Augustus Swain .	1	11		Groveland, Mass. Mass.
Bradley, Francis, Φ B E	4	11		35 Longwood Ave., Brookline, Mas
Bradley, Franklin Sawyer, AT	3	11	S	Dover, N. H.
Bradley, George Edward .	2	11	S	South Framingham, Mass.
Bradley, Stephen Lawrence .	2	11		115 Webster St., W. Newton, Mas
Bradshaw, George B., A.B.	3	X		DeKalb, Ill.
Brainerd, Erastus LeRoy	4	1		455 Hansberry St., Germantown, P
Braley, Jessie Nelson, A.B.	3	V	S	619 County St., New Bedford, Mas
Breed, Howard, X Φ	3	IX	S	408 Pike St., Cincinnati, O.

Name and Society	Year	Course	е	Home Address
Brewer, Charles Duncan .	4	111	S	427 West Third St., Duluth, Minn.
Bridges, David Wills	1	VI		15 So. Charles St., Baltimore, Md.
Bridges, John Samuel, Jr	3	VIII	S	15 So. Charles St., Baltimore, Md.
Briggs, Ernest Nathaniel .	1	XIII		31 Rhode Island Ave., Newport, R. I.
Briggs, George Wright	2	IV		86 Winthrop St., Taunton, Mass.
Brigham, Charles Howard .	2	1	S	74 Main St., Marlborough, Mass.
Bright, George, X Φ	4	III	S	302 Mahantongo St., Pottsville, Pa.
Broad, Charles Edward .	2	11		53 Com. Ave., Newton Centre, Mass.
Brodie, Matt	4	11		260 Farrington Ave., St. Paul, Minn.
Brooks, Ernest Morton	1			56 Kilby St., Woburn, Mass.
Brown, Frank Zenas	4	VI	S	408 East Clay St., Richmond, Va.
Brown, Howard Melville, A.B.	2	V	S	Comstock's Bridge, Conn.
Brown, James Hugh	4	VI	S	6 Stamford St., Boston, Mass.
Brown, James Salisbury, Φ B E	1	11		172 Pine St., Pawtucket, R. I.
Brown, John Leyson	2	11		4 Harding Ave., Waltham, Mass.
Brown, Joseph Henry, Jr	1	11		72 Winthrop St., Charlestown, Mass.
Brown, Martha Brookes .	3	IV	S	Fern Hill, Burlington, Vt.
Brown, Moses, Jr	3	III		9 Orange St., Newburyport, Mass.
Brown, Robert Vaughan, Σ A E	4	X		94 Bird St., Roxbury, Mass.
Brown, Sumner Edwin	2	1	S	25 Orleans St., Springfield, Mass.
Brown, Walter Stanley	2	III		89 Mount Vernon St., Boston, Mass.
Brownell, Frank Wilbur, B.A.	1	VI		133 Shurtleff St., Chelsea, Mass.
Bruce, Barbour	3	IX	S	1500 Third St., Louisville, Ky.
Bruton, Alfred William, A.B.	3	VI	S	309 No. Charles St., Baltimore, Md.
Bryan, Clark Albert	3	I		30 Maple St., Springfield, Mass.
Bryant, Bradley Franklin White	1	11		Brant Rock, Mass.
Brick, Robert Wallace	2	VI	S	Southborough, Mass.
Buckingham, George Holbrooke	1	IV		Rutland, Vt.
Buckley, James Patrick, Jr	2	111		16 Devereaux St., Salem, Mass.
Buff, Henry Arthur	1	III		23 Cheshire St., Jamaica Plain, Mass.
Buhler, Henry Waldeck .	3	III		11 Irvington St., Boston, Mass.
Bull, Freeman Nelson	2	1	S	102 Walnut Ave., Revere, Mass.
Bull, Harcourt Wesson, $\Delta \Psi$.	2		S	50 Maple St., Springfield, Mass.
Bunting, Charles Knowlton H.	.1	III		Shelburne Falls, Mass.
Burden, Frederick Evans .	1	VI		9 Church St., No. Attleboro, Mass.
Burdick, Herbert Clemens .	4		S	2 Ellsworth Park, Cambridge, Mass.
Burke, Fletcher H., A.B.	3	111		35 Cleveland Ave., Buffalo, N. Y.
Burkhardt, Edward Arthur	1	XIII		1 Mozart St., Jamaica Plain, Mass.
Burnham, Alfred Worcester .	3	X		249 Bacon St., Waltham, Mass.
Burnham, Leonard Preston .	2	X		4 Prospect St., Gloucester, Mass.
Burnham, William Winslow, Σ A I	E 3	XI		297 Main St., Biddeford, Me.

Name and Society	Year	Cours	e	Home Address
Burns, Newell B	1			Park and Berry Sts., Danvers, Mass.
Burns, Walter	1	V		25 Beacon St., North Adams, Mass.
Burr, Charles Henry	4	111		25 Sewall St., West Newton, Mass.
Burton, Eugene	1	III	S	1620 Floyd St., Louisville, Ky.
Butman, Chester Arthur .	1	VI		Rockport, Mass.
Butts, Walter Matthews .	1	VI		South Dartmouth, Mass.
Cain, Walter Bicknell	1	XIII		East Weymouth, Mass.
Caine, Sidney Atmore, 2 X	1	XIII		519 Equitable Build'g, Louisville, Ky.
Calkins, Ernest Wilber, Jr.	2	11		North Abington, Mass.
Calley, Walter England .	3	VI	S	112 Upland Road, Cambridge, Mass.
Calnan, John William Joseph	3	V	S	16 East Canton St., Boston, Mass.
Canby, Harry Beaver, A.B., 2 X	4	11		51 Belmont Ave., Dayton, O. [Mass.
Capelle, George Curtis	3	XIII	S	138 Thorndike St., East Cambridge,
Capen, Bernard Winslow .	4	VI		Stoughton, Mass.
Card, John Ford, AKE .	2	III		4850 Washington Ave., Chicago, Ill.
Carhart, Clem Clare	2	111		175 S. Sixth E. St., Salt Lake City, U.
Carhart, Frank Milton	1	1		175 S. Sixth E. St., Salt Lake City, U.
Carleton, Lee Thurston .	1			Highland Ave., Wakefield, Mass.
Carmichael, George Patrick, A.B.	. 3	IV	S	282 Mass. Ave., Boston, Mass.
Cartagena, Juan José	1	VI	S	Mayguez, Porto Rico
Carty, Francis James	2	11		6 Kensington St., Boston, Mass.
Carty, Walter Maurice	2	11		6 Kensington St., Roxbury, Mass.
Casey, George Austin	1	VI		Lee, Mass.
Castleman, Philip	1	V		44 Barton St., Boston, Mass. [Mass.
Cates, Louis Shattuck, X 4 .	4	III		69 Hammond St., Newton Centre,
Cerf, Harry Herman	2	11		361 S. Fairmount St., Pittsburg, Pa.
Chace, Carll Smith	2	1		31 Wales St., Dorchester, Mass.
Chace, Franklin Murphy .	2	IV		31 Wales St., Dorchester, Mass.
Chamberlin, Noel	3	IV	S	42 Wait St., Roxbury, Mass.
Champagne, George Henry .	1	1	S	Maynard, Mass.
Chandler, Willard Dalrymple	2	11		45 Jaques St., Somerville, Mass.
Chapin, Harry Gardner .	2	1	S	201/2 Congress St., Greenfield, Mass.
Chapin, Henry Kent, X 4	2	VI	S	528 North State St., Chicago, Ill.
Chapman, Harlen Monroe .	4	V	S	Turners Falls, Mass.
Charles, Evarts Wilson	2	11		23 Oak St., Springfield, Mass.
Charlesworth, Harry Prescott	1	VI		Hotel Thorndike, Haverhill, Mass.
Chase, Charles Edward .	3	1		69 Pleasant St., Dorchester, Mass.
Cheney, John Tyrrell, Φ B E .	3	11	S	Kenilworth, Ill.
Chesterman, Francis John .	1	X		10 Gardner St., Newburyport, Mass.
Church, Albert Thomas .	4	III	S	Oakland, Cal.
Clapp, Arthur Channing .			S	179 Boston St., South Boston, Mass.

Name and Society	Year	Cours		Home Address
Clapp, Charles Horace	1	111		18 Atlantic St., South Boston, Mass.
Clapp, George Huntington .	3	I	S	3 Gardner Place, Leominster, Mass.
Clare, Charles Henry	1	VI	S	15 Edison St., Quincy, Mass.
Clark, Burton Stedman .		IV		Hotel Newton, Worcester, Mass.
Clark, George Howard .	3	VI		383 Broadway, Everett, Mass.
Clark, Myron Henry	3	V		Bedford, Mass.
Clark, William Armstrong .	1	IX		162 Glenmary Ave., Cincinnati, O.
Clark, William Merritt, Ph.B.	3	VIII	S	83 Cannon St., E. C., London, Eng.
Clarke, Lewis Cutler, Jr	2	IV		264 Green St., Cambridgeport, Mass.
Clarke, Walter Ayer	1	XIII		15 Everett St., Biddeford, Me.
Cline, Max	1	V		139 Leverett St., Boston, Mass.
Clough, Leslie	2	11		23 Avon St., Wakefield, Mass.
Coats, Albert Blake	1			80 Myrtle St., Somerville, Mass.
Cobb, Andrew Randall, A.B.	3	IV		Port William Station, Nova Scotia
Cobb, Freeman Adams .	2	11		63 North Main St., Natick, Mass.
Cobb, Norwell Hendrix, ⊕ ₹	1		S	1103 6th St., N.W., Washington, D.C.
Coburn, Lawrence Gardiner	4	VI		158 Washington St., Malden, Mass.
Cockrill, Emmet	2	11		911 Scott St., Little Rock, Ark.
Codd, Eliza	2	IV		Nantucket, Mass.
Coffin, Edward May	- 10	X		102 High St., Newburyport, Mass.
Coffin, Marian Cruger	2	IV	S	154 Newbury St., Boston, Mass.
Cole, Charles Stanchfield, 2 X	3	XIII	S	34 Davenport St., Detroit, Mich.
Cole, Edward Guy	2	11	S	Newnan, Ga.
Cole, Sidney Lovett	1	H		13 Lincoln St., Somerville, Mass.
Collier, Arthur Luke, Φ Γ Δ .	4	11		91 Congress Ave., Chelsea, Mass.
Collins, David	1	11		398 High St., Dedham, Mass.
Collins, Richard Vincent .	2	I		Medway, Mass.
Comer, Ernest Albert	3	XI	S	14 Mt. Vernon St., Salem, Mass.
Comins, Waldo Hunter .	4	III		40 Water St., Boston, Mass.
Comstock, Daniel Frost .	2	VIII		102 Huntington Ave., Boston, Mass.
Cook, Robert Avery	3	I		93 Prospect St., Woonsocket, R. I.
Cook, Walter Lorrain, X 4 .	4	111		Burlington, Iowa
Cooper, Claudius Howard, A T	3	111		Houghton, Mich.
Cooper, Edgar Bailey, & B E	2	11	S	4 Akron St., Roxbury, Mass.
Copeland, Durward	3	111		138 Washington Ave., Chelsea, Mass.
Coupe, Alfred Lawrence .	2	111		9 Highland Place, Plymouth, Mass.
Courtney, Allan Seymour .	2	11		46 Vista Ave., Auburndale, Mass.
Cowdrey, Irving Henry .	1	11		33 Goodrich St., Fitchburg, Mass.
Cowper, Howard Montgomery	1	111	S	453 Richmond Ave., Buffalo, N. Y.
Cox, Charles Barrows	3	1		106 Washington St., Newton, Mass.
Cox, Frank Gardner, Σ A E .	3	11		248 Maple St., Holyoke, Mass.

Name and Society	Year	Cours	ie.	Home Address
Craig, Charles Robert	1	XI	S	Concord, Mass.
Crane, Harold Gilliland	2	VI		40 Front St., Adrian, Mich.
Crary, Fulton, & BE	2	1		26 Davis Place, Poughkeepsie, N. Y.
Craven, Walter Sidney .	3	111		Kalispell, Mont.
Cronenbold, Ernest John .	3	XIII		163 West Newton St., Boston, Mass.
Cronin, Walter Louis	2	11		56 P. St., South Boston, Mass.
Cronin, William Walter .	2	I		723 W. Genesee St., Syracuse, N. Y.
Cronkhite, Leonard Wolsey	1	IV		Bassein, Burma
Crosby, Fred Bickford .	3	VI		Woodsville, N. H.
Crosby, Gorham	-1	VIII		Centreville, Mass.
Crosby, Hewitt	3	XIII		14 Irving Place, Brooklyn, N. Y.
Cross, Harold Newton .	3	XI		Exeter, N. H.
Cross, William P., Ph.B.	3	XIII		40 Boardman St., Rochester, N. Y.
Crowell, Harry Clifford .	3	1		12 Mt. Vernon St., Salem, Mass.
Crowell, Joseph Warren .	2	- 11		Newton, Mass.
Crowell, Prince Sears	- 1	X	S	Woods Hole, Mass.
Crowell, Will Ransom .	2	VIII		Santa Panla, Cal.
Crowell, William De Forest .	4	IV	S	84 Highland St., Roxbury, Mass.
Crull, Clifton Gustavus .	2	IV		Davenport, Iowa
Cuesta, Enrique Gallardo, V A	K 1	V	S	Parroginia, No. 13, Guadalayara, Mex.
Culver, Llora Robinson .	4	V		6 Westland Ave., Boston, Mass.
Cumming, Silas Pierce .	1	11	S	183 Cross St., Centre Falls, R. I.
Cummins, Harle Oren, Y X .	4	111		The Westminster, Boston
Cunningham, John Earl .	2	1		27 South St., Baltimore, Md.
Curl, Charles Matthew .	1	XIII	S	18 Wall St., Concord, N. H.
Currey, Harold Young	4	11		1308 Judson Ave., Evanston, Ill.
Currier, James Swasey .	2	XIII		18 Chapel St., Newburyport, Mass.
Currier, Warren Franklin .	3	V	S	East Kingston, N. H.
Curtis, Carroll Cary	1	IX	S	371 Harvard St., Cambridge, Mass.
Curtis, George Alden	2	1		North Hanover, Mass.
Curtiss, John Lee, & B E		VI	S	Fishkill-on-Hudson, N. Y.
Cushman, James Allerton .	3	I		14 Clifton St., Taunton, Mass.
Cutter, Edward Henry, Y A E	4	H		6516 Harvard Ave., Chicago, Ill.
Cutting, Robert Curtis .	2	11		Weston, Mass.
Dahlgren, Winthrop, Σ X .	2	VI	S	510 West State St., Trenton, N. J.
Daly, John Charles, Jr., 2 X	1.	111		47 Townsend St., Roxbury, Mass.
Daloz, Lanent Esaie		111	S	38 Pleasant St., Dorchester, Mass.
Danforth, Carl Eugene .	L	III		49 Hammond St., Bangor, Me.
Daniels, Joseph	1.	IIIX		1342 Washington St., Boston, Mass.
Daniels, Robert Wheaton .	3	11	S	16 Harrison St., Brookline, Mass.
Davis, Anne Hubbard	2	VII	S	149 Newbury St., Boston, Mass.

Davis, David Lincoln
Davis, Edward Lester
Davis, Francis Woodward, X Φ 3 1 286 Highland Ave., W. Newton, Mass. Davis, Frank Howard 2 1 124 Huntington Ave., Boston, Mass. 32 Bradlee St., Dorchester, Mass. Chelmsford, Mass. Davis, Henry Rand 2 1 V S 261 Lafayette St., Salem, Mass. Davis, Henry Rand 3 1 Saxonville, Mass. Davis, Junius, Jr. 4 VI S Wilmington, N. C. 185 Temple St., West Newton, Mass. Davis, William Robert 3 1 323 Jefferson Ave., Scranton, Pa. Dawson, Alfred Ernest 1 II Saxonville, Mass. Dean, Arthur Malcom 1 II Saxonville, Mass. Dean, Charles Lake 1 II Saxonville, Mass. Dean, Henry Lawrence 1 XIII Canton, Mass. Deano, Ward Parker, Jr. 1 IV 452 Main St., Worcester, Mass. Delano, Ward Parker, Jr. 1 IV 452 Main St., Worcester, Mass. Derby, Richard Baker, Φ B E Desloge, Firmin Vincent, A.B. 4 III S 110 N. Fourth St., St. Louis, Mo. Dewis, Clifford Sayre 2 1 S Advocate Harbor, N. S. Dexter, Katharine 2 VII S 393Commonwealth Ave. Boston, Mass. Dickson, Paul Richard 4 XIII S 2 Hastings Sq. Cambridgeport, Mass. Dickson, Paul Richard 5 VI S 92 Lowell St., Somerville, Mass. Dole, Myron Wilkinson 2 III S Hampstead Road, Forest Hills, Mass. Dole, Myron Wilkinson 2 III S Hampstead Road, Forest Hills, Mass. Donovan, Jeremiah John, A.B. 2 VI West St., Randolph, Mass. Donovan, William Henry 3 III S Weetwater, Egypt, Mass. Donovan, William Henry 3 III S Weetwater, Egypt, Mass.
Davis, Frank Howard Davis, George Hubbard, Jr. Davis, Harold Henry Davis, Harold Henry Davis, Henry Rand Davis, Junius, Jr. Davis, Henry Rand Davis, Junius, Jr. Davis, Roswell Davis, William Robert Davis, West Newton, Mass. Davis, West St., Randolph, Mass. Davis, West St., Boston, Mass.
Davis, George Hubbard, Jr. Davis, Harold Henry
Davis, Henry Rand
Davis, Junius, Jr
Davis, Roswell I XIII 185 Temple St., West Newton, Mass. Davis, William Robert . 3 1 323 Jefferson Ave., Scranton, Pa. Dawson, Alfred Ernest . 1 11 Saxonville, Mass. Dean, Arthur Malcom . 1 11 Canton, Mass. Dean, Charles Lake . 1 11 105 Hawkins Ave., Braddock, Pa. Dean, Henry Lawrence . 1 XIII Canton, Mass. Deane, Albion Marshall . 2 X S South Weymouth, Mass. Delano, Ward Parker, Jr 1 IV 452 Main St., Worcester, Mass. Denham, Howard Sumner . 3 VI S East Pepperell, Mass. Derby, Richard Baker, Φ B E 1V S Concord, Mass. Desloge, Firmin Vincent, A.B. 4 III S 110 N. Fourth St., St. Louis, Mo. Dewis, Clifford Sayre . 2 1 S Advocate Harbor, N. S. Dexter, Katharine . 2 VII S 393Commonwealth Ave. Boston, Mass. Dickerman, Albert Cornell . 1 XIII 21 Mill St., Dorchester, Mass. Dickson, Paul Richard . 4 XIII S 2 Hastings Sq. Cambridgeport, Mass. Dimock, Roy Ernest . 3 III S 77 N. Montello St., Brockton, Mass. Dodge, Alvah Webster . 3 VI S 92 Lowell St., Somerville, Mass. Dolenty, Harry Vincent . 2 III 35 Greenwich Park, Boston, Mass. Dolen, James Stephen . 2 III S Hampstead Road, Forest Hills, Mass. Dole, Myron Wilkinson . 2 III S Sweetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. 2 VI West St., Randolph, Mass. Donovan, William Henry . 3 II 287 Highland St., Boston, Mass.
Davis, William Robert . 3 1 323 Jefferson Ave., Scranton, Pa. Dawson, Alfred Ernest . 1 11 Saxonville, Mass. Dean, Arthur Malcom . 1 11 Canton, Mass. Dean, Charles Lake . 1 11 105 Hawkins Ave., Braddock, Pa. Dean, Henry Lawrence . 1 XIII Canton, Mass. Deane, Albion Marshall . 2 X S South Weymouth, Mass. Delano, Ward Parker, Jr 1 IV 452 Main St., Worcester, Mass. Denham, Howard Sumner . 3 VI S East Pepperell, Mass. Derby, Richard Baker, Φ B E IV S Concord, Mass. Desloge, Firmin Vincent, A.B. 4 III S 110 N. Fourth St., St. Louis, Mo. Dewis, Clifford Sayre . 2 I S Advocate Harbor, N. S. Dexter, Katharine . 2 VII S 393Commonwealth Ave. Boston, Mass. Dickerman, Albert Cornell . 1 XIII 21 Mill St., Dorchester, Mass. Dickie, John Frederick . 1 III 226 Windsor St., Cambridge, Mass. Dickson, Paul Richard . 4 XIII S 2 Hastings Sq. Cambridgeport, Mass. Dimock, Roy Ernest . 3 III S 77 N. Montello St., Brockton, Mass. Dodge, Alvah Webster . 3 VI S 92 Lowell St., Somerville, Mass. Doherty, Harry Vincent . 2 III S Hampstead Road, Forest Hills, Mass. Dolan, James Stephen . 2 III S Hampstead Road, Forest Hills, Mass. Dole, Myron Wilkinson . 2 III Sweetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. 2 VI West St., Randolph, Mass. Donovan, William Henry . 3 II 287 Highland St., Boston, Mass.
Dawson, Alfred Ernest . 1 11 Saxonville, Mass. Dean, Arthur Malcom . 1 11 Canton, Mass. Dean, Charles Lake . 1 11 105 Hawkins Ave., Braddock, Pa. Dean, Henry Lawrence . 1 XIII Canton, Mass. Deane, Albion Marshall . 2 X S South Weymouth, Mass. Delano, Ward Parker, Jr 1 IV 452 Main St., Worcester, Mass. Denham, Howard Sumner . 3 VI S East Pepperell, Mass. Derby, Richard Baker, Φ B E IV S Concord, Mass. Derby, Richard Baker, A B E IV S Concord, Mass. Desloge, Firmin Vincent, A.B. 4 III S 110 N. Fourth St., St. Louis, Mo. Dewis, Clifford Sayre . 2 I S Advocate Harbor, N. S. Dexter, Katharine . 2 VII S 393Commonwealth Ave. Boston, Mass. Dickerman, Albert Cornell . 1 XIII 21 Mill St., Dorchester, Mass. Dicker, John Frederick . 1 III 226 Windsor St., Cambridge, Mass. Dickson, Paul Richard . 4 XIII S 2 Hastings Sq. Cambridgeport, Mass. Dimock, Roy Ernest . 3 III S 77 N. Montello St., Brockton, Mass. Dodge, Alvah Webster . 3 VI S 92 Lowell St., Somerville, Mass. Doherty, Harry Vincent . 2 III 35 Greenwich Park, Boston, Mass. Dolan, James Stephen . 2 III S Hampstead Road, Forest Hills, Mass. Dole, Myron Wilkinson . 2 III Sweetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. 2 VI West St., Randolph, Mass. Donovan, William Henry . 3 II 287 Highland St., Boston, Mass.
Dawson, Alfred Ernest Dean, Arthur Malcom Dean, Charles Lake Dean, Charles Lake Dean, Henry Lawrence Deane, Albion Marshall Deane, Albion Marshall Delano, Ward Parker, Jr. Delano, Ward Parker, Jr. Denham, Howard Sumner Derby, Richard Baker, Φ B E Desloge, Firmin Vincent, A.B. Dewis, Clifford Sayre Dexter, Katharine Dickerman, Albert Cornell Dicker, John Frederick Dickson, Paul Richard Dickson, Paul Richard Dodge, Alvah Webster Doland, Harry Vincent Doland, Harry Vincent Doland, Harry Walker, Δ Ψ Donovan, William Henry 1 II Saxonville, Mass. Canton, Mass. Dic Hawkins Ave., Braddock, Pa. Dio Canton, Mass. Dio Hawkins Ave., Braddock, Pa. Dio Canton, Mass. Diothen, Mass. Diothen, Mass. Diothey, Harry Vincent Dickerman, Albert Cornell Dick
Dean, Charles Lake
Dean, Henry Lawrence . I XIII Canton, Mass. Deane, Albion Marshall . 2 X S South Weymouth, Mass. Delano, Ward Parker, Jr I IV 452 Main St., Worcester, Mass. Denham, Howard Sumner . 3 VI S East Pepperell, Mass. Derby, Richard Baker, Φ B E IV S Concord, Mass. Desloge, Firmin Vincent, A.B. 4 III S 110 N. Fourth St., St. Louis, Mo. Dewis, Clifford Sayre . 2 I S Advocate Harbor, N. S. Dexter, Katharine . 2 VII S 393Commonwealth Ave. Boston, Mass. Dickerman, Albert Cornell . I XIII 21 Mill St., Dorchester, Mass. Dickie, John Frederick . I III S 226 Windsor St., Cambridge, Mass. Dickson, Paul Richard . 4 XIII S 2 Hastings Sq. Cambridgeport, Mass. Dimock, Roy Ernest . 3 III S 77 N. Montello St., Brockton, Mass. Dodge, Alvah Webster . 3 VI S 92 Lowell St., Somerville, Mass. Doherty, Harry Vincent . 2 III S Hampstead Road, Forest Hills, Mass. Dolan, James Stephen . 2 III S Hampstead Road, Forest Hills, Mass. Doland, Harry Walker, Δ Ψ I III Sweetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. 2 VI West St., Randolph, Mass. Donovan, William Henry . 3 II 287 Highland St., Boston, Mass.
Deane, Albion Marshall . 2 X S South Weymouth, Mass. Delano, Ward Parker, Jr 1 IV 452 Main St., Worcester, Mass. Denham, Howard Sumner . 3 VI S East Pepperell, Mass. Derby, Richard Baker, Φ B E Desloge, Firmin Vincent, A.B. 4 III S 110 N. Fourth St., St. Louis, Mo. Dewis, Clifford Sayre . 2 I S Advocate Harbor, N. S. Dexter, Katharine . 2 VII S 393Commonwealth Ave. Boston, Mass. Dickerman, Albert Cornell . 1 XIII 21 Mill St., Dorchester, Mass. Dickie, John Frederick . 1 III 226 Windsor St., Cambridge, Mass. Dickson, Paul Richard . 4 XIII S 2 Hastings Sq. Cambridgeport, Mass. Dimock, Roy Ernest . 3 III S 77 N. Montello St., Brockton, Mass. Dodge, Alvah Webster . 3 VI S 92 Lowell St., Somerville, Mass. Doherty, Harry Vincent . 2 III S Hampstead Road, Forest Hills, Mass. Dolan, James Stephen . 2 III S Hampstead Road, Forest Hills, Mass. Doland, Harry Walker, Δ Ψ I III Sweetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. 2 VI West St., Randolph, Mass. Donovan, William Henry . 3 II 287 Highland St., Boston, Mass.
Deane, Albion Marshall . 2 X S South Weymouth, Mass. Delano, Ward Parker, Jr 1 IV 452 Main St., Worcester, Mass. Denham, Howard Sumner . 3 VI S East Pepperell, Mass. Derby, Richard Baker, Φ B E Desloge, Firmin Vincent, A.B. 4 III S 110 N. Fourth St., St. Louis, Mo. Dewis, Clifford Sayre . 2 I S Advocate Harbor, N. S. Dexter, Katharine . 2 VII S 393Commonwealth Ave. Boston, Mass. Dickerman, Albert Cornell . 1 $XIII$ 21 Mill St., Dorchester, Mass. Dickie, John Frederick . 1 III 226 Windsor St., Cambridge, Mass. Dickson, Paul Richard . 4 III S 2 Hastings Sq. Cambridgeport, Mass. Dimock, Roy Ernest . 3 III S 77 N. Montello St., Brockton, Mass. Dodge, Alvah Webster . 3 III S 77 N. Montello St., Somerville, Mass. Dolan, James Stephen . 2 III S Hampstead Road, Forest Hills, Mass. Dole, Myron Wilkinson . 2 III S Hampstead Road, Forest Hills, Mass. Donald, Harry Walker, Δ Ψ 1 III Sweetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. 2 VI West St., Randolph, Mass. Donovan, William Henry . 3 III 287 Highland St., Boston, Mass.
Delano, Ward Parker, Jr 1 IV 452 Main St., Worcester, Mass. Denham, Howard Sumner . 3 VI S East Pepperell, Mass. Derby, Richard Baker, Φ B E
Denham, Howard Sumner . 3 VI S East Pepperell, Mass. Derby, Richard Baker, Φ B E Desloge, Firmin Vincent, A.B. 4 III S 110 N. Fourth St., St. Louis, Mo. Dewis, Clifford Sayre . 2 I S Advocate Harbor, N. S. Dexter, Katharine . 2 VII S 393Commonwealth Ave. Boston, Mass. Dickerman, Albert Cornell . 1 XIII 21 Mill St., Dorchester, Mass. Dickie, John Frederick . 1 III 226 Windsor St., Cambridge, Mass. Dickson, Paul Richard . 4 XIII S 2 Hastings Sq. Cambridgeport, Mass. Dimock, Roy Ernest . 3 III S 77 N. Montello St., Brockton, Mass. Dodge, Alvah Webster . 3 VI S 92 Lowell St., Somerville, Mass. Doherty, Harry Vincent . 2 III S Hampstead Road, Forest Hills, Mass. Dolan, James Stephen . 2 III S Hampstead Road, Forest Hills, Mass. Dolan, Harry Walker, Δ Ψ I III Sweetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. 2 VI West St., Randolph, Mass. Donovan, William Henry . 3 II 287 Highland St., Boston, Mass.
Derby, Richard Baker, Φ B E Desloge, Firmin Vincent, A.B. Dewis, Clifford Sayre
Desloge, Firmin Vincent, A.B. 4 111 S 110 N. Fourth St., St. Louis, Mo. Dewis, Clifford Sayre 2 1 S Advocate Harbor, N. S. Dexter, Katharine 2 V11 S 393Commonwealth Ave. Boston, Mass. Dickerman, Albert Cornell . 1 X111 21 Mill St., Dorchester, Mass. Dickie, John Frederick . 1 111 226 Windsor St., Cambridge, Mass. Dickson, Paul Richard . 4 X111 S 2 Hastings Sq. Cambridgeport, Mass. Dimock, Roy Ernest 3 111 S 77 N. Montello St., Brockton, Mass. Dodge, Alvah Webster . 3 V1 S 92 Lowell St., Somerville, Mass. Doherty, Harry Vincent . 2 111 35 Greenwich Park, Boston, Mass. Dolan, James Stephen 2 111 S Hampstead Road, Forest Hills, Mass. Dole, Myron Wilkinson . 2 111 S Weetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. 2 V1 West St., Randolph, Mass. Donovan, William Henry . 3 11 287 Highland St., Boston, Mass.
Dewis, Clifford Sayre 2
Dexter, Katharine 2 VII S 393CommonwealthAve.Boston,Mass. Dickerman, Albert Cornell . I XIII 21 Mill St., Dorchester, Mass. Dickie, John Frederick . I III 226 Windsor St., Cambridge, Mass. Dickson, Paul Richard . 4 XIII S 2 Hastings Sq. Cambridgeport,Mass. Dimock, Roy Ernest . 3 III S 77 N. Montello St., Brockton, Mass. Dodge, Alvah Webster . 3 VI S 92 Lowell St., Somerville, Mass. Doherty, Harry Vincent . 2 III S Greenwich Park, Boston, Mass. Dolan, James Stephen 2 III S Hampstead Road, Forest Hills,Mass. Dole, Myron Wilkinson . 2 III Sweetwater, Egypt, Mass. Donald, Harry Walker, $\Delta \Psi$ I III Sweetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. 2 VI West St., Randolph, Mass. Donovan, William Henry . 3 II 287 Highland St., Boston, Mass.
Dickerman, Albert Cornell . I XIII 21 Mill St., Dorchester, Mass. Dickie, John Frederick . I III 226 Windsor St., Cambridge, Mass. Dickson, Paul Richard . I XIII S 2 Hastings Sq. Cambridgeport, Mass. Dimock, Roy Ernest . III S 77 N. Montello St., Brockton, Mass. Dodge, Alvah Webster . III S 92 Lowell St., Somerville, Mass. Doherty, Harry Vincent . III S Greenwich Park, Boston, Mass. Dolan, James Stephen . III S Hampstead Road, Forest Hills, Mass. Dole, Myron Wilkinson . III S Hampstead Road, Forest Hills, Mass. Donald, Harry Walker, $\Delta \Psi$ I III Sweetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. VI West St., Randolph, Mass. Donovan, William Henry . III S Hampstead Road, Forest Hills, Mass. Sweetwater, Egypt, Mass. Sweetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. 2 VI West St., Randolph, Mass.
Dickie, John Frederick . 1 111 226 Windsor St., Cambridge, Mass. Dickson, Paul Richard . 4 XIII S 2 Hastings Sq. Cambridgeport, Mass. Dimock, Roy Ernest . 3 III S 77 N. Montello St., Brockton, Mass. Dodge, Alvah Webster . 3 VI S 92 Lowell St., Somerville, Mass. Doherty, Harry Vincent . 2 III 35 Greenwich Park, Boston, Mass. Dolan, James Stephen . 2 III S Hampstead Road, Forest Hills, Mass. Dole, Myron Wilkinson . 2 III Shapped Road, Forest Hills, Mass. Donald, Harry Walker, $\Delta\Psi$ I III Sweetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. 2 VI West St., Randolph, Mass. Donovan, William Henry . 3 II 287 Highland St., Boston, Mass.
Dickson, Paul Richard . 4 XIII S 2 Hastings Sq. Cambridgeport, Mass. Dimock, Roy Ernest . 3 III S 77 N. Montello St., Brockton, Mass. Dodge, Alvah Webster . 3 VI S 92 Lowell St., Somerville, Mass. Doherty, Harry Vincent . 2 III 35 Greenwich Park, Boston, Mass. Dolan, James Stephen . 2 III S Hampstead Road, Forest Hills, Mass. Dole, Myron Wilkinson . 2 III 104 Pearl St., Fitchburg, Mass. Donald, Harry Walker, $\Delta\Psi$ I III Sweetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. 2 VI West St., Randolph, Mass. Donovan, William Henry . 3 II 287 Highland St., Boston, Mass.
Dimock, Roy Ernest 3 III S 77 N. Montello St., Brockton, Mass. Dodge, Alvah Webster . 3 VI S 92 Lowell St., Somerville, Mass. Doherty, Harry Vincent . 2 III 35 Greenwich Park, Boston, Mass. Dolan, James Stephen 2 III S Hampstead Road, Forest Hills, Mass. Dole, Myron Wilkinson . 2 III 104 Pearl St., Fitchburg, Mass. Donald, Harry Walker, $\Delta\Psi$ I III Sweetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. 2 VI West St., Randolph, Mass. Donovan, William Henry . 3 II 287 Highland St., Boston, Mass.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Donald, Harry Walker, $\Delta\Psi$ 1 111 Sweetwater, Egypt, Mass. Donovan, Jeremiah John, A.B. 2 V1 West St., Randolph, Mass. Donovan, William Henry . 3 11 287 Highland St., Boston, Mass.
Donovan, Jeremiah John, A.B. 2 VI West St., Randolph, Mass. Donovan, William Henry . 3 II 287 Highland St., Boston, Mass.
Donovan, William Henry . 3 11 287 Highland St., Boston, Mass.
Dooley, John James 3 V1 804 Parker St., Roxbury, Mass.
Doran, James Finton 3 II S East Pine St., Waterbury, Conn.
Dorr, Edwin Nathan 1 IV S 17 High St., Brookline, Mass.
Doten, William Leslie . 2 II 143 Court St., Plymouth, Mass.
Douglas, John Frederic . 1 X Bucksport, Me.
Dow, Daniel Frederick . 2 1 S 53 Emerson St., Melrose, Mass.
Downes, Arthur Caldwell . 2 V 5 Washington Sq., Gloucester, Mass.
Doyle, Edward Leo 2 VI S 24 Thwing St., Roxbury, Mass.
Drake, Francis Edward, Jr. 1 II 50 N. Twenty-first St., Columbus, O.

Name and Society	Year	Cours	е	Home Address
Drake, Henry Philkins	3	XI		94 Monument St., W. Medford, Mass
Draper, Herbert Kinsley .	2	11	S	Canton, Mass.
Draper, John Howard	2	X	5	Canton, Mass.
Drury, Walter Maynard .	3	III		1011 Chicago Ave., Evanston, Ill.
Drew, Alden Glover	2	IX	S	70 Myrtle St., Boston, Mass.
Drew, Charles Henry	2	11	S	70 Myrtle St., Boston, Mass.
Dudley, Henry Harrison .	3	VI		198 North Main St., Natick, Mass.
Dunham, George Eldredge .	1	V		Northfield, Vt.
Dunham, Milton Cornelius .	4	111		35 N. Montello St., Brockton, Mass
Dunn, John Franklin, B.S	2	VI		Ocaba, Florida [Pa
Durant, Frederick Clark, Jr., ΦΓ.	4	XIII	S	228 W. Rittenhouse Sq., Philadelphia
Durbin, Joseph Wilbur .	4	VI		211 Penn. St., Burlington, N. J.
Durgin, William Andrew .	4	VI		16 Lesley Ave., Somerville, Mass.
Dwight, Joseph	1	IV		235 Beacon St., Boston, Mass.
Dwyer, Emmet Joseph .	1	11	S	692 Jefferson Ave., Detroit, Mich.
Eager, Frank Joseph	4	111		11 Carlisle St., Roxbury, Mass.
Eager, William Hosmer .	2	VI		526 Oak St., Syracuse, N. Y.
Eames, Jesse Jennings	4	11		45 Hollis St., S. Framingham, Mass
Easterbrooks, Clifton Clark .	2	11		Peace Dale, R. I.
Eastham, Barry Canfield .	1	VI	S	Oregon City, Oregon
Eastman, Guy Warner .	2	VIII		Vanconver Barracks, Wash.
Eastwood, Everett Owen,				
C.E., M.A., B.S., Σ A E	4	XIII	S	308 North St., Portsmouth, Va.
Eaton, Lewis Dinman	1	11		35 Langdon St., Cambridge, Mass.
Eaton, Ralph Waldo	3	VI		3 Ringgold St., Haverhill, Mass.
Eckel, George Robert	1	111		515 N. Fourth St., St. Joseph, Mo.
Edes, Edward Lewis	2	1		Bolton, Mass.
Eddy, William Osgood .	3	VI		23 Webster St., Middleboro, Mass.
Edmunds, Howard Maurice .	1	VI		Antron, 21 Up. Tuke Hill, Lon., Eng
Edwards, Robert Seaver, S.B.	4	Ш	S	73 Pinckney St., Boston, Mass.
Egerton, Charles Ozro	3	XIII		89 Rutland Sq., Boston, Mass.
Eichler, Walter Gottfried .	1	11		6 Greenheys St., Dorchester, Mass.
Eisele, Herman	1	XIII		399 Kennard St., Cleveland, O.
Elliott, Joseph Kittredge	2	IX		147 Main St., Andover, Mass.
Elliott, Frank Spencer	1	111		71 Washing'n St., Gloucester, Mass
Elmer, Charles Wickersham, Σ Σ	3	VI	S	1701 W. Lafayette Ave., Balt., Md.
Elwell, David, AKE	2	VI		14 Pelham Terrace, Arlington, Mass
Emerson, Charles Joseph, & K E	2	XIII		89 Park Place, Pawtucket, R. I.
Emerson, Merton Leslie	2	I		20 Mt. Vernon Ave., Braintree, Mass
Emerson, Niel Davis, X Φ .	2	VI		Wilmington, N. C.
Emerson, Ralph Dammarell .	1	IV		6 Paine St., Worcester, Mass.

	Name and Society	Year	Cours	e	Home Address
	Endres, Kenneth Windram .	3	VI		48 Kent St., Brookline, Mass.
	Estabrook, Thomas Winthrop	1	V	S	49 W. Cottage St., Roxbury, Mass.
	Evans, William Archibald .	2	11		55 East Newton St., Boston, Mass.
	Eveland, Arthur John	4	III	S	19 Nottingh'm St., Dorchester, Mass.
	Everett, Harold Arthur .	4	XIII		1 Ox. Ter., Suite 5 B, Boston, Mass.
	Fairfield, George Albert .	2	1		3 North St., Saco, Me.
	Fales, Henry Hammett .	3	11		Pondville, Mass.
	Falvey, Frank Alexander .	1	IX	S	36 Perrin St., Roxbury, Mass.
	Farmer, Walter Havens, & BE	4	1		80 Main St., Hartford, Conn.
	Farnham, Frank Rollins .	3	XIII		117 Lake Ave., Newt'n Centre, Mass.
	Farrell, Frank Sheriden .	2	V		Stoughton, Mass.
Ó	Farrell, Frederick William .	2	V		Stoughton, Mass.
	Farrington, Robert Douglas .	1	1		Bellevue St., West Roxbury, Mass.
	Faulkner, Robert	2	111		Stafford Springs, Conn.
	Faymouville, LeRoy Bernard, 2	X I	VI	S	401 California St., S. Francisco, Cal.
	Fellows, Otis Dwight, Jr	2	III		142 Homer St., Newton Cent'e, Mass-
	Ferguson, William B., Jr	3	XIII	A	Waynesville, N. C.
	Ferrin, Henry Abbot, 0 Z .	4	XIII		1515 Middlesex St., Lowell, Mass.
	Ferris, Cyprus Yale	2	11		Windsor Road, Waban, Mass.
	Ferris, Mortimer Yale, X 4 .	3	1		Windsor Road, Waban, Mass.
	Ferry, Albert Clark	2	VI		57 Pleas'nt St., Newt'n Centre, Mass.
	Ferry, Montague	3	VI		101 Pinckney St., Boston, Mass.
	Fick, Otto Wilhelm	1	1		109 Warren Ave., Boston, Mass.
	Field, Henry Callender, AKE	2	1	S	Milton, Mass.
	Field, Francis Jerome	4	XI		216 Dorchester St., S. Boston, Mass.
	Field, Richard Manning, Φ B E	3	III		158 Hicks St., Brooklyn, N. Y.
	Field, William Perry	1	VI	S	38 Grant St., Lynn, Mass.
	Figyelmessy, Haldeman .	3	IV	S	930 Spruce St., Philadelphia, Pa.
	Files, True Herbert	1	1		14 Chestnut St., Everett, Mass.
	Finnegan, Joseph Bernard .	2	X		69 Franklin St., Stoneham, Mass.
	Fish, Harold Coburn	4	1		112 West St., Hyde Park, Mass.
	Fischer, Adolph L	4			Salem, Dent County, Mo.
	Fisher, Andrew, Jr	1	X		180 E. River St., Hyde Park, Mass.
	Fisher, Dana Hollis	4	I	S	Norwood, Mass.
	Fitch, Charles Henry	4	111	S	40 Hancock St., Boston, Mass.
	Fitch, Walter Spencer	4	11		48 Union St., Rockville, Conn.
	Fitz, Reginald	1	11	S	18 Arlington St., Boston, Mass.
	Fitz Gerald, John Mark	4	11		74 Pleasant St., Cambr'geport, Mass.
	Fitzler, Henry	3	XIII		Tiverton, R. I. [Park, Minn.
	Flagg, Howard Hollister .	1	11		1181 Raymond Ave., St. Anthony
	Fletcher, Harold Hervey .	4	- 1		90 Babcock St., Brookline, Mass.

Name and Society	Year	Course	e	Home Address
Fletcher, Samuel Adams .	3	VI		Milton, Mass.
Flinn, Henry Michael	2	11	S	2 Morrison St., West Roxbury, Mass
Flynn, John Henry, Jr.	1	11		31 Marcella St., Roxbury, Mass.
Fogg, Benjamin Greely	3	1	S	22 Toppan St., Newburyport, Mass
Foley, Daniel Alfred Berchmans,			S	193 Salem St., Boston, Mass.
Foley, Leonard Harding .	1	11		52 West Central St., Natick, Mass.
Folsom, Robert Morse	1	X		30 Esmond St., Dorchester, Mass.
Foote, Thomas Witherbee, Σ X	4	111		4842 Washington Ave., Chicago, Ill.
Forbes, Eugene Duncan .	3	VI		40 Pomeroy St., Allston, Mass.
Ford, Lynette	1	V	S	45 Westland Ave., Boston, Mass.
Foster, Stanley Alfred	3	X		Hennicker, N. H.
Foster, William Houghton .	2	V	S	58 Winthrop St., W. Newton, Mass.
Fouhy, James Francis	1	1		21 Wall St., Charlestown, Mass.
Foulds, Roberts Shepherd .	1	IV		225 High St., Taunton, Mass.
Fowler, Elbert	1	XIII		320 East Grace St., Richmond, Va.
Fowler, Robert	1	H	S	35 Burroughs St., Jama'a Pl'n, Mass.
Fowler, Theodore Victor, Jr., 2 X	3	11		89 Hodge Ave., Buffalo, N. Y.
Francis, George Washington	2		S	1020 Munroe St., Wilmington, Del.
Franklin, Duncan Rogers .	4	V		153 Foster St., Brighton, Mass.
Franklin, Ralph Stowell, 4 B E	4		S	47 Prospect St., Melrose, Mass.
Fraser, Frederick John	1	V		Rye Beach, N. H.
Fraser, Linda Susan	2	IV		6 Waverly St., Roxbury, Mass.
Freeman, Arthur Emery .	1	VI		14 Court St., Arlington, Mass.
Fremmer, John Arthur	2	11		375 Haverhill St., Lawrence, Mass.
Friend, Alfred William, Φ Γ Δ	4	VI		Manchester, Mass.
Frost, Richard Lincoln, Φ B E	4	11		Lincoln St., Waltham, Mass.
Fruit, John Clyde, AKE .	4	IV		136 So. 13th St., La Crosse, Wis.
Fuentes, Campos Andrés, V A K	1	1		Parras Coah, Mexico
Fuller, George	1	1		83 Adams St., Rochester, N. Y.
Fuller, Lawrence Usher .	1	11		26 Vine St., Lynn, Mass.
Fuller, Percy Wheaton	1	11	S	639 B St., N. E., Washington, D. C.
Funk, George Charles	1	IV		83 Brook St., Brookline, Mass.
Gaenslen, George Ralph .	3	111		South Heights, San Antonio, Tex.
Gage, Clarence Edward .	1	11		8 Sherman Place, Woburn, Mass.
Galaher, Francis Brisbane .	4	H		892 Essex St., Lawrence, Mass.
Gale, Roy Fellows	1	11		Pittsfield, Mass.
Gallards, Enrique Cuesta .				Parrogina No. 13, Guadalajara, Mex.
Galusha, Don Loomis	2	VI		South Royalton, Vt.
Gammons, Herman Trafton .	1	11		43 Forest St., Middleboro, Mass.
Gammons, James Madison .	3	VI		Long Plain, Mass. [D. C.
Gannett, Farley, ⊕ Z	4	XI		1881 Third St., N. W., Washington,

Name and Society	Vear	Course	e	Home Address
Garber, Frederick H. C., Jr.	3	IV	S	934 Clark St., Cincinnati, O.
Garcelon, George Holland .	3	VI		71 Hall Ave., W. Somerville, Mass.
Gardner, Archibald	4	XIII		Babylon, Long Island, N. Y.
Gardner, Charles F	4			31 Glenwood St., Brockton, Mass.
Gardner, Robert Sherman .	1	XIII	S	Bulkeley Sq., New London, Conn.
Gardner, Stephen A., Jr	4	XIII		Bulkeley Sq., New London, Conn.
Gates, Thayer Prescott, Y X .	4	-11	S	400 E. Merrimac St., Lowell, Mass.
Geckler, Burton Edward .	1	IV		229 No. Main St., Orange, Mass.
George, Harry Allan	4	11		40 Chase St., Newton Centre, Mass.
Geraghty, Thomas Francis, A.B.	1	III		462 Elm St., Chicago, Ill.
Gerhard, Norman Paul	1	- 1		39 Strong Place, Brooklyn, N. Y.
Geromanos, Hercules Wallace	4	V		91 Revere St., Boston, Mass.
Gerry, Arthur Peterson .	1	H		Franklin Falls, N. H.
Gerry, William Franklin .	2	11	S	Lynnfield Centre, Mass.
Gibbs, Arthur Sherman .	3	VI	S	North Middleboro, Mass.
Gibson, Jessie Gilbert	3	IV		1632 N. Penn St., Indianapolis, Ind.
Gifford, Ralph Percy	4	VI		39 Hawthorne St., Lynn, Mass.
Gifford, Ralph Staples	1	V		560 County St., New Bedford, Mass.
Gilbert, Albert Champion, B.Agr.	1	V		Gilead, Conn.
Gilker, William Mansfield .	3	VI		213 Huntington Ave., Boston, Mass.
Gill, Walter Josiah, Jr	2	VIII		21 Montrose St., Roxbury, Mass.
Gillet, William Lowry, B.A	3	X		1006 Up'r First St., Evansville, Ind.
Gilman, Wesley Clifton .	1	X		North Abington, Mass.
Gilmer, Thornton Meriwether, 2 2	12	1	S	Riverbank Court, Cambridge, Mass.
Gilmore, Luther Elmer	1	X		167 Howard St., Lowell, Mass.
Gilson, Arthur Pinus	1	11		Wellesley Hills, Mass.
Gilson, John Lawrence, $\Delta \Psi$.	3	IX	S	5 Court St., Rutland, Vt.
Gladding, James Nickerson .	1	VI		1107 Plymouth Ave., Fall River, Mass.
Gleason, Caroline Lillian .	3	VII	S	46 Brooks St., West Medford, Mass.
Gleason, Gilbert Howe	3	V		12 Ruthven St., Roxbury, Mass.
Glenn, Charles S	3	VI	S	270 W. Lafayette Ave., Baltimore, Md.
Glidden, John Tinker	1	III		9 Ashton Place, Cambridge, Mass.
Glover, George Curtis, S.B	4	IV	S	33 Upton St., Boston, Mass.
Goddard, Herbert Willard .	2	11	S	30 Marlborough St., Lowell, Mass.
Goldenberg, Maurice	4	IV		391 Meriden St., East Boston, Mass.
Golthwait, Fred Warren .	2	11		115 Central St., Peabody, Mass.
Golthwaite, Lee Faulkner, 2 A E	1	1		Hopkinsville, Ky.
Goodale, Percy Allen, Φ Γ Δ .	1	V	S	to Carruth St., New Dorchester, Mass.
Goodrich, Robert Rhea, S.B.	Ad	v. Degr	ee	497 Columbus Ave., Boston, Mass.
Goodwin, Charles Carroll .	3	III		210 Chestnut St., Rochester, N. Y.
Goodwin, Edwin Gerrish .	3	111		North Berwick, Me.

Name and Society	Year	Cours	e	Home Address
Goodwin, William Francis .	2	VI		5 Mason St., Biddeford, Me.
Gorfinkle, Emanuel	4	VI		164 Walnut St., Chelsea, Mass.
Gouinlock, William Strachan	1	I		Warsaw, N. Y.
Gould, Harold Howard .	2	VI	S	14 Pinckney St., Boston, Mass.
Gould, LeRoy Boardman .	3	V1		17 North Pleasant St., Taunton, Mass
Gover, Maurice Howell .	2	VI	S	17 Homestead St., Roxbury, Mass.
Graber, Howard Tyler, B.S	4	V		1101 Perry Ave., Peoria, Ill.
Grady, Ronan Calestus	1			897 Saratoga St., East Boston, Mass
Graesser, Carl Herman, E A E	1	11		951 Lafayette Ave, Buffalo, N. Y.
Graham, Minnie Almira, A.B.	3	VIII	S	355 Market St., Lockport, N. Y.
Granger, Eliot	2	1		18 Centre St., Roxbury, Mass.
Grant, Edward Chester, AKE	1	XIII		520 Greenup St., Covington, Ky.
Grant, Kenneth Crothers .	4	1		8 Bay View Ave., Newport, R. 1.
Grant, Leslie Roy	2	1	5	20 Pleasant Ave., Somerville, Mass
Gray, Curtis Rockwell	3	HI		1808 Beacon St., Brookline, Mass.
Greeley, William Roger .	4	IV		Lexington, Mass.
Green, Carlton Francis	3	111		7 Follen St., Spencer, Mass.
Green, Theodore	1	1		545 First St., Louisville, Ky.
Green, William	1	VI		157 Blucker St., Gloversville, N. Y.
Greene, Bertram W. B., Δ Ψ	4	IX		1 Terrasse, Dinard, T. et V. Franc
Greene, Chester Marson .	2	11	S	56 Belmont St., Malden, Mass.
Greene, Edwin Farnham, A.B.	3	11		1038 Centre St., Newton Centre, Mass
Greene, George Melville .	3	V	S	Westminster, Conn.
Gregson, Robert Burton .	1	11		Fiskdale, Måss.
Grice, John Marriott	3	111	S	9 Newbury St., Boston, Mass.
Griffin, Charles James	3	1		3 Mead St., Everett, Mass.
Groves, Harry Hunt, Jr	2	1	S	Rochester, N. H.
Guerin, Harry Joseph	1	1	S	23 Dalton St., Boston, Mass.
Guibord, Fred Willis	1	V		Plattsburgh, N. Y.
Guild, Frank Emmons	1:	VI		117 Pine St., Attleboro, Mass. [Eng
Gunn, Selskar	2	V	S	St. Selsk., Eton Av., Hamp., N. W
Gurza, Jamie, Ψ A K	3	111	S	Apartado 100, Durango, Mex.
Haar, Selby	2	VI		1614 Charlotte St., Kansas City, Mo
Haddock, Isaac Thomas .	3	V	S	Tiverton, R. I.
Hadley, Ralph Edgar	1	1		968 Essex St., Lawrence, Mass.
Hadley, Walter Elbridge .	2	Ш		7 Greenough Ave., Cambridge, Mass
Hale, Mary Dean	2		S	Chestnut Hill Ave., Brookline, Mass
Haley, Humphrey Matthew .	2	VI		4 Pratt St., Salem, Mass.
Haley, Joseph Francis	1	VI		134 Dorchester St., S. Boston, Mass
Hall, Arthur Parker	4	X		3 Cordis St., Charlestown, Mass.
Hall, Barton	2	IV	S	18 West 38th St., Kansas City, Mo

Name and Society	Year	Course	ė.	Home Address
Hall, George Garfield	2	IV		Stony Creek, Conn.
Hall, John, B.S	3	VI	S	820 Princess St., Wilmington, N. C.
Hall, William Alden	1	XIII		North Easton, Mass.
Hallack, Charles, Jr	3	XII	S	1315 California St., Denver, Colo.
Ham, Clara Eleanor	3	VII		North Middleboro, Mass.
Hamblet, Abel Martin	4	V		120 Federal St., Salem, Mass.
Hamilton, Robert Stavely, X Φ	2	III	S	446 Lawrence St., Helena, Mont.
Hamilton, Thomas Moore .	2	111	S	446 Lawrence St., Helena, Mont.
Hammett, Louis Wilbar .	-1	IX		6 Mann Ave., Newport, R. I.
Hammond, Lester Clark .	4	1		Kingston, Mass.
Hansen, August Ernest .	4	XI		299 Dudley St., Roxbury, Mass.
Hansen, Paul, ⊕ Ξ	4	XI	S	704 7th St., N. W., Washington, D. C.
Hanson, Raymond Edward .	3	V	S	52 Bancroft Ave., Reading, Mass.
Haradan, Joseph Allen	2	VI		20 Essex St., Charlestown, Mass.
Hardenbergh, Clarence M	3	11		625 Ninth St., S. Minneapolis, Minn.
Harding, Reynold Munroe .	2	11		42 Youle St., Melrose, Mass.
Hardy, Henry Lewis	1	1		201 Walnut St., Manchester, N. H.
Harlow, Justin Edwards .	3	XIII		Edgewood Park, Pa.
Harnett, James Harold	2	VI	S	Hamilton, Bermuda
Harrah, Ernest, Φ B E	2	11		27 East 64th St., New York, N. Y.
Harrigan, William Augustus .	3	1	S	236 Lexington St., E. Boston, Mass.
Harrington, Clinton Oakley .	2	1	S	Vinton, Ia.
Harris, Frank Park, B.A.	4	V	S	Amherst, Mass.
Harris, Galen Moses, AKE.	3	- 11		53 Derring St., Portland, Me.
Harris, Henry George	3	XIII	S	Trident Ave., Winthrop, Mass.
Harris, William Augustus, A.B.	1			Madison, Ga. [Mass
Hart, Harold Pillsbury	1	VI		110 Franklin St., So. Framingham,
Hartshorne, Richard Gardner	2	I		94 W. Chestnut St., Wakefield, Mass.
Harwood, Leon Martin	3	VIII	S	188 Walnut St., Springfield, Mass.
Haskell, Albert Adams	4	V		Essex, Mass.
Haskell, Raymond	4	VIII	S	2014 Ashland Ave., Indianapolis, Ind-
Hastings, Arthur Nelson .	1	IX		26 Dana St., Cambridge, Mass.
Havens, Ralph Edgar	2	1		Littleton, Mass.
Hawkes, Charles Whitney .	1	VI		15 Euclid St., Dorchester, Mass.
Hayden, Frank Demetrius .	2	I	S	159 Shirley St., Winthrop, Mass.
Hayden, Ralph	2	I	S	14 Bowdoin St., Cambridge, Mass.
Hayes, James, Jr	1	I		404 Main St., Brockton, Mass.
Haynes, Charles Rogerson .	2	X		74 Beacon St., Hyde Park, Mass.
Hayward, Carle Reed	2	111		233 Gaffe St., Quincy, Mass.
Hazeltine, Reginald	2	111		r Court St., Belfast, Me.
Hazelwood, Sumner	4		S	

Name and Society	Year	Cours	e	Home Address
Healy, Alexander, ΣAE .	3	111		2529 Jefferson Ave., Ogden, Utah
Helpern, Myron	1	V		45 Lagrange St., Boston, Mass.
Henrich, Louis Richard, S.B.	Adv.	Standi	ing	69 Northampton St., Buffalo, N. Y.
Hepburn, Andrew Hopewell, A	Ψ 3	XIII	S	Avondale, Pa.
Hermann, Louis Alfred .	2	V	S	7 Eaton St., Boston, Mass.
Hervey, Elmer Merrill	4	VI		8 Humphreys Sq., Dorchester, Mass
Hickok, Harvey Martin .	3	1	S	822 4th St., S. E., Minneapolis, Minr
Higgins, Frederick Lyle .	3	XIII	S	10 Mongam St., Cohoes, N. Y.
Higgins, Warren Sneden .	1	VI		Riverhead, N. Y.
Hill, Beulah Chapin	4	VIII		107 King St., Dorchester, Mass.
Hill, Edgar Logan	- 1	11		Lincoln, Ill.
Hill, Edwin Bruce, X Φ .	1	VI	S	5502 Margaretta St., Pittsburgh, Pa
Hill, Francis Manning	1	IX		50 Ashland St., Lynn, Mass.
Hill, Guy	2	VIII		41 High St., Everett, Mass.
Hill, Hiram Augustus	2	I		711 Beech St., Manchester, N. H.
Hill, Percy Granville	2	- 11		Wallingford, Conn. [Mas
Hiller, Everett Osgood	2	II		454 Metropolitan Ave., Hyde Parl
Hine, Daniel	1	XIII		54 Vernon St., Hartford, Conn.
Hinkley, Philip Edward, Δ K E	1	11		57 Deering St., Portland, Me.
Hirons, Frederick Charles .	3	IV	S	360 Salem St., Medford, Mass.
Hixon, Harold, ΣAE	1	III		24 Bowdoin St., Cambridge, Mass.
Hoard, Prescott D	2			286 Newbury St., Boston, Mass.
Hodge, William Edward .	2	VI		10 Bell Rock St., Malden, Mass.
Holbrook, Arthur Raymond .	2	1		Ashland, Mass.
Holbrook, Elmer Allen, Φ Γ Δ	2	111		61 Clinton St., Fitchburg, Mass.
Holcombe, Amasa Maynard .	2	11		13 Wildwood St., Winchester, Mas
Holford, William Gordon, S.B.	Adv.	Standi	ng	Hazardville, Conn. [Inc
Holliday, John Hampden, Jr., 2	1 42	11		118 East Market St., Indianapoli
Hollis, Charles Bertram .	4	111		6 Concord Place, Natick, Mass.
Hollnagle, Herbert Percival .	1	VI	S	2164 Conler Ave., Dubuque, Ia.
Holmes, Addison Francis .	2	H		41 Ruggles St., Boston, Mass.
Holmes, Valdemar Frank, ΔΥ	4	V		Strandvey 30, Copenhagen, Denmar
Holz, Herman Alfred	- 1	11	S	415 Ludlow Ave., Cincinnati, O.
Homans, George Morris .	2		S	26 Berwick Park, Boston, Mass.
Homer, Charles Lowell, X Φ .	2	1		Prouts Neck, Me.
Hood, Albert Hudson	2			28 St. James Ave., Boston, Mass.
Hood, Raymond Mathewson	3	IV		107 Cottage St., Pawtucket, R. I.
Hooker, Henry Keene	4	VI		Wellesley Hills, Mass.
Hool, George Albert	1	1		29 Manchester St., Lawrence, Mas
Hopkins Leonard Otis	2	I	S	South Framingham, Mass.
Horstmann, William Henry .	3	IV	S	3610 a N. Ninth St., St. Louis, Mo

Name and Society	Year	Course	e	Home Address
Horton, Frederick Waters .	2	III		150 School St., Somerville, Mass.
Houck, Carl Alfred	1	- 1		97 High St., Buffalo, N. Y.
Howard, John Wardwell .	3	1		147 Grampian Way, Dorchester, Mass.
Howard, Lewis Thomas .	2	I		76 Erie St., Brockport, N. Y.
Howe, James Carleton, A.B	4	VI		68 Chauncy St., Boston, Mass.
Howes, Cyrus Pierce	3	IV		East Dennis, Mass.
Howes, Ralph Holt	3	1	S	Keene, N. H.
Howland Arthur Hathaway .	1	IV		1406 Dean St., Brooklyn, N. Y.
Hoxie, Edward Ely	3	IV	S	229 Longwood Ave., Boston, Mass.
Hoy, Charles	2	X		350 Greene St., Syracuse, N. Y.
Hudson, Henry Norman .	3	- 11		5 Ellery St., Cambridge, Mass.
Hull, Floyd Byron	4	VI		Kennard House, Cleveland, O.
Humphrey, Carl Thomas .	1	- 1		Weymouth Centre, Mass.
Humphrey, Edwin Rowland, X 4	3	H	S	50 Ashford St., Allston, Mass.
Humphrey, William Henry .	1	IV	S	50 Chestnut Ave., Waterbury, Conn.
Hunnewell, Mary Perle	3	VII	S	Wellesley, Mass.
Hunt, Franklin Livingston .	1	11		19 Howard St., Waltham, Mass.
Hunt, Howard Nelson	4	H		55 Carleton St., Newton, Mass.
Hunter, Charles Frederick .	2	VIII		8 Hanscom Ave., Poughkeepsie, N.Y.
Hunter, Frederick Huston .	4	IV		W. Graves Lane, Ches't Hill, Phil., Pa.
Hunter, Leroy Littlefield .	3	1	S	591 E. Forty-third St., Chicago, Ill.
Huntington, Charles McKay	1	XIII		18 St. Stephen St., Boston, Mass.
Huntington, Constant Davis, A.I	3. 3	IV	S	108 Brattle St., Cambridge, Mass.
Hurley, Edmund Joseph .	2	11		100 Lebanon St., Malden, Mass.
Hutchinson, John Albert .	4	11		North Evans, N. Y.
Hyde, George Taylor, S.B., ΔΥ	Adv.	Standi	ng	696 Pine Ave., Montreal, Canada
Hyde, Stanley Taber		IX		33 Harris St., Waltham, Mass.
Ingalls, Roger Philip	1	VI		902 President St., Brooklyn, N. Y.
Ingram, Ralph Osborne, Φ Γ Δ	2	11		90 Knox St., Lawrence, Mass.
Ireland, James Duane, Ph.B., A	r 4	11	S	15 East 47th St., New York, N. Y.
Jackson, Arthur Adams .	4	V	S	294 Pleasant St., Brockton, Mass.
Jackson, Robert Fuller	3	IV	S	15 Centre St., Brookline, Mass.
Jacobs, Alfred Henry	2	IV		204 Lansome St., San Francisco, Cal.
Jacobson, Henry Forsberg .	2	VI	S	Hastings, Neb.
Jameson, Frank Albert	-1		S	5 Benton Place, St. Louis, Mo.
Jason, George, Jr	1	11		Cohasset, Mass.
Jenkins, Austin Dickinson, B.A.	3	IV	S	20 Alverston St., Jamaica Plain, Mass.
Jenkins, Ernest Foster	2	V	S	35 Glenarm St., Dorchester, Mass.
Jewett, Kenneth Du Bois .	3	11	S	224 Blossom St., Fitchburg, Mass.
Jewett, Thomas Edward .	1	1		61 Hemenway St., Boston, Mass.
Johansson, Frederick Victor .	1	VI		316 Dudley St., Roxbury, Mass.

Name and Society	Year	Cours	e	Home Address
Johnson, Bertrand Leroy .	1	III		Stoneham, Mass.
Johnson, Charles Henry .	-1	X		13 Orchard St., Haverhill, Mass.
Johnston, Charles Wiswell .	1	III		1 Copeland Place, Roxbury, Mass.
Johnson, Frank	3	1		167 Broadway, Lawrence, Mass.
Johnson, Natt Madison .	2	I		Albany, Vt.
Jones, George Bayard	1	.11		4337 Wash. Boulevard, St. Louis, Mc
Jones, John Larrabee	3	VI		1871 Forest Ave., Portland, Me.
Jones, Joseph Russel	3	III		Highland Park, Lake Co., Ill.
Jordan, Robert Rishworth, AK	-	11	S	290 Danforth St., Portland, Me.
Joseph, Jesse Strassburger .	3	П		815 Federal St., Allegheny, Pa.
Joslin, Gilman Burt	1	XIII		46 Burroughs St., Jamaica Plain, Mass
Josselyn, Edwin Dole, Jr	1	VI		Bridgewater, Mass.
Joyce, Clarence Mason		V		19 Park St., Medford, Mass.
Judson, Howard Campbell .	4	H	S	163 Elm St., Holyoke, Mass.
Kaiser, George Karl	2	VI		171 Bank St., New London, Conn.
Kalmus, Herbert Thomas .	2	VIII		5 Howe St., Dorchester, Mass.
Kattelle, Walter Roby, S.B			ng	205 Grove St., Auburndale, Mass.
Kaufman, Lewis Rogers, Ψ A K		IV		1609 Fourth Ave., Louisville, Ky.
Kearny, Philip John	3	H		Boston Navy Yd., Charlestown, Mass
Keen, Walter Thomas	2	X	S	Jewett City, Conn.
Keen, William Herbert .	1	V		67 Newhall St., Malden, Mass.
Keenan, Joseph Augustine .	2	II		So West Fifth St., So. Boston, Mass
Kehew, Francis Donaldson .	3	III		104 Inman St., Cambridge, Mass.
Keith, Edwin	1	11		Bridgewater, Mass.
Keith, Henry Hiram Wheaton	1	XIII		139 North St., New Bedford, Mass.
Keller, Dennie Kelley	2	IX		Canton, Mass.
Kellogg, Charles Wetmore, Jr., A		11		51 St. Paul St., Brookline, Mass.
Kemper, William Arthur .	2	1		19 W. Granite St., Butte, Mont.
Kendall, Harry Stillman .	2	1		361 Chestnut St., Gardner, Mass.
Kenway, Herbert Winthrop .	1	XI		85 Lombard St., Newton, Mass.
Kern, LeRoy Eskridge, A.B.	4	IV	S	1915 Broad St., Nashville, Tenn.
Kerr, Norman Frederick, Σ X	2	III	S	301 James St., So. Hamilton, Canad
Kershaw, George Elliot .	3	XIII	S	25 Dell St., Somerville, Mass.
Keyes, Henry Francis, A.B.	2	IV	S	15 Bishop St., Jamaica Plain, Mass
Kibbey, Rinker	I	III		758 W. End Ave., New York, N. Y.
Killion, Louis John	1	1		49 Crawford St., Roxbury, Mass.
Kimball, Alfred Whitefield .	3	V		51 Fair St., Newburyport, Mass.
Kimball, Edwin Elliot	4	VI		124 6th East St., Salt Lake City, U
King, Carl	2	H		266 Andover St. Lawrence, Mass.
King, Robert Joshua	3	Ш		Billerica, Mass.
and the second of the second o				The state of the s

Name and Society	Vear	Cours	e	Home Address
Klives, Archibald Lee	4		S	2315 Chapline St., Wheeling, W. Va.
Knight, Elliot Walker, Φ Γ Δ .	4	111		15 Coolridge St., Brookline, Mass.
Knights, Charles Fox	4	1	S	567 Lebanon St., Melrose, Mass.
Knowles, Earle Forrest .	1	VI		169 St. Botolph St., Boston, Mass.
Knowlton, Cutler Dean .	2	VI		Rockport, Mass.
Koch, Harry George, X Φ .	4	IV		199 Twenty-fifth St., Milwaukee, Wis.
Kramer, Henry	2	I		97 Florence St., Roslindale, Mass.
Kriegsmann, Eugen Frederick	1	- 1		22 Stanwood, St., Providence, R. I.
Kruse, Robert Louis, ΔΥ .	3	X	S	1845 Madison Road, Cincinnati, O.
Kudlich, Alfred Heinrich .	2		S	Drifton, Luzerne Co., Pa.
Lacey, Frank Herbert, B.S	3	V	S	518 Columbus Ave., Boston, Mass.
Lackman, Herman William, Y X	2	11		823 West Sixth St., Cincinnati, O.
Lage, Antonio Martius, B.S	4	VI		Rio de Janeiro, Brazil
Lage, Renaud, B.S., Ψ A K .	3	XIII		Rio de Janeiro, Brazil
Lamb, Arthur Becket, A.M		V	S	Attleboro, Mass.
Lamb, Sidney Rivers	1	11	S	18 E. Fortieth St., New York, N. Y.
Lambie, James McClurg .	1	11		Pittsburgh, Pa.
Lane, Frank George, 2 A E .	4	11		259 Vaughan St., Portland, Me.
Laney, Leon Karl	.1	-11	S	757 West Market St., Lima, O.
Lang, Alfred Ernest, Φ Γ Δ	3	IV		8 Green St., Lawrence, Mass.
Lang, Currier	2	1		24 Irving St., Cambridge, Mass.
Langley, Arthur Hooper .	3		S	92 Comstock Ave., Providence, R. I.
Langworthy, Frank Herbert	1	11		94 Hanover St., Lynn, Mass.
Larabee, Harold Davis .	4	VI		Bennington, Vt.
Latham, Bernard Wilson .	3	11		18 Pearl St., Willimantic, Conn.
Latshaw, William Herbert Mors	e 4	V	S	411 West Thirteenth St., Pueblo, Cal.
Lauffer, Raymond Abner .	2	VI		Manor Station, Pa.
Lawrence, Arthur Warner .	1	V	S	Bridgewater, Mass.
Lawrence, Ellis Fuller, S.B	Adv.	Standi	ng	16 Martin St., Cambridge, Mass.
Lawson, Charles Shelley, M.S.	4	VI		Mathews, Ala.
Lawton, Richard Mack, & BE	3	1		213 Pawtucket St., Lowell, Mass.
Lazenby, Paul Holme, AT .	3	VI	S	202 Goethe St., Chicago, Ill.
Leathers, William Halley, B.S.			S	Mapleton, Ia.
Leavitt, Charles Evans	-1	XIII		Weymouth, Mass.
Leavitt, Philip Amos	3	1	S	9 Beach St., Saco, Me.
Lee, John Josiah	2	I	S	Bucksport, Me.
Lee, Lawrence Hargreave .	3	VI	S	369 Hudson St., Buffalo, N. Y.
Leh, Harold Marcus	2	11	S	1006 Walnut St., Allentown, Pa.
Lenth, George Caspa. Doering	3	1		1215 West Grace St., Chicago, Ill.
Leonard, John Kelly	4	VI	S	11 Gordon St., Jamaica Plain, Mass.
Levine, Harry	2	. 1		6 Morton St., Boston, Mass.

Name and Society	Year	Course		Home Address
Lewis, Henry Francis	1	VIII		604 Huron St., Toronto, Canada
Lewis, Warren Kendall	1	11		Laurel, Del.
Libbey, George Eastman .	3	11	S	147 Wyoming Ave., Melrose, Mass.
Lind, Samuel Colville, A.B	4	V		McMinerville, Tenn.
Lindsly, Albert Joseph, Φ Γ Δ	3	- 1	S	2718 Forest Ave., Kansas City, Mo.
Lindsly, Ben Edwin, Φ Γ Δ .	F	111		2718 Forest Ave., Kansas City, Mo.
Litchman, Harold Bartlett .	4	III	S	Marblehead, Mass.
Littlefield, Emmett	3	1	S	60 Maple Ave., Troy, N. Y.
Livermore, Robert, A.B.	3	III		34 Alverston St., Jamaica Plain, Mass.
Lockett, Kenneth	4	11		44 E. Fiftieth St., Chicago, Ill.
Lombard, Albert Eaton, AKE	4	1		1805 Jefferson St., Kansas City, Mo.
Lombard, Eugene	1	XIII		Dedham, Mass.
Lombard, Norman, AKE .	1	H		1805 Jefferson St., Kansas City, Mo.
Longuemare, Theodore Adolph	1	1	S	805 East 147th St., New York, N. Y.
Loomis, Warren Weston .	1	VI		Windsor, Conn.
Lord, Clarence Arthur, & B E	1	- 1		522 S. Main St., Woonsocket, R. I.
Lord, Robert Howard William	1	11		56 Waverly Ave., Newton, Mass.
Lothrop, Percy Dunbar .	3		S	105 Mt. Vernon St., Boston, Mass.
Loughlin, Gerald Francis .	3	XII		16 Thornley St., Dorchester, Mass.
Loughlin, John Sherwood .	1	H		16 Thornley St., Dorchester, Mass.
Lounsbury, William C	3	VII	S	66 Montclair Ave., Roslindale, Mass.
Lovejoy, Roy F:sk	1	IX		813 Broadway, Lowell, Mass.
Low, Harry Raymond, Φ Γ Δ	3	III		234 West Elm St., Brockton, Mass.
Lowe, Russell Bryant, ΔΨ .	4	IX		Main St., Fitchburg, Mass.
Lowry, Harold Keyes	2		S	Milwaukee, Wis.
Luce, Robert Francis	1	1		12 Stevens Place, Melrose, Mass.
Lum, Elliot	1	VI		Aberdeen, S. D.
Luquer, Lynch, A.B	2	IV	S	3 Spruce St., Boston, Mass.
Lutze, Fred Clemens	1	IV		1434 N. J. Ave., Sheboygan, Wis.
Lynch, John Edward, Jr	1	11		10 Pinckney St., Boston, Mass.
Lynch, William Duncan .	2	V		10 Pinckney St., Boston, Mass.
Lynde, Harry Milton	1	1		90 Taylor St., Waltham, Mass.
Lyon, James Lawrence	3	H	S	320 High St., Central Falls, R. I.
Lyon, Waldo Vinton	1	VI		21 Providence St., Woonsocket, R. I.
Mabrey, Frederick Dill	2	VIII	S	116 Broadway, Norwich, Conn.
MacBriar, Wallace Noble	1	11		12 Fairmount St., Melrose, Mass.
McBurney, Henry, A.B	4	- 1		4 Chestnut St., Boston, Mass.
McCarthy, Alice	2	· V	S	12 Cedar St., Roxbury, Mass.
McCarthy, Charles Emmett .	4	X		High'd & Kenaza Av. Haverhill, Mass.
McClung, Samuel Alfred, Jr., X Φ	2	11	S	1180 Murray Hill Ave., Pittsburgh, Pa.

Name and Society	Year	Course		Home Address
McCornack, Clyde Webster .	3	I		1087 North Broad St., Galesburg, Ill.
McCornack, Walter Roby .	3	IV		1087 North Broad St., Galesburg, Ill.
McDougall, Thomas Gray, Σ A E	2	H		Alpine Pl., Walnut Hills, Cincinnati, O.
McEntee, William	3	XIII	A	Montgomery, Minn.
MacGregor, Roderick James	3	VI		South Lincoln, Me.
Machado, Joás Martins .	i	H	S	29 Newbury St., Boston, Mass.
McIntosh, Charles Jewell, ΔΨ	3	H	S	Racine, Wis.
McIntyre, Frederick William	4	VI	S	32 Second St., Chelsea, Mass.
McKechnie, Benj. Edward, Φ Γ Δ	4	111		Ponkapog, Mass.
McKelvey, Lucius Blaine, Σ X	3	111	S	Federal St., Youngstown, O.
McKenna, John Andrew .	3	11		Brierly Brook, Antigonish, N. S.
Mackie, Mitchell, Δ K E	1	VI	S	1103 Grand Ave., Milwaukee, Wis.
McLean, Robert Walter .	1	11		419 Cross St., Malden, Mass.
McManus, John Herbert .	1	XIII		2 Winter St., Dorchester, Mass.
McMenimen, William Vincent	3	1	S	80 Fourth St., Cambridge, Mass.
MacNaughton, Ernest Boyd	4	IV		3 Mt. Auburn Pl., Cambridge, Mass.
McQuaid, John Delaney	2	11		134 Dwight St., Holyoke, Mass.
Mäder, Will Thos. Patterson,	1			45 Cabot St., Beverly, Mass.
Madero, Emilio, Ψ A K .	4		S	Parras, Coahuila, Mexico
Magee, George Merrill .	2	IV	S	Wenham Depot, Mass.
Magnitzky, Albert Louis .	3	11		127 Ches't Ave., Jamaica Plain, Mass.
Magnuson, Mark Graham .			S	1909 Rondo St., M.Pk. St.Paul, Minn.
Mague, Francis Joseph .	4	I		18 Berwick Park, Boston, Mass.
Mahar, James Joseph	4	11		68 L Street, South Boston, Mass.
Mailey, Roy Davis	2	VIII	S	12 Howard St., Lynn, Mass.
Manahan, Robert Fulton .	3	III		14 Newbury St., Boston, Mass.
Manning, Chauncey Perceival	4	11	S	60 Highland St., Marlboro, Mass.
Manson, Arthur James	2	VI		23 Lindsay St., Dorchester, Mass.
Manson, Gyula Bennett .	3	III		200 Trenton St., East Boston, Mass.
Manta, Philip Prada	1	I	S	Provincetown, Mass. (Box 224)
Manter, Carlton Holmes .	1	IV		125 Broadway, Taunton, Mass.
Marcy, Grosvenor DeWitt .	1	11		103 Ocean St., Dorchester, Mass.
Mardick, John Rice	4	V	S	19 Bainbridge St., Roxbury, Mass.
Maroney, Agnes Teresa, A.B.	2	IX	S	52 Collins St., Lynn, Mass.
Marsh, George Everett, Jr	4	V	S	Georgetown, Colo.
Marsh, Richard Oglesby, Φ B E	1	1		Warsaw, Ill.
Marston, John Rufus	2	V	S	98 Mechanic St., Marlboro, Mass.
Martenet, Simon Jonas, Jr., Σ A	E 2	111	S	1503 E. North Ave., Baltimore, Md.
Martin, Arthur Safford .	3	111		35 Crescent Ave., Chelsea, Mass.
Martin, William Chaille, M.S.	4	V	S	Kyle, Texas
Marvin, George Adams .	1	11	S	Seattle, Wash.

Name and Society	Year	Cours	ie.	Home Address
Marvin, John Reginold .	4	11		88 Perry St., Brookline, Mass.
Marvin, Joseph Benson, Jr	1	V		903 Fourth Ave., Louisville, Ky.
Mason, E. Waterman, Jr., Ph.B.	3	IV	S	149 Waterman St., Providence, R. I.
Mason, Marquis Edgar	2	V		45 N. Lincoln Ave., Aurora, Ill.
Mason, Stephen Nickerson .	3	X		Wakefield, Mass.
Mather, George Everett .	4	XI		West Brattleboro, Vt.
Mathesius, Frederick, Jr	4	IV	S	398 Fifth Ave., New York, N. Y.
Matthies, William Hugo .	4	VI	S	Blumman 154, Hamburg, Germany
May, Herbert Schaw, ΔKE.	4	11	S	28 Alverston St., Jamaica Plain, Mass.
Mayer, Charles Benajah	1	IV		16 West Doty St., Madison, Wis.
Mayo, Robert, Jr	4	11		3727 Locust St., Philadelphia, Pa.
Mayo, Raymond J	4	11		44 Wood St., Lewiston, Me.
Mead, Edward Arnold	1	VI		33 South Main St., Milford, Mass.
Mears, Joseph Archibald, Jr.	3	VI		234 South Main Ave., Scranton, Pa.
Meggison, John Alexander .	1	VI		36 Pearl St., Cronesbury, Mass.
Mendenhall, Byard William .	4	VI		Springville, Utah
Meriam, Marshall Gage .	1	VI		Pepperell, Mass.
Merrick, Silas Clarence, X 4	3	11	S	1435 Third Ave., New Brighton, Pa.
Merrill, Alden	1	V.		16 Tremlett St., Dorchester, Mass.
Merrill, Ambrose Moody .	2	XIII		9½ Prospect St., Newburyport, Mass.
Merrill, Herbert Chandler .	3	X		38 Main St., Peabody, Mass.
Merrill, Jason I eslie, Ph.B.	2	V		139 Silver St., Waterville, Me.
Merriman, Fred Knights	2	. 1		134 Walnut St., Brockton, Mass.
Merrow, Harold Kay	1	1		13 Williams Ave., Hyde Park, Mass.
Merryweather, Hurbert, Δ Υ	2	III		639 Forest Ave., Cincinnati, O.
Metcalf, Edward Harris .	2	11		Haddon Hall, Berkeley St., Boston
Metcalfe, James Garrison, X Ф	2	I		1054 First St., Evansville, Ind.
Meyer, Edgar Lumley, Σ X .	1	V		St. Georges, Bermuda
Millar, Leslie Walker, Σ A E	4	XIII		116 W. Concord St., Boston, Mass.
Miller, Andrew Ottervon, AKE	2	VI		97 Sixth Ave., Brooklyn, N. Y.
Miller, Blaine Heston, A K E	3	1		1429 N. Penn St., Indianapolis, Ind.
Milliken, Frank Wellman .	2	1	S	39 Sycamore St., N'w Bedford, Mass.
Milliken, Humphreys	4	VI		Stratford Hotel, Washington, D. C.
Mitchell, Frank Kollock, Φ B E	4	X		53 Oak St., Hyde Park, Mass.
Mitchell, Harold Carlyle .	1	I	S	Ottawa, Canada (Box 317)
Mitchell, Harold William .	1			Mansfield, Mass (Box 484)
Mitchell, William Edward .	3	VI		Milton, Mass. (Box 141)
Mixer, Charles Galloupe, Δ Ψ	4	VII		180 Marlborough St., Boston, Mass.
Mixer, William Jason, △ Ψ .	4	VII		180 Marlborough St., Boston, Mass.
Mohler, David D	3	X		320 S. Sahwath, Color'do Spgs., Col.
Molina, Vicente	1	1		Merida, Yucatan, Mexico

Name and Society	Year	Course	p.	Home Address
Monsarrat, Charles Reginald	2	11	S	315 Broad St., East, Columbus, O.
Montgomery, Frank Park .	3	VI		3 Oxford Terrace, Boston, Mass.
Mooers, Ben Clayton	2	VI		1010 Fourth Ave., Seattle, Wash.
Moore, Louis Eugene, S.B	4	1	S	Boylston St., Chestnut Hill, Mass.
Moore, Lloyd Major	4		S	Frankfort, Ind.
Moorehead, Theodore Parker, X Φ	1	1		I. M. Customs, Foochow, China
More, Arthur Smith, Δ K E .	4	1		49 Edwards St., Springfield, Mass.
Morrill, Leon Gilbert	I	V	S	Norwood, Mass.
Morrill, Robie Walter	4	VI	S	Salisbury, Mass.
Morrison, Edward Stanley .	2	VI		411 Canal St., Lawrence, Mass.
Morse, Howard Scott	3	1		260 Ames St., Dedham, Mass.
Morse, John Henderson, B.A.	1	11	S	444 Mass. Ave., Boston, Mass.
Morse, John Russell	4	1		270 W. Newton St., Boston, Mass.
Morse, Margaret Fessenden	4	IX	5	Burroughs St., Jamaica Plain, Mass.
Morse, Robert Brooks, A.B.	3	1		1406 Mt. Royal Ave., Baltimore, Md.
Morse, Robert Wilbur	1	11		49 Holbrook St., Jamai'a Plain, Mass.
Moseley, Charles Bartlett, Ph.B.	3	XIII	S	Needham, Mass.
Motter, Wm. Duffield Bell, Jr., ΔΥ	1	1		711 Robidoux St., St. Joseph, Mo.
Mulherin, Charles Patrick, A.B.	3	I		1211 Green St., Augusta, Ga.
Mullaly, Felix	4	XIII	S	4 Ocean St., Dorchester, Mass.
Munroe, Walter Nathan .	1	VI		24 E. Cottage St., Roxbury, Mass.
Munster, August William .	2	11		25 Grant St., Waltham, Mass.
Murphy, James Albert	I		S	Picton, Nova Scotia
Murray, William D., A.B	2	1		Ocean Ave., Newport, R. 1.
Muzzy, Horace True	4	IV	S	72 Berkeley St., Somerville, Mass.
Myers, Leonard Fred	1	- 1	S	267 Glenwood Ave., Rochester, N. Y.
Nabstedt, Harry Martin .	1	1		1024 W. Ninth St., Davenport, Ia.
Nagel, Mortimer Livingston, E X	4	III	S	Buffalo, N. Y.
Nash, Arthur Edgar	4	X		Newton Highlands, Mass.
Neal, Clarence Atkins, Σ A E	3	- 1		318 Waldron Ave., Kansas City, Mo.
Needham, Harry Hampton .	2	VIII		156 Lagrange St., W. Roxbury, Mass.
Nelson, Arthur Thomas .	4	1		208 Princeton St., E. Boston, Mass.
Nelson, Edwin Eugene .	4	VI		85 Mansun St., Lowell, Mass.
Nelson, Harry Hawkins, Jr.	1	11		16 Myrtle St., Jamaica Plain, Mass.
Nettleton, Van Irving	3	1		3 Austin St., Longwood, Mass. [Cal.
Newman, Rolf Raymond .	3	I		1055 S. Figueron St., Los Angeles,
Newton, Samuel Bailey .	1	III		204 Spring St., Newport, R. I.
Nibecker, Claude Pendleton	3	XI		Glen Mills, Delaware Co., Pa.
Nichols, Albert Warren .	2	VI	S	South Hadley Falls, Mass.
Nichols, Arthur Richardson	4	IV		Cherry Valley, Mass.
Nichols, Charles Albert .				319 Wilder St., Lowell, Mass.

Name and Society	Year	Course	Home Address
Nichols, Robert Porter, A T	1	XIII	Searsport, Me.
Nicholson, Dow Hiram	1	1	531/2 Walden St., Roxbury, Mass.
Nickerson, Arthur Henry	4	11	17 High St., Newburyport, Mass.
Nidtch, Isadore	1	V	53 Oswego St., Boston, Mass.
Nields, Benjamin, Jr. Δ Ψ .	3	. 111	826 Market St., Wilmington, Del.
Niles, Elliot Wright	2	VIII	561 Boylston St., Boston, Mass.
Norton, Harold Lee	3	111	27 Pearl St., Medford, Mass. [Mass
Noyes, Harry Fordham .	2	III	251 Auburndale Ave., Auburndale
Nutter, Harry Godfrey .	4		
Nutter, Ralph Herbert .	3	11	8 Congress St., Lynn, Mass.
Nyce, Joseph Crawford .	2	VI	135 W. Canton St., Boston, Mass.
Obear, George Barrows .	4	VI S	6 640 Western Ave, Lynn, Mass.
Ober, Julius Edward, S.B.	Adv.	Standin	
O'Connell, George Paul .	4	1	188 Hampden St., Holyoke, Mass.
O'Connor, Arthur Wellington	2	11	West Bridgewater, Mass.
O'Connor, Martin Arthur .	2	II S	
Odell, John Ripley	4	V	581 Cass Ave., Detroit, Mich.
O'Leary, Frederick Alfonsus	-1		719 Whitney Ave., Wilkinsburg, Pa
Olmsted, Frederic Arthur .	3	X	13 Rockland St., Roxbury, Mass,
Onodera, Shyoichiro	1	II S	A
Ortseifen, Adolph John	2	XIII S	그 그 그리고 하는 사람이 아이들이 되었다면 하는데
Osborn, Harold	3	VI	Columbia, S. C.
Ovington, Earle Lewis .	2	VI	240 Emerson Pl., Brooklyn, N. Y.
Page, Homer Olson	1	11	27 College Ave., Adrian, Mich.
Page, Newell Caldwell .	4	VI	12 Horton St., Newburyport, Mass.
Page, Raymond Felt	1	V	507 Centre St., Newton, Mass.
Paine, Paul McClary, Φ Γ Δ.	2	HI	422 W. Biddle St., Baltimore, Md.
Paine, Wilfred Arnold .	3	IV S	23 Illinois St., Central Falls, R. I.
Palmer, Guy Prescott	2	1	135 Highl'nd Ave., Winchester, Mass
Palmer, Robert	2	VI	Larchmont, N. Y.
Palmer, Virgil Maro	3	11	142 Marcus Ave., Willimantic, Conn
Paquet, Victor Hugo	1	XIII	306 Hall St., Portland, Ore. [Turkey
Paraschos, George Theoplanes	4	I	Regie des Tabars, Constantinople
Parker, Edward Francis, Jr.	2	IX	3 Salem St., Reading, Mass.
Parker, Lovell Hallet	- 1	1	Osterville, Mass.
Parker, Paul Revere	3	XIII	24 Wendell St., Cambridge, Mass.
Parsons, Galt Fayette	1	VI	601 Guard'n Tr't Bld., Baltimore, Md
Patch, Claude Eldred	4	XIII	28 Lincoln St., Stoneham, Mass.
Patch, Emerette Ophelia .	4	VII S	
Patch, Ralph Reginald .	1	I	Stoneham, Mass.
Patten, Jane Boit	2	VII S	

Name and Society	Year	Course		Home Address
Payne, Frank Edward	1	XIII		14 Webster St., Winchester, Mass.
Payne, James Harvey	1	11		108 S. Fourth St., Willmington, N. S.
Peabody, Alfred	2	1X		19 Chestnut St., Salem, Mass.
그러나 있다니까 이 경영한 경영하면 취임하다 그렇게	Adv.	Standi	ng	317 Walnut Ave., Roxbury, Mass.
Pearson, Albert William .	3	VI	S	205 Park St., W. Roxbury, Mass.
Pearson, Philip Coombs .	4	V		7 Pond St., Newburyport, Mass.
Pease, James Chase	1	111		Church St., Merrimac, Mass.
Peaslee. Hiram Fred	3	111	S	Haverhill, Mass. (Box 4537)
Peiler, Karl Ernst	2	VI		56 Allen Place, Hartford, Conn.
Pelton, Ernest Williams, A.B.	3	- 11		31 Garfield Pl., Poughkeepsie, N. Y.
Pember, Walter Purton Ross	4	IV		15 Gage St., Needham, Mass.
Pemberton, Henry Augustus, X	Ф 3	- 11		230 Woodland Rd., Auburndale, Mass.
Pendill, Pierre Barbeau.	4	VI	S	401 N. Front St., Marquette, Mich.
Perkins, Arthur	1	1		23 Dearborn St., Salem, Mass.
Perkins, Grafton Brookhouse	1	V		203 Lafayette St., Salem, Mass.
Perry, Edward De Wolf .	1	XIII		5 W. 83d St., New York, N. Y.
Perry, George Wason	1	XIII		99 Brook St., W. Medford, Mass.
Perry, Roland Ambrose .	1	V	S	to Chestnut St., Medford, Mass.
Phalen, William Clifton, S.B.	4	ΧП	S	13 Sadler St., Gloucester, Mass.
Philbrick, Burton Garfield .	4	VII		32 Broad St., Newburyport, Mass.
Philbrick, Joseph :	4	X		32 Broad St., Newburyport, Mass.
Phillips, Lee	2	11		West Hanover, Mass.
Phinney, Robert Morris .	2	VI		Barnstable, Mass.
Physeck, Percy Howard .	1	1	5	35 Union Park, Boston, Mass.
Picard, Daniel Charles, B.A	3	V	S	Dutchtown, La.
Pierce, Fred Merton	2	11	S	Campello, Mass.
Pierce, Howard Leroy	2	1		Clayton, N. J.
Pirie, Frederick Alexander .	2	H	S	24 Bradstreet Ave., Revere, Mass.
Pitner, Paul Jerome	3	III	S	84 Huntington Ave., Boston, Mass.
Pitts, Earl Phelps	4	11		480 Main St., Fitchburg, Mass.
Pitts, James Albert	2	11		Quincy Mansion, Wollaston, Mass.
Place, Adolf Edwin	4		S	53 Sycamore St., Somerville, Mass.
Place, Clyde Richmond	4	11		Mount Upton, N. Y.
Poillon, Ernest Cornelius .	1			123 E. Seventh St., New York, N. Y.
Pollard, Edson Thompson .	4	11		Rutland, Vt.
Pond, Harry Bradford, Σ A E	4	1		Unionville, Conn.
Poole, Frederick Parsons .	1	VI		19 Concord Sq., Boston, Mass.
Poor, Edward Joseph		1		3 Holby St., Salem, Mass.
Pope, Robert Anderson .	4	IV	S	105 High St., Newburyport, Mass.
Porter, Arthur Peabody .		1		Bath, N. H.
Porter, Charles Huntington, A.B	. 4	VI		8 Green St., Providence, R. I.

Name and Society	Year	Course		Home Address
Porter, Sam Graham, A.B.	3	1	S	Kyle, Texas
Potter, Andrey Abraham .	3	VI	S	Vilno, Russia
Potts, Templin Morris, A 4 :	1	I	S	Lynchburgh, Va.
Pousland, Daniel Potter .	- 1	VI		8 Hancock St., Salem, Mass.
Powell, George Hardy, X 4	2	XIII		709 Park Ave., Baltimore, Md.
Prentiss, George William, Y A F	1 2	H		207 Elm St., Holyoke, Mass.
Prescott, Albert George .	1	VI		14 Whitman St., Dorchester, Mass.
Prichard, Charles Rollins .	1	11		17 Sagamore St., Lynn, Mass.
Prince, Albert Senior	- 1	X		108 W. Fourth St., Cincinnati, O.
Proctor, Redfield, Jr., AT	4	11	S	213 Aspinwall Ave., Proctor, Vt.
Proudfoot, Gordon McIntyre	2	- 1		3507 West St., San Diego, Cal.
Puckey, Francis Willard, S.B. 4	Ξ 4	IV	S	111 N. Franklin St., Wilkesbarre, Pa.
Pulsifer, Harrie Bridgman	3	V		Lebanon, N. H.
Pulsifer, Julia, A.B.	3	V	S	6 Hamilton Ave., Auburn, N. Y.
Putnam, Amy	2	VII	S	130 Highland St., Roxbury, Mass.
Randall, Fred Chelsey	4	VI		118 Coyle St., Woodfords, Me.
Rapier, John Bernard, B.S.	2	VI	S	Mobile, Ala.
Rapp, Louis Ballauf, AT .	3	111		1339 Chapel St., Cincinnati, O.
Rathbun, Eleanor Packer .	4	VII		424 Mass. Ave., Boston, Mass.
Rathbun, Frank De Graff	4	111	S	424 Mass. Ave., Boston, Mass.
Raymond, Frank	2	-11	S	Essex, Mass.
Raymond, Grace Huntington	-1	IV	S	North Arlington, Mass.
Read, Albert Manton, & B E .	2	- 11	S	63 Summit St., Pawtucket, R. I.
Read, Edward Mason, Jr	-1	111		5738 Cates Ave., St. Louis, Mo.
Redfield, John Howard	4	1		83 Pinckney St., Boston, Mass.
Redpath, Austin W				154 Lincoln St., Boston, Mass.
Reed, Frank Carleton, A.M	3	VI		Grove City, Pa.
Reed, Rufus Cook	2	III	S	Newburyport, Mass. (Box 59)
Reeder, Edwin C., S.B., E.M. 2	X 4		S	Calumet, Mich.
Regan, Francis White	1	V	S	49 Winchester St., Boston, Mass.
Regan, John Ward	3	11		49 Winchester St., Boston, Mass.
Regestein, Walter Philip .	3	V	S	92 Wyman St., Jamaica Plain, Mass
Reid, Josiah Elnathan	3	11	S	173 Lexington St., Boston, Mass.
Reinhardt, Jacob Brunn .	1	- 1	S	92 Plymouth Ave., Buffalo, N. Y.
Reynolds, David Solomon .	3		S	Sav La Mar, Jamaica, B. W. I.
Reynolds, Irving Wood	4	VI		254 Main St., Brockton, Mass.
Rhodes, George Irving	1	VI		Andover, Mass. (Box 311)
Rice, Edmund Augustus .	2	VI		71 Marion St., East Boston, Mass.
Rice, Philip Benard	3	VI		192 Summer St., Stamford, Conn.
Rice, Rowland Grenville .	2	XIII		192 Summer St., Stamford, Conn.
Rice, Winthrop Merton	4	XIII	S	192 Summer St., Stamford, Conn.

Name and Society	Year	Course		Home Address
Rich, Edward Benjamin, A.B.	2	VI		819 3d Ave., South, Fort Dodge, Ia.
Rich, Charles James	1	IV		15 Cottage St., Norwood, Mass.
Rich, Williston Canfield .	I	IX		Red Wing, Minn. [D. C.
Richards, Alexander Webster	2	VI		27 Virginia Ave., S. W., Washington,
Richards, George Chadwick .	2	XIII	S	30 Morton St., Andover, Mass.
Richards, Nathaniel Atherton	I	IV		Weymouth, Mass.
Richardson, Frederic L. W., A.B.	. 3	IV	S	Cottage St., Brookline, Mass.
Richardson, Henry Kneeland	2	VIII		10 Chatham Pl., Lynn, Mass.
Richardson, Max Currier .	2	1		Pelham, N. H.
Richmond, Waldemar Spaulding	1	1		76 Center St., Adams, Mass.
Ricker, Elmer Francis	3	IV		59 Bigelow St., Quincy, Mass.
Ricketts, Alfred Henry	3	V	S	367 Blackstone St., Providence, R. I.
Riddell, Guy Crosby	3	111		229 School St., Somerville, Mass.
Riebel, Elroy Clemens	2	IV	S	168 W. 9th Ave., Columbus, O.[Mass.
Riley, Francis Bradford .	1	1	S	15 Spring Park Ave., Jamaica Plain,
Rinearson, William Clements, Jr., 2	IX	11		Hamilton, O.
Rippey, Attwood Eugene .	1	III		Powell St., Brookline, Mass.
Ritchie, Andrew Eliot, $\Delta \Psi$.	4	11		268 Walnut St., Brookline, Mass.
Rivitz, Seymour Moses	1	1	S	13 Ashland St., Boston, Mass.
Robbe, Louis Ernest	I	1		Peterboro, N. H.
Robbins, Frank Ambrose, Jr.	4	11		451 Main St., Springfield, Mass.
Robbins, Joseph Drew, B.S	4	X	S	Robbins Station, Westind Co., Pa.
Roberts, Albert Arthur	1	VI		Rochester, N. H. (Box 68)
Roberts, Arthur Osborne .	2	XIII		Winter St., Salem, Mass.
Robertson, Winfred Franklin	3	V	S	Hinsdale, N. H.
Robinson, Edwin Sprague .	1	X		36 Fairfield St., N. Cambridge, Mass.
Robinson, John Albert	4	X	S	Canton, Mass.
Rockwood, Edward Farnum, Σ A	E 2	11		961 Beacon St., Newton Centre, Mass.
Rodgers, Charles Loring, A T	2	H	S	115 Oak St., Binghamton, N. Y.
Rogers, Anne Fuller	2	VII	S	126 Newbury St., Boston, Mass.
Rogers, Gardner, AT	4	VI		1061 Beacon St., Brookline, Mass.
Rogers, George Dennison .	4	VI	S	109 Prospect St., Gloucester, Mass.
Rogers, James Earl	1	XIII		Wrentham, Mass.
Rogers, Rutherford Hayes .	3	X	S	566 Mass. Ave., Boston, Mass.
Roland, John Wilson, B.A.	2	1		Aylesford, Nova Scotia
Rollins, Harry Tebbetts .	2	11		721 Third St., Des Moines, Ia.
Root, Franklin Tinker, A Y .	4	X		100 Harrison St., E. Orange, N. J.
Roper, Walter Frederic, & B E	3	11	S	Hopedale, Mass.
Ropes, Fanny	2	IV	S	114 Federal St., Salem, Mass.
Ross, George Allen	4	IV	S	Westmount, Montreal, Canada
Rott, Walter Christian	3	11		4728 Wallingford St., Pittsburgh, Pa.

2010		_	_	
Name and Society	Year	Cours	e	Home Address
Rowe, Henry Woodbury .	2	IV		185 Jackson St., Lawrence, Mass.
Runnels, Scott Clark, Y A E .	1	VII		203 N. Meridian St., Indi'apolis, Ind
Rupf, Ernest Louis	2	11		128 Union St., Lawrence, Mass.
Russell, Arthur Edmunds	1	11		2 Franklin St., Medford, Mass.
Russell, Eugene Haines, Jr	2	1		3474 Frankford Ave., Philadelp'a, Pa
Russell, Henry Harding, YX.	1	VI		60 Park St., Brookline, Mass.
Russell, Lester Asa	2	VI		331 Wilder St., Lowell, Mass.
Ruxton, Edward James	3	11		Ludlow, Mass.
Sabin, Jay Horace	4	III	S	140 Huntington Ave., Boston, Mass
Sammet, Charles Frank	3	V		73 Sheridan St., Jamaica Plain, Mass
Sammis, Theodore Augustus, J	1 1 7 7	11	S	714 Hawth'ne Ave., Minneap's, Minn
Sanborn, George Warren .	2	11	S	31 Austin St., Hyde Park, Mass.
Sanborn, John Royal	2	VI		Bdy. and Powell Ave., Newport, R. I
Sarratea, Roberto Brown .	1	111	S	121 Newbury St., Boston, Mass.
Saville, Charles, Jr	2	XI		Waban, Boston, Mass. [Mass
Sawin, Frederic Van Beuren .	1	IX		11 Windham St., West Somerville
Sawyer, Arthur Harold, Ф Г Δ	4	111	S	3 Brantwood Road, Arlington, Mass
Sawyer, Charles Adrian, Jr., 4 B		111		107 Dearborn St., Chicago, Ill.
Sawyer, Ralph Wainwright .	1	H		76 Coolidge St., Lawrence, Mass.
Scannell, Frank Timothy	2	II	S	535 Westford St., Lowell, Mass.
Schaefer, Henry Christian, Σ A		I	S	655 Oak St., Buffalo, N. Y.
Schaefer, Hans Frederick, A V	1	III		Luray Av., Walnut Hills, Cincinnati, O
Scherrer, Herman Adolph .	3	IV		715 Union St., Indianapolis, Ind.
Schlemm, Leonard Ernest .	3	1	S	81 Francis St., Brookline, Mass.
Schlesinger, Bart Ernest, S.B.	7.10.17.70.11	Standi	ing	Warren St., Brookline, Mass.
Schlesinger, Marion McBurney	3	V	S	Warren St., Brookline, Mass.
Schmidt, Caspar Anthony .	3	Ш		387 Erskine St., Detroit, Mich.
Schofield, Lane	1	III		Albermarle Road, Newtonville, Mass
Scholtes, Alexander Joseph .	1	IV	S	22 Orchard Place, Dorchester, Mass
Schonthal, Derso Clarence .	1	11		242 West Eighth Ave., Columbus, O
Schumacher, Waldron P.	2	III		1 Beach St., Wollaston, Mass.
Schwartz, Melvin Humbert	2	IX		Weston, Mass.
Scofield, Edward Candee .	3	XIII		Sound View, Stamford, Conn.
Scott, George William	1	XIII		220 Forest St., Medford, Mass.
Scott, John Russell, B.A.	4	11	S	The Firs, Follow'ld, Manchester, Eng
Scudder, Oliver Porter	3	XIII		60 Wyman St., Brockton, Mass.
Seaver, George Tilly, A T	4	1		214 Thames St., Newport, R. I.
Sears, Thomas Everett	3	11		123 Court St., Plymouth, Mass.
Sears, Walton Harvey	4	II		8 Irving St., Arlington, Mass.
Seaver, Samuel	1	XIII		Waban, Mass.
Segar, Ralph LeRoy	1	VI		7 Granite St., Westerly, R. I.

Name and Society	Year	Course		Home Address
Senger, Richard Warren	1	III		Port Jervis, N. Y.
Sephton, Cecilia Hilda	2	VII	S	91 Regent St., Boston, Mass.
Severy, Frank Joseph, A.B	2	1	S	Chase's Mills, Me.
Seyms, George Beach, AT .	3	11	S	181 Collins St., Hartford, Conn.
Seyms, Robert Wyndham, A T	1	III		181 Collins St., Hartford, Conn.
Shapira, Samuel	1	III		80 Green St., Boston, Mass.
Shaw, Brackley Azel	3	XII	S	77 Englewood Ave., Brookline, Mass.
Shaw, Chester Roy	1	VI		Brockton, Mass.
Shaw, George Herbert	3	X	S	Belmont, Mass.
Shaw, John Whitman	2	Ш		154 Clifton St., Malden, Mass.
Shaw, Robert Gould, Jr., A.B.	2	VI		Wellesley, Mass.
Shaw, Thomas	1	VI		Billington St., Plymouth, Mass.
Sheafe, Calvin Richards .	2	11		Harvard, Mass.
Sheafe, James Smith, B.S., Y X	3	11		1017 Queen Anne Ave., Seattle, Wash.
Shedd, Charles Levi	4	I	S	Portsmouth, N. H. (Box 1072)
Sherman, Frank Arnold .	3	III		96 Granite St., Westerly, R. I.
Sherman, Herbert Leslie .	4	V		Belmont, Mass.
Sherrill, Harold Walter, Y X .	2	- 1	S	75 Wash. St., Poughkeepsie, N. Y.
Sibbett, George Ewing	3	11	S	6 Cedar St., Bellevue, Pa.
Siebrecht, Henry Benjamin .	1	VI		335 Broadway, Astoria, N. Y.
Silverman, Abraham Jacob .	1	III		36 Paris St., East Boston, Mass.
Simmons, Herman Roswell .	2	11	S	178 Lexington Ave., Providence, R. I.
Simon, Jay Bear, B.S	4	Ш	S	842 Nineteenth St., Rock Island, Ill.
Simonds, Clark David	2	VII	S	Manchester, Vt.
Simonds, Fred Washburn .	1	I		52 Shawmut Ave., Marlboro, Mass.
Simons, Russell Bissell	2	XIII		12 High St., Greenfield, Mass.
Simpson, Horace Gardner .	3.	IV		22 Chestnut St., Chelsea, Mass.
Sîmpson, Willard Eastman .	1	XIII		San Antonio, Texas (Box 765)
Sisson, Charles Hamilton, A.B., A	r 4	III		Langham Hotel, Boston, Mass.
Slocum, Arthur Gaylord, Jr., A.B.		VI	S	Kalamazoo, Mich.
Small, Harry Alonzo Campbell	2	XIII	S	23 Norman St., Salem, Mass.
Smart, Charles Edwin	2	11		38 Conway St., Greenfield, Mass.
Smart, William Fuller	ι	IV		Lewiston, Me.
Smith, Albert Howell	1	XIII		87 Broad St., Malden, Mass.
Smith, Albert Loomis	1	V		Wenham Depot, Mass.
Smith, Alfred Dennett	1	III	S	200 W. 139th St., New York, N. Y.
Smith, Arthur Ditson	2	V		38 Falcon St., East Boston, Mass.
Smith, Charles Alfred, A K E	4	Ш		Oconto, Wis.
Smith, Charles John	3	VI	S	49 Burroughs St., Jamaica Plain, Mass.
Smith, Converse	1	I		75 Lincoln St., Waltham, Mass.
Smith, Daniel Arthur, Jr.	3	VI	S	29 Mary St., Newport, R. I.

Name and Society	Year	Course	e	Home Address
Smith, Edgar Field, A.B.	2	1		Saxton's River, Vt.
Smith, Edwin Lawrence, X 4	F	VI		800 Pabst Building, Milwaukee, Wis
Smith, Francis Fay Hill .	4	11	S	Falmouth, Mass.
Smith, Frank Arthur	3	11		18 Orange St., Newburyport, Mass.
Smith, Horace Millikin	3	11		Terre Haute, Ind.
Smith, James Woodberry	4	I		Lexington, Mass.
Smith, John Monroe	3	1		Irvona, Pa.
Smith, Leon Hills	2	IV		34 Orchard St., Leominster, Mass.
Smith, Lowell Eldridge	3	Ш	S	187 Chestnut St., Chelsea, Mass.
Smith, Mortimer Fuller .	2	III	S	232 Ocean St., Lynn, Mass.
Smith, Philip Reeder, X 4	3	11	S	2316 Grand Ave., Milwaukee, Wis.
Smith, Preston Morris, AKE	2	X		1615 W. Genesee St., Syracuse, N. Y
Smith, Sidney Alfred	1	V		500 E. Sixth St., Jamestown, N. Y.
Smith, Theodore Lincoln .	1	11		Concord, Mass.
Sneeringer, William James, Jr.	1	III	S	1315 N. Charles St., Baltimore, Md.
Snow, Edwin Bertrand, Jr	1	VI		Medfield, Mass.
Snydacker, Arthur Godfrey .	2	VII	S	38 St. Botolph St., Boston, Mass.
Soares, Paulo de Moraes Sarment	1 01	1	S	Rera Bambina 23d, Rio de Janeiro
Sohier, Walter	3	H	S	Concord, Mass. Brazi
Solomon, Benjamin David .	3	VI		681 Shawmut Ave., Boston, Mass.
Spalding, George Riddell .	3	V		7 Brown Sq., Newburyport, Mass.
Spalding, William Livingston	1	Ш		1039 Middlesex St., Lowell, Mass.
Spargo, John Nicholas	2	VI		548 Twenty-fifth St., Ogden, Utah
Spaulding, Henry Seville .	1	1		Ipswich, Mass. (Box 66)
Spear, George Morton, ⊕ Z .	4	XIII	S	576 Westford St., Lowell, Mass.
Spencer, Arthur Earle	1	111		30 Mt. Pleasant Ave., Roxbury, Mass
Sperry, Charles Stillman, Jr., A 4	2	1		263 S. Fifteenth St., Philadelphia, Pa
Spilman, John A	3	XIII	A	101 West Main St., Richmond, Va.
Sprague, Forest Otho	1	V		203 Main St., Haverhill, Mass.
Sprague, Nathaniel, Jr	4	VI		57 Hancock St., Lanesville, Mass.
Stanhope, William Edward .	3		S	14 Broadway, Newport, R. I.
Staples, Carl	1	III		Asbury Temple, Waltham, Mass.
Staples, Percy Alexander, A K E	2	1		136 Free St., Portland, Me.
Staples, Walter Allan	1	VI	S	130 Princess St., St. John, N. B., Can
Starbird, Chester Bates .	2	VI	S	35 Fifteenth St., Buffalo, N. Y.
Starr, Clarence Douglass .	4	- 11		16 Richards St., New London, Conn
Stebbins, Charles Henry .	2	V		113 Malvern St., Melrose, Mass.
Stebbins, Horatio Ward, A.B.	4	11		20 Elmwood Ave., Cambridge, Mass
Stebbins, Roger Pierce	1	XIII		862 South St., Roslindale, Mass.
Steel, Edward Thomas, 2nd, A 4		П		Chappagua, Westchester Co., N. Y.

Name and Society	Vear	Course	80	Home Address
Steinrok, Charles Leonard .	2	XIII		1217 Warnock St., Philadelphia, Pa.
Stetson, Edward Everett .	2	1		Mattapoisett, Mass.
Stetson, Harold Clapp, Φ Γ Δ	2	VI		Walpole, Mass.
Stevens, Henry Warren	2	VI	S	14 Kendall St., South Gardner, Mass.
Stevens, Howard Leslie .	2	XIII		11 Everett St., Middleboro, Mass.
Stevens, Samuel Spaulding .	1	111		11 Liberty St., Salem, Mass.
Stevenson, Lucy Marion .	3	VIII		45 Princeton St., Lowell, Mass.
Stickney, William, A.B.	2	1	S	31 Nassau St., New York, N. Y.
Stiles, Harry Alland	3	III	S	52 Summit Ave., Allston, Mass.
Stimson, Henry Stanton Bogue	4	VI		10 Youngton Ave., Pittsford, Vt.
Stockman, Orlando Sargent	4	111		Newburyport, Mass.
Stoddard, Ava Marcella	3	1X		4 Thwing St., Roxbury, Mass.
Stoddard, Edna Dwinel .	3	IV		4 Thwing St., Roxbury, Mass.
Stone, Mary Gray	4	VII	S	18 Chestnut St., Boston, Mass.
Stover, Charles Clark	4	H		62 Congress St., Amesbury, Mass.
Stow, Kent Tillinghast, Σ A E	4	11	S	50 Richmond Ave., Buffalo, N. Y.
Stresau, Richard	2	VI		Hohenz'npl'z 48, Frankf't a/M, Ger'y
Strickland, Sidney Talbot, A T	1	1	S	Sumner Pond, Brookline, Mass.
Strong, Homer David .	3	V	S	30 Walnut St., Winsted, Conn.
Sturtevant, Edwin Whitman, X 4	4	11		2950 Calumet Ave., Chicago, Ill.
Stutz, Walter Francis, B.A.	2	VI		122 Huntington Ave., Boston, Mass.
Sullivan, Patrick Joseph .	1	V		155 Saratoga St., Lawrence, Mass.
Sullivan, Richard Thomas .	2	1	S	300 Elliott St., Newton Up. Falls Mass
Sumner, Warren Ellis	3	X		42 Allen St., Brockton, Mass.
Sutton, David, Jr., B.S	2	1	S	Richmond, Ind.
Swan, Arthur Eugene	4	VI		25 Waban St., Roxbury, Mass.
Swanton, Henry Aiken, S.B.	3	XIII	S	1 Regent St., Roxbury, Mass.
Sweet, Arthur Jeremiah, A.B.	2	VI	S	Utica, N. Y. (Box 217)
Sweetser, Albert Edwin .	2	11	S	231 Pleasant St., Brockton, Mass.
Sweetser, Harold Ricketson	1	V		11 Ackron St., Roxbury, Mass.
Sweetser, Philip Starr	2	VI		77 Griffin Ave., Newton Hglds., Mass.
Swenson, Omar Stephen .	2	IV	S	340 N. State St., W. Concord, N. H.
Swett, George Wright	3	H		1851 Mass.Ave., N.Cambridge, Mass.
Tadgell, Alfred Edward .	1	VI		34 Northend Ave., Salem, Mass.
Taft, Theodore Howard	4	11	S	32 Avon Hill St., N. Cambridge, Mass.
Tarbett, Ralph Edwin	1	I		5 Washington St., Stoneham, Mass.
Taylor, Floyd Thomas	3	VI		120 East 34th St., New York, N. Y.
Taylor, Grant Sterne	4	1	S	32 Cranston Ave., Newport, R. I.
Taylor, James Lookermann, Jr., $\Delta \Psi$	4	1		71 Wall St., New York, N. Y.
Taylor, Warren C	4	1, XI		19 Maple St., Arlington, Mass.
Taylor, Webster Haverstock, $\Phi\Gamma\Delta$	1	XI	S	9 Forest St., Roxbury, Mass.

Name and Society	Year	Course		Home Address
Taylor, Winfred Albert, Φ Γ Δ	1	1		15 Allyn Place, Lawrence, Mass.
Teague, Walter Owen	4	XIII		180 Mammoth St., Lowell, Mass.
Tebbets, James Hargraves .	1	11		Somersworth, N. H.
Tenney, William Field .	2	1	S	West Acton, Mass.
Ternan, Terence Briefri .	1	111	S	68 Oak St., Hyde Park, Mass.
Thatcher, Edward Gordon, YA	E 4	V		Middleboro, Mass.
Thomas, George Carlyle .	1	11		31 Concord Square, Boston, Mass.
Thompson, Edward Cutter, Σ X	3	11	S	697 Columbia Road, Boston, Mass.
Thompson, Herman Ellis .	2	11		298 Pawtucket St., Lowell, Mass.
Thompson, Leigh Adair .	-1	VI		Bridgewater, Mass. (Box 106)
Thorp, Lambert	-1	V		512 Prospect Pl., Av'le, Cincinnati, O
Thurlow, Oscar Gowen .	2	.1		15 Oak St., Newburyport, Mass.
Thurston, Ralph Emery .	4	VI		344 Highland Ave., Fall River, Mass
Thwing, LeRoy Livingstone	- 3	11	S	Somersworth, N. H.
Titcomb, Rowland Elbert .	3	XIII	S	Rowley, Mass.
Todd, William Newman .	2	VI		71 Middle St., Newburyport, Mass.
Tolman, Charles Prescott .	4	VI		755 Wash. St., New Dorchester, Mass
Tolman, Richard Chace .	3	X		84 Highland St., West Newton, Mass
Tompkins, Maurice Crawford	2	1		719 Boylston St., Boston, Mass.
Tompson, George Morris, Jr.	2	I		Parker Road, Wakefield, Mass.
Tower, Gilbert Sanders .	1	XIII		Cohasset, Mass.
Towne, Lillian May	2	XII	S	89 Surrey St., Brighton, Mass.
Towne, Willis Harvey	4	- 11		Gardner, Mass.
Townsend, Gilbert	4	IV		42 Carleton St., Newton, Mass.
Trip, Edwin Pool	2	11		Westport, Mass.
Trowbridge, Henry Otis .	4	11		15 Peabody St., Newton, Mass.
Trowbridge, William Waldo .	2	III		40 Cross St., West Newton, Mass.
True, Albert Otis	1	XI		3 Bowdoin St., Newton High'ds, Mass
Truelson, George Adolph .	2	IV	S	Petaluma, Cal.
Tsurata, Katzuzo	1	11	S	7 gr. Shibu Park, Tokio, Japan
Tuck, William Oliver, Jr	1	III		Haverhill, Mass.
Tufts, William	- 1	I		56 Dwight St., Boston, Mass.
Turgeon, Fremont Nelson .	2	111		7 Com'w'lth Ave., Gloucester, Mass
Turner, Everett Pendleton, AT	4	VII	S	239 Pleasant St., Arlington, Mass.
Turner, George Englemann, 4 B	ET	1	S	717 Garrison Ave., St. Louis, Mo.
Turner, Howard Chubbuck, A T		XIII		Arlington, Mass.
Turner, John Bice, & B E	4	1	S	717 Garrison Ave., St. Louis, Mo.
Turner, LeBaron	1	1		Geneva, Ill.
Turner, Robert Nathaniel .	1	1		54 Fiske St., Waltham, Mass.
Turner, Waldso, AT	-1	VI		Station A, Dallas, Texas
Turner, William Camillo .	1	11		35 Broad St., Boston, Mass.

Name and Society	Year	Course	e	Home Address
Underhill, Charles Francis .	2	X		72 Esmond St., Dorchester, Mass.
Underwood, Lawrence H., Σ A E	3	III		2951 Vernon Ave., Chicago, Ill.
Upham, Everett Lyman .	4	IX		East Woodstock, Conn.
Upham, Harry Warren, AT	1	1X		285 Clifton St., Malden, Mass.
Urquidi, Juan Francisco .	1	1		180 Columbus Ave., Boston, Mass.
Valiquet, Harry Howell .	3	11	S	28 Baltimore St., Lynn, Mass.
Vatter, Wilbur Lewis	4	VI		22 Albion St., Lawrence, Mass.
Vaughan, Louis Edgar .	4	IV		28 Williams St., Worcester, Mass.
Vinal, Leslie Thorning, A.B.	3	V	S	9 Aldersey St., Somerville, Mass.
Vosbury, Winifred DeWitt .	2	- 11		73 Main St., Binghamton, N. Y.
Walcott, Stuart Lanier .	2	VII	S	Indianapolis, Ind.
Wald, George Gustav	1	III		40 Montrose St., Somerville, Mass.
Wales, Frederick Charles .	1	1	S	114 Elliot Ave., W. Newton. Mass.
Wales, Royal Linfield	4	X		Haverhill, Mass.
Walker, Albert Willard .	1	XI		Marlboro, Mass.
Walker, Elisha, B.A.	4	XIII		7 W. Thirtieth St., New York, N. Y.
Walker, Henry Samuel, Jr	1	1		81 Maple St., Malden, Mass.
Walker, Herbert Samuel, A.B.	4	V	S	5604 Jackson Ave., Chicago, Ill.
Walker, Hiram LeRoy .	1	11		5 State St., Peabody, Mass.
Wallace, Charles Marmont .	2	1	S	391 Angell St., Providence, R. I.
Wallon, Lewis Arthur	2	VI	S	133 Sycamore St., Somerville, Mass.
Ware, Raymond	1	XIII		11 Sayward St., Dorchester, Mass.
Ware, Samuel Langmaid .	1	XIII		103 Thurston St., Somerville, Mass.
Warner, Mary Elizabeth .	3	IV	S	6 Hillside Park, Somerville, Mass.
Warren, Clark Edward .	1	11		18 S. Spring Ave., La Grange, Ill.
Warren, Mary Eva	2	VII	S	Weston, Mass.
Wastcoat, Edward	3	111		140 Middleboro Ave., Taunton, Mass.
Wastcoat, Roy Washburn .	1	VI		140 Middleboro Ave., Taunton, Mass.
Waterman, William, Jr.	3	X	S	5810 Rosalie Court, Chicago, Ill.
Weaver, Earll Chase	1	1		121 Green St., Syracuse, N. Y.
Weaver, Maurice Edgar .	2	VI		2405 32d St., Washington, D. C.
Webster, Arthur Stanley .	2	11	S	25 Greenville St., Roxbury, Mass.
Webster, Frank DeWolf .	1	1		15 Chapman St., Greenfield, Mass.
Weeks, Angelina Louisa, A.B.	3	VII	S	1 Newman Way, Arlington, Mass.
Weeks, Paul, B.Sc	4	11	S	1327 H St., Lincoln, Neb.
Wehner, Louis	3	XIII	S	11 Yarmouth St., Boston, Mass.
Welch, Edward Oscar	1	11	S	1 Collins St., Salem, Mass.
Welch, William Wells	4	111		Robertson St., West Quincy, Mass.
Weld, Lydia Gould	4	XIII	S	Falmouth, Mass.
Wellman, Walter Jesse	4	IV		East Jaffrey, N. H.
Wells, Albert Warren	2	III		335 South Sixteenth St., Quincy, Ill.

Name and Society	Year	Course	e	. Home Address
Wells, Chester Harold	4	XI		32 Orchard St., Lawrence, Mass.
Wells, Percy Leonard	1	1		83 Hall St., Waltham, Mass.
Welsh, James W., A.B.	3	VI		156 S.Yellow Spr'gs St. Springfi'd, O
Wemyss, Duncan	4	H	S	29 Ames St., Somerville, Mass.
Wendel, Conrad	4	1		201 E. Hemlock St., Hazelton, Pa.
Wentworth, Henry Azor .	1	VIII		104 Chatham St., Lynn, Mass. [Mass
Wentworth, Reginald Andrew	2	11		121 Raymond St., North Cambridge
Wertheimer, Milford, X 4 .	3	111	S	145 East 61st St., New York, N. Y.
Westcott, Henry Wilmarth .	4	11		Hopedale, Mass.
Wetherbee, Florence Louise .	2	V		2 King St., Worcester, Mass.
Wetmore, Wade Lyndon .	4	11		Winthrop St., Essex, Mass.
Weymouth, Albert Pierce .	2	1		25 Mather St., New Dorch'ster, Mass
Wheat, George Neville, B.S.	2	IV	S	Rock Springs, Texas
Wheeler, Mildred Frances .	1	VI	S	122 Elm St., Marlboro, Mass.
Whipple, Leyland Clement .	2	V		Wellesley, Mass.
Whitaker, William G. H., Jr.	2	VIII		117 Brownell St., Providence, R. 1.
Whitcomb, Ralph Nims .	1	- I		3 City Hall, Keene, N. H.
Whitcomb, William Henry .	3	V		13 Windsor St., Roxbury, Mass.
White, Bertram Nash	1	1		Machias, Me.
White, Edward Wallace .	3	V	S	47 Whittier St., Andover, Mass.
White, Frederick Sanford .	1	1		South Coventry, Conn.
White, John Aloysius	1	I		11 Phillips St., Salem, Mass. [Mass
White, Jules Edward	2	1		36 Florence Ave., Arlington Heights
White, Robert, Jr.	4	VI		321 Hanover St., Boston, Mass.
Whitehead, Walter	3	V	S	99 Park St., Medford, Mass.
Whiting, George William Carlyle	2	I	S	Merchants' B'k Bldg., Baltimore, Mc
Whiting, Horatio	1	VI		2 Gleason St., Dorchester, Mass.
Whitman, Kilborn, Jr	1	1		109 Walnut Ave., Roxbury, Mass.
Whitmarsh, Alfred Lamson .	1	11		Abington, Mass.
Whitmore, James Bryant .	1	11		1050 East Market St., Akron, O.
Whitmore, Walter	2	VI		236 Merrimac St., Newb'ryp't, Mass
Whitney, Harrie Lawrence .	1	1		South Framingham, Mass.
Whitney, Harrison Allan .	2	IV		1569 Harvard St., Chicago, Ill.
Whitney, Philip Richardson .	4	IV		74 Waban Park, Newton, Mass.
Whitney, Robert F., Φ Γ Δ .	3			3 Mystic Ave., Winchester, Mass.
Whittemore, Walter Lawrence, Jr.	1	III	S	415 Newport Ave., Wollaston, Mass
Whittet, Rufus Mason	4	XI		31 Wentworth Ave., Lowell, Mass.
Wiard, Oliver Martin, A.B.	2	IV		New Britain, Conn.
Wiggin, Harry	1	11		154 Mountain Ave., Malden, Mass.
Wilder, Fred Hall	2	111		610 Main St., Bennington, N. H.
Wilkiemeyer, Frederick Joseph, A		ı V	S	735 Saratoga St., Newport, Ky.

Name and Society	Year	Course	ė	_ Home Address
Willard, Arthur Cutts	2	X		1813 13th St., N.W. Washington, D.C.
Willcomb, George Edward .	2	XI		134 Chestnut St., Chelsea, Mass.
Williams, Clarence Benton, A K	E 2	VI		5 Kemble St., Utica, N. Y.
Williams, Elizabeth Langdon	4	VIII	S	59 Clark Ave., Chelsea, Mass.
Williams, Irving	4	11	S	77 Arlington Ave., Providence, R. I.
Williams, Louis Ezra	4	11		Duluth, Minn.
Williams, Ralph Brown .	3	111		89 Federal St., Salem, Mass.
Williams, Robert Seaton .	4	V		189 St. Botolph St., Boston, Mass.
Williston, William High .	4	11		3 Monmouth St., Somerville, Mass.
Wilson, Daniel Scott	3	VI	S	Concord Junction, Mass.
Wilson, Frank Stetson	2	I		209 Dudley St., Roxbury, Mass.
Wilson, George Davis, A.B., 2Al	E 3.	1		318 S. First St., Clarksville, Tenn.
Wilson, Lewis Gamaliel, A.B.,	EAE 3	IV	S	318 S. First St., Clarksville, Tenn.
Wilson, Wilbur Thomas .	1	I	S	74 High St., Woburn, Mass.
Winchester, Henry Thornton, Φ	BE 3	VI	S	20 Bradlee St., Dorchester, Mass.
Wing, William Lawton	3	H		34 Purchase St., New Bedford, Mass.
Wood, Austin Clarence, AKE	4	IV	S	7 Florida St., Dorchester, Mass.
Wood, Edwin Thomas	2	11		5 South Main St., Concord, N. H.
Wood, Ellis Gray	1	11		38 Academy St., Arlington, Mass.
Wood, George Babcock, Δ K E	3	11		7 Florida St., Dorchester, Mass.
Woodbury, Ezra Ernest .	. 1	1		9 Northey St., Salem, Mass.
Woodward, Clifford Brooks .	3	IV	S	Glendale, O.
Worcester, Samuel Thornton	2	V		65 Thomas St., Portland, Me.
Wright, Charles Lawrence .	4	X		16 Tudor St., Lynn, Mass. [Mass.
Yerxa, Ralph Benjamin .	3	111		32 Pemberton St., North Cambridge,
Yoder, Bartolette Artman .	2	1		614 North 22d St., Omaha, Neb.
Young, Robert Libbey	1	V		496 Main St., Haverhill, Mass.





Acknowledgments



THE Board of Editors of Technique 1902 desires to make formal acknowledgment to the following persons for aid rendered by them in the compilation of this book:

In Beneral

THE MEMBERS OF THE FACULTY, THE TECHNOLOGY CLUB, PRESIDENT PRITCHETT, DR. H. W. TYLER, W. HUMPHREYS, MISS E. C. SAUL.

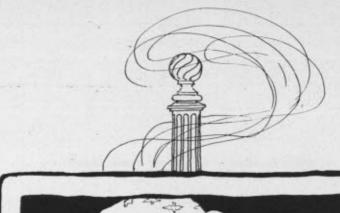
Literary

PRESIDENT PRITCHETT, DR. TYLER, I. RAYNE ADAMS, G. H. CLARK, C. S. SPERRY, Jr., G. B. PERKINS, F. H. HUNTER, MRS. KING, E. S. BAKER, L. W. MILLAR, E. G. GOODWIN.

Artistic

I. R. Adams, W. T. Aldrich, Wm. Barber, H. E. Bartlett, E. B. Bird, J. F. Clapp, B. S. Clark, F. A. Colby, F. N. Emerson, J. C. Fruit, F. C. Garber, W. R. Greeley, I. B. Hazelton, L. R. Henrich, F. C. Hirons, R. M. Hood, A. D. Jenkins, Le R. E. Kern, Benjamin Kimball, R. Lage, E. F. Lawrence, E. B. MacNaughton, F. B. Masters, F. Nickerson, A. J. Scholtes, H. Sherrer, H. G. Simpson, S. W. St. Clair, L. E. Vaughan, W. J. Wellman, P. R. Whitney, A. C. Wood.

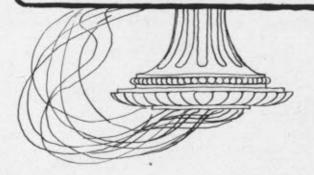
¶ The Board wishes especially to thank The Technology Club for so generously providing it with a meeting place.







In Memoriam.



LRK.

In Memoriam

Charles Frederic Usber, '04

March 24, 1881 # Hugust 6, 1901



He died in the effort to save another



											PAGE
ACKNOWLEDGMENTS .				*	33	- 55	-				345
Administrative Officer:	S		4				94				12
Advertisements .			-	22	-	-	1				371
Alumni Associations		- 6	9		-						221
Andover Club						100					182
APPLIED CARTOONS .				-		1100		10	Y		270
ARCHITECTURAL SOCIETY	9		4		4	1	1		12		167
Assistants									,		40
ATHLETICS						1.40			4		125
ATHLETICS - ARTICLE				100						200	126
ATHLETIC ADVISORY COUR	NC11			1		7.8	1		12		127
ATHLETIC ASSOCIATION, M	1. 1.	Т.									128
ATHLETIC MEETS AND GA	ME	S									
Annual Cross Country	Run	s.		4	700	191			-	17	137
Annual Fall Handicap	Gar	nes		127		13					135
Annual Field Day	*		*	-				1.615			150
Annual Indoor Meet						240	4				136
Annual Spring Games					0	1		1.0		40	134
N. E. I. A. A.		14		124							129
BANJO CLUB		12					-				206
BASKET-BALL TEAM .				10		1111					163
BUYER'S GUIDE		15.			2		10				355
CADET BATTALIONS .					4.			24			219
CALENDAR			7				45				8
CHAUNCY HALL CLUB										10	188
CHESS CLUB	0	18.5									187
CHICAGO CLUB						1					183
CIVIL ENGINEERING SOCIE									- 1		169
CIVIL ENGINEERING SUMM								1		6	228

1903	T	EC	H	NI	Q	UE					349
								H			PAGE
CLASS DAY EXERCISES		-		- 17		- 5	2	12	-2		233
CLASSES, THE				-					20	105	51
The Senior	*		31			120			**		82
The Junior	4	-			4				V		70
The Sophomore .	. 2	100				- 62		-		19	62
The Freshman .	٠.										52
CLASS HISTORIES											
Senior	10	14		134		- 0	2	-	23	10	84
Junior	7										74
Sophomore		-				2.5					64
Freshman	*	4	À						1		54
CLEOFAN		15.		1		- 0	0	13.	- 17	4	186
CLASS STATISTICS .											302
CLUBS	10				F-5	1					181
Concerning Colleges	7	3	-	4		- 4					304
Co-operative Society	- 12	15		1		14			1.0	9	218
Corporation, The .				,	86			-			11
Courses of Study .						30		-		-	308
CROSS COUNTRY TEAM				- 7/4		-				- 12	158
DEDICATION	1	4	-	A			10				2
DINNERS	-		*	-						Facing	226
Senior		134								Facing	227
Junior					71	-			- 2		227
Sophomore											228
Freshman											229
ELECTRICAL BUILDING								-		12	245
ELECTRICAL ENGINEERIS	NG S	SOCIETY	-	4	-				- 25		171
FACULTY, THE											44
FLAG - COLORED HALF	To:	NE .									299
Foreword											7
FRATERNITIES	1									Facing	
Chi Phi					- 1	(0)				100000000000000000000000000000000000000	99
Delta Kappa Epsilon		4	100								101
Delta Psi									11		97
Delta Upsilon .										10.	105
Phi Beta Epsilon .		100	200		133		38				103

350 T	E	C	Н	ΝI	QI	JE			i	Vol. X	(VII
Fraternities — Continued.											PAGE
Phi Gamma Delta					100				179		109
Psi Alpha Kappa .					-	100	10	-	1		:111
Sigma Alpha Epsilon										2	107
Sigma Chi				*		Le.					93
Theta Xi		4		96					194		95
Other Fraternities Repr	esen	ted			14		74		15		113
FRATERNITY SUMMARY				-						,	114
General Information		40		-		1				-	298
GEOGRAPHICAL DISTRIBUTI	ION	4	52.0	- 1	24		1	125	-	7	296
GLEE CLUB, THE		2		10	11	2	12	2			202
GRADUATE SECRETARIES			2.4						0.8		224
GRADUATES BY COURSES			200	in.			-				295
GRADUATION EXERCISES		9	-		3	7		18	53		234
GRADUATION WEEK .			33.					1			232
GRINDS					4.0		14		-	Facin	g 246
HAMMER AND TONGS			1.4	- 23	3	-	-		24		117
HARE AND HOUNDS CLUB		\$	14	-			75	2		10.0	146
HOCKEY CLUB					4	-			57		161
INDIVIDUAL SCORES			-	4	111	4	24	-			138
IN MEMORIAM		4		V.				-			346
INSTITUTE COMMITTEE		2	-	4.27	4		1		16		210
INSTRUCTING STAFF FOR Y	EAL	R		-,					300		294
Instructors										-	36
INSTRUCTORS IN GYMNASTI	ICS.	4	-	7				- 0	-	4	41
INSTRUCTORS IN MECHANIC	cs /	ART	s .								41
JUNIOR CLASS PHOTOGRAP	н			*				1	-4		72
JUNIOR CLASS, KEY TO PH	юто	GR.	APH								73
JUNIOR CLASS PROMENADE	(19	103)	016						1	-	231
JUNIOR WEEK	148 2	2000							1	Facin	g 230
			1.46							area (Street)	300
LOCAL SOCIETIES .					1000						115
Hammer and Tongs			3.	*						AL.	117
K 2 S						W.	100	10		- 1	116
Mandaman Club .						-	33		112		110

1903	T	E	C	H N	II	QL	JE					351
Local Societies — C	ontin	nued.										PAGE
Round Table			110									120
Sherwood Club												118
LUNCH-ROOM STATIST	rics			7	272			,		-	74	300
MANDOLIN CLUB	***	0	6	ž.	1	2	6	1			14	204
MECHANICAL ENGINE	ERIN	G Sc	CIET	ry			4			+		175
MINING ENGINEERING	So	CIET	Y		14				19		24	172
MINING ENGINEERING	SU	MME	k Sc	HOOL	24		88	v	8. 1	4	1	240
MISCELLANEOUS					,			,			4	209
M. I. T. TENNIS ASSO	OCIA:	TION				10						160
M. I. T. RELAY TEAM	1	,				+						144
MUSICAL CLUBS		7	45	50	10	1			M.		1	201
Banjo Club .	3	S.	3								34	206
Glee Club .								Oc.			178	202
Mandolin Club			3.80	+					-			204
MUSICAL CLUBS - OF	FFICE	RS		- 1	100				15			208
NAVAL ARCHITECTUR	AL S	SOCIE	ETY									174
NAVAL ARCHITECTS'	TRII											242
N. E. INTERCOLLEGIA	TE Z	ATHL	ETIC	Asse	CLAT	TON		36			14	129
N. E. Intercollegia	TE T	ENN	is A	SSOCI.	ATIO	N		12	8	7	14	159
NINETEEN HUNDRED	AND	FIV	E F	оотва	LL T	ГЕАМ						153
NINETEEN HUNDRED	AND	Fo	UR F	оотв	ALI,	TEAM			-			155
NINETEEN HUNDRED	ANI	Fo	UR T	FRACE	TE	AM	9		- 5			142
NINETEEN HUNDRED	AND	Tw	оТ	RACK	TEA	M	5				- 1	140
OFFICERS OF INSTRU	CTIO	N			247	X						13
PREMIUM LIST .			1					4			34	274
PROFESSIONAL SOCIET	TIES		-	\$	8		4			0		165
Professors .												14
PROFESSORS IN OLD										+		268
PUBLICATIONS .				7	-		142		(4)	-		191
QUOTATIONS .						2		0				281
RECORDS									1.			147
RELAY AND TUG OF								,	all			
SENIOR PORTFOLIO			-	1								200
SHORT ARTICLES			118.			,		4		-	3	237
SOCIETY OF ARTS												

352	ΓЕ	C	H	NΙ	QI	JE			I	ol. 2	XVII
								4			PAGE
SOUTHERN CLUB .										1	184
STATISTICS					-						293
St. Paul's Club .		163	100				100	4			189
STUDENT LIFE - ARTICLE							2		4		177
STUDENTS BY CLASSES			-		*	-				-	297
SUB-INSTITUTE COMMITTEE	E						4.5				212
SUMMARY OF POINTS FOR	CL	iss	Сная	IPION	SHIP		1		223		137
TEACHERS AND LECTURER	ts		0.55					-			42
TECH SHOW											230
TECHNIQUE BOARD .					1963	3	,	*	147		196
TECHNIQUE PAST BOARDS		4		2	10	-	2				193
TECHNIQUE ELECTORAL CO	омм	ITTE	E								213
TECHNOLOGY CLUB .				46	19	-					214
TECHNOLOGY QUARTERLY			1.00		32						198
TECHNOLOGY REVIEW				2	81		100		1.	100	199
TECHNOLOGY TRACK TEA	м	2									130
THE TECH BOARD .								+:			194
THE TECH PAST BOARDS						7.1		70	۲,		192
TROPHY CUP - CUT .											151
WALKER, GEN BUST											90
WALKER, GEN., FACTS IN	LIFE	E									91
WALKER, GEN., PHOTOGRA	\PH		1			40		F	acing	Title	page
WALKER CLUB	,			-	10						185
WALKER MEMORIAL ARTI	CLE		190		9.		,				121
WALKER MEMORIAL MOVI	EMEN	NT			10		100	4		9	45
Wearers of the T		35	24 1	17	12	2	1			-	139
V M C A											215



Received Just Before Going to Press

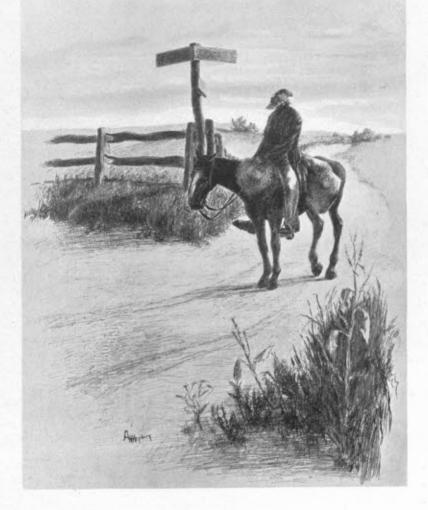
25

Receiver's No.	21 Pr 8	Filed 7 F	aid lia.	
To Editors of Technique 1903 mass. Small that of Technique 1903				
Kill	old	stones	about	block
eye	Riker	inscent	Late	Dark
Son	Eye	Unemions	ack	mje
		A commence		

TE READ THE NOTICE AND AGREEMENT ON BACK. ...

HE * END

BUYER'S GUIDE.



Classified List of Advertisers

36

ANILINE COLORS — Victor Koechl & Co., New York City; Kuttroff, Pickhardt & Co., New York City; New York and Boston Dyewood Co., Boston.

ARTISTS' MATERIALS - Wadsworth, Howland & Co., Boston.

BANKERS - Eliot National Bank, Boston; National Shawmut Bank, Boston.

BATTERIES — Leclanche Battery Co., New York City; Electric Storage Battery Co., Philadelphia, Pa.

Belting — Bay State Belting Co., Boston; Schultz Belting Co., St. Louis, Mo.; Boston Belting Co., Boston.

BLOCKS - Boston & Lockport Block Co., Boston.

Boilers — Atlantic Works, East Boston; The Aultman & Taylor Machinery Co., Mansfield, O.; Charles River Iron Works, Cambridgeport, Mass.; Roberts Iron Works Co., Cambridgeport, Mass.

Bolts - Buffalo Bolt Co., Buffalo, N. Y.

BOOKS — Damrell & Upham, Boston; G. & C. Merriam Co., Springfield, Mass.; A. D. Maclachlan, Boston.

BUILDING - Hanley Construction Co., Quincy, Mass.

CAFES - Oak Grove Creamery Co., Boston.

Castings - Homer F. Livermore, Boston.

CEDAR POLES AND TIES - Maltby Lumber Co., Bay City, Mich.

CEMENT - Vulcanite Portland Cement Co., Philadelphia, Pa.

CHEMICALS — Avery Chemical Co., Boston; Baker & Adamson Chemical Co., Easton, Pa.; Cochrane Chemical Co., Boston; Kuttroff, Pickhardt & Co., New York City; Roessler & Hasslacher Chemical Co., New York City; Eimer & Amend, New York City.

CHEMICAL APPARATUS — Eimer & Amend, New York City; Franklin Laboratory Supply Co., Boston.

CLOTHING - Brooks Brothers, New York City; George H. Lane, Boston.

COLORED COTTON GOODS - Parkhill Mfg. Co., Fitchburg, Mass.

CONDUITS - American Circular Loom Co., Chelsea, Mass.

Conveying Machinery — John A. Mead Mfg. Co., New York City; The Jeffrey Mfg. Co., Columbus, O.; Rawson & Morrison Mfg. Co., Cambridge, Mass.; A. Leschen & Sons Rope Co., St. Louis, Mo.

ESTABLISHED 1842.

BENT PIPES

BENT PIPES
REDUCE
FRICTION,
SAVE JOINTS,
AND
PROVIDE FOR
EXPANSION AND
CONTRACTION.

HIGH PRESSURE VALVES, PIPE AND FITTINGS.

WALWORTH FLANCED OVER JOINT

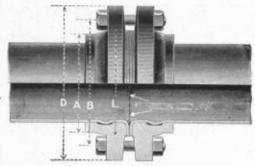
(WILL NOT WEEP UNDER 200 LBS. PRESSURE)

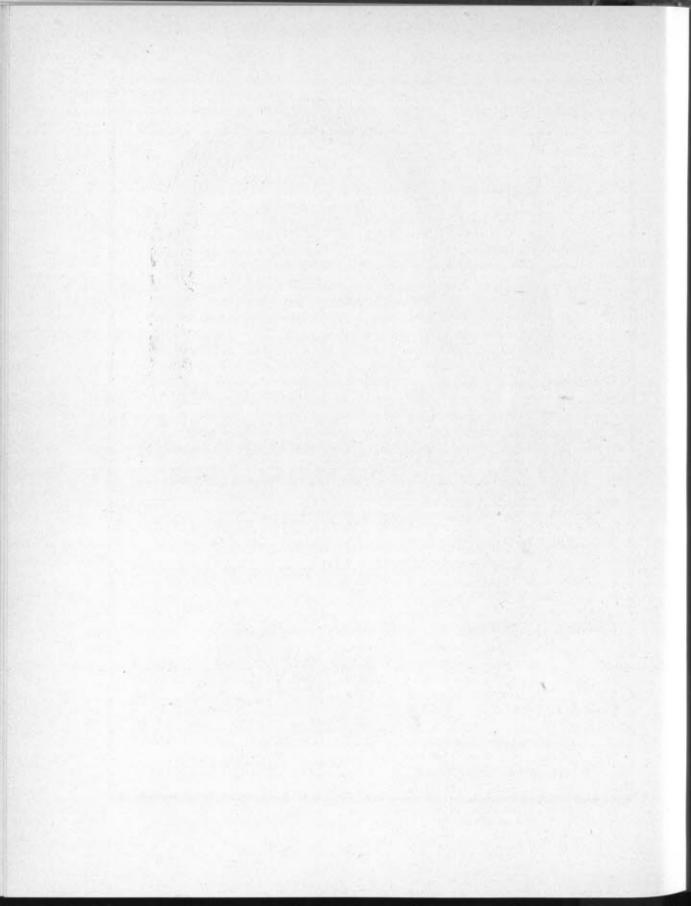
CENERAL OFFICES,

132 FEDERAL ST., BOSTON.

NEW YORK OFFICE,

PARK ROW BUILDING.





CORDAGE - Samson Cordage Works, Boston.

CORE OVENS - Millett Core Oven Co., Brightwood, Mass.

COTTON MACHINERY — The Draper Co., Hopedale, Mass.; Granger Foundry and Machine Co., Providence, R. I.

CROCKERY AND GLASSWARE — Burley & Tyrrell, Chicago, Ill.; Jones, McDuffee & Stratton Co., Boston.

DECORATORS - Cyrus T. Clark Co., Boston.

DESK APPOINTMENTS - Hurd & Co., New York City.

DRAUGHTING INSTRUMENTS — Keuffel & Esser Co., New York City; The L. S. Starrett Co., Athol, Mass.; Wadsworth, Howland & Co., Boston.

DRAUGHTING BOARD AND PAPER - Mittineague Paper Co., Mittineague, Mass.

DRY GOODS - C. F. Hovey & Co., Boston.

DRILL AND DRILLING MACHINERY — Hill, Clark & Co., Boston; Morse Twist Drill and Machine Co., New Bedford, Mass.

Dyes — Kuttroff, Pickhardt & Co., New York City; New York and Boston Dyewood Co., New York City; Victor Koechl & Co., New York City; New York and Boston Dyewood Co., Boston.

EDUCATIONAL INSTITUTIONS — Massachusetts Institute of Technology, Boston.

ELECTRIC GENERATORS AND MOTORS — Holtzer-Cabot Electric Co., Brookline, Mass.; Ridgway Dynamo and Engine Co., Ridgway, Pa.

ELECTRICAL SUPPLIES — Simplex Electrical Co., Boston; Weston Electrical Instrument Co., Newark, N. J.

ENGINEERS — Holbrook, Cabot & Daly, Boston; American Tool and Machine Co., Boston.

ENGRAVERS - Suffolk Engraving and Electrotyping Co., Boston.

FACING - Springfield Facing Co., Springfield, Mass.

Firearms — Smith & Wesson, Springfield, Mass.; J. Stevens Arms and Tool Co., Chicopee Falls, Mass.

FLAGS - Bent & Bush, Boston.

FORGINGS - Midvale Steel Co., Philadelphia, Pa.

FOUNDRIES — Granger Foundry and Machine Co., Providence, R. I.; Waterbury Farrel Foundry and Machine Co., Waterbury, Conn.; American Tool and Machine Co., Boston.

FUEL ECONOMIZERS - Green Fuel Economizer Co., Matteawan, N. Y.

FURNISHING GOODS — Brooks Bros., New York City; Hewins & Hollis, Boston; Continental Clothing Co., Boston; George Frost Co., Boston.

GAS APPARATUS — The United Gas Improvement Co., Philadelphia, Pa.; The Loki Burner Co., Boston; McKinney & Waterbury, Boston.

GAS FIXTURES - McKinney & Waterbury, Boston.

Glue — Baeder, Adamson & Co., New York City.

HEATING AND VENTILATING APPARATUS — Millett Core Oven Co., Brightwood, Mass.; Braman, Dow & Co., Boston; Albert B. Franklin, Boston; Huey Bros., Boston.

Hoists and Hoisting Engines — Rawson & Morrison Mfg. Co., Cambridge, Mass.; Lidgerwood Mfg. Co., New York City.

HOTELS — Berkeley Hotel, Boston: Brunswick Hotel, Boston; Parker House, Boston: Touraine Hotel, Boston; Young's Hotel, Boston.

Insurance — Employers' Liability Assurance Corp., Boston; Hartford Steam Boiler Insp. and Ins. Co., Hartford, Conn.

ICE CREAM - Oak Grove Creamery Co., Boston.

INDICATORS - American Steam Gauge and Valve Mfg. Co., Boston.

INJECTORS - (See Machine Shop Equipment.)

INSPIRATORS - (See Machine Shop Equipment.)

JEWELERS — A. S. Adams, Boston; Bent & Bush, Boston; A. Stowell & Co., Boston; Tiffany & Co., New York City; Shreve, Crump & Low Co., Boston.

LABORATORY SUPPLIES - Franklin Laboratory Supply Co., Boston.

LAMPS — Burley & Tyrrell, Chicago, Ill.; Jones, McDuffee & Stratton Co., Boston; McKinney & Waterbury, Boston.

LAMP-BURNERS AND TRIMMINGS — New Safety Burner Co., Boston; Plume & Atwood Mfg. Co., Chicago, Ill.

LACTIC ACID - Avery Chemical Co., Boston.

LATHES - (See Machine Shop Equipment.)

LOCOMOTIVES - Baldwin Locomotive Works, Philadelphia, Pa.

LUBRICATING OILS - Leonard & Ellis, Boston ; Vacuum Oil Co., Rochester, N. Y.

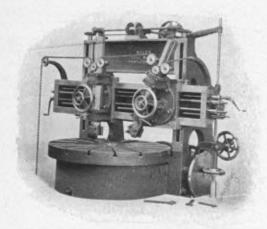
LUMBER — George W. Gale Lumber Co., Cambridgeport, Mass.; Maltby Lumber Co., Bay City, Mich.

MACHINE SHOP EQUIPMENT — Simons Mfg. Co., Fitchburg, Mass.; James Hunter Machine Co., North Adams, Mass.; Jones & Lamson Machine Co., Springfield, Vt.; Niles Tool Works Co., Hamilton, Ohio; Armstrong Bros. Tool Co., Chicago, Ill.; Pratt & Whitney Co., Hartford, Conn.; Waterbury Farrel Foundry and Machine Co., Waterbury, Conn.; S. A. Woods Machine Co., South Boston, Mass.; A. J. Wilkinson & Co., Boston; Hill, Clark & Co., Boston; Fay & Scott, Dexter, Me.

MACHINISTS -American Tool and Machine Co., Boston.

MARINE RAILWAY - Hanley Construction Co., Quincy, Mass.

THE NILES TOOL WORKS CO.



6-FT, VERTICAL BORING AND TURNING MILL

Hamilton, Ohio Build

Boring Mills

ALL SIZES from 30-In. to 30-FT. SWING

OFFICES

PRATT & WHITNEY CO.

SMALL TOOL DEPARTMENT:

HARTFORD, CONNECTICUT



THE ECHOLS PATENT TAP Unexcelled for use on tough stock



Hand Reamer

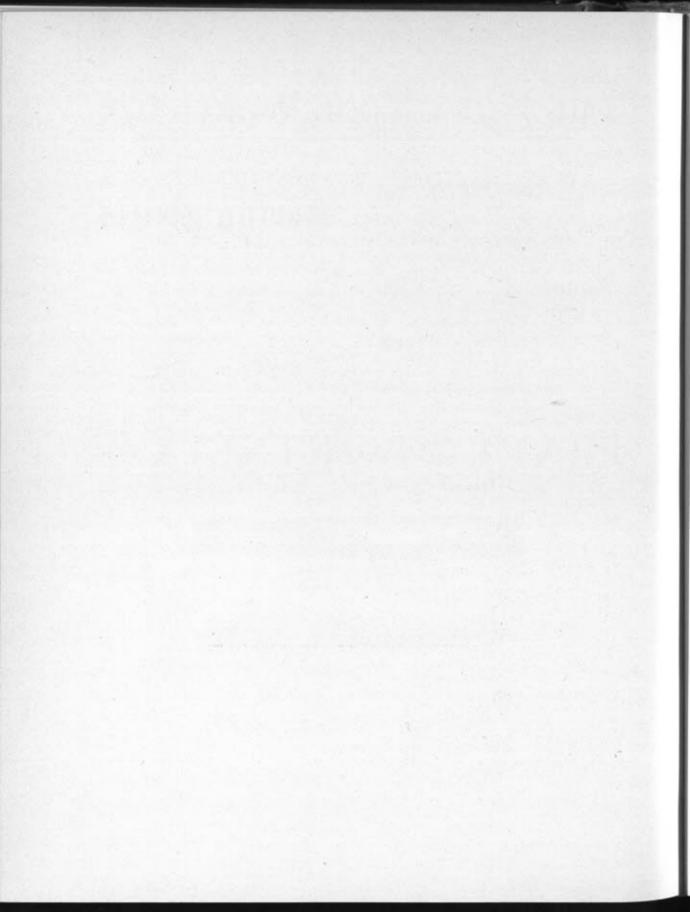
Standards, Taps, Dies, Ratchets, Reamers, Punches, Milling Cutters, Measuring Machines

New York, 136-138 Liberty Street Buffalo, Wells and Senaca Streets Montreal, Charles Spadding, 50 Catheret Street

OFFICES
Boston, 144 Pearl Street

CHICAGO, 40 South Clinton Street
PHILADELPHIA, The Bourse.
St. Louis, C. A. Thompson, 516 N. 3rd Street

Insert "B"



MATHEMATICAL INSTRUMENTS — Keuffel & Esser Co., New York City; Wadsworth, Howland & Co., Boston.

MEASURING TAPES - Lufkin Rule Co., Saginaw, Mich.

MILL SUPPLIES - Braman, Dow & Co., Boston.

MOLDING MACHINERY - The Tabor Mfg. Co., Philadelphia, Pa.

PACKING - Jenkins Bros., New York City; Universal Winding Co., Boston.

PAINT - Felton, Sibley & Co., Philadelphia, Pa.

PENCILS - Joseph Dixon Crucible Co., Jersey City, N. J.

PHOTOGRAPHERS — J. E. Purdy & Co., Boston; Charles W. Hearn, Boston; Elmer Chickering, Boston.

PIANOS - Henry F. Miller Piano Co., Boston.

PIPE - National Tube Co., Pittsburg, Pa.; Walworth Mfg. Co., Boston.

PIPE COVERING - Manville Covering Co., Providence, R. I.

PLATE AND SHEET IRON AND STEEL — Atlantic Works, East Boston; Charles River Iron Works, Cambridgeport, Mass.

PLATINUM — J. Bishop & Co., Sugartown, Pa.; Eimer & Amend, New York City; Franklin Laboratory Supply Co., Boston.

PRINTER - The F. A. Bassette Co., Springfield, Mass.

PUBLICATIONS - The Technology Review, Boston.

PUMPS - A. S. Cameron Steam Pump Works, New York City.

RAILROADS — Boston & Albany R. R.; Boston & Maine R. R.; Chicago & Alton R. R.; Norfolk & Western R. R.

RAILROAD TRACK EQUIPMENT - Ramapo Iron Works, Hillburn, N. Y.

RAILS - Barbour-Stockwell Co., Cambridgeport, Mass.

REPAIRING - Hanley Construction Co., Quincy, Mass.

ROOFING TILE - Ludowici Roofing Tile Co., Chicago, Ill.

Saws - Simonds Mfg. Co., Fitchburg, Mass.

SPINNING RINGS - Whitinsville Spinning Ring Co., Whitinsville, Mass.

STAINS - Samuel Cabot, Boston.

STATIONERS — F. W. Barry, Beale & Co., Boston; A. D. Maclachlan, Boston.

STEAM GAUGES AND VALVES — American Balance Slide Valve Co., Jersey Shore, Pa.; Jenkins Bros., New York City; Roe Stephens Mfg. Co., Detroit, Mich.; American Steam Gauge and Valve Mfg. Co., Boston; Mason Regulator Co., Boston; Ashton Valve Co., Boston.

STEAM PUMPS — Mason Regulator Co., Boston; A. S. Cameron Steam Pump Works, New York City.

STEAM TRAPS - Julian D'Este Co., Boston.

Steel — The Midvale Steel Co., Philadelphia, Pa.; Wm. Jessop & Sons, Ltd., New York City.

STREET RAILWAY SUPPLIES - Barbour-Stockwell Co., Cambridgeport, Mass.

STORAGE BATTERIES - Electric Storage Battery Co., Philadelphia, Pa.

SURVEYING INSTRUMENTS - C. L. Berger & Sons, Boston.

SWITCH BOARDS - S. B. Condit, Jr., & Co., Boston.

TAILORS - Brooks Bros., New York City; Continental Clothing Co, Boston.

TECH EMBLEMS - Bent & Bush, Boston; A. S. Adams, Boston.

TESTING LABOROTORY - Warren Bros. Co., Boston.

TEXTILE STUFFS - Universal Winding Co., Boston.

TIRES FOR LOCOMOTIVES AND CAR WHEELS — The Midvale Steel Co., Philadelphia, Pa.

Tool.s — American Tool and Machine Co., Boston; A. J. Wilkinson & Co., Boston; Niles Tool Works Co., Hamilton, O.; L. S. Starrett Co., Athol, Mass.; Armstrong Bros. Tool Co., Chicago, Ill.

Tubing - National Tube Co., Pittsburg, Pa.; Plume & Atwood Mfg. Co., Chicago, Ill.

TURRETT TOOL BLOCKS - Fay & Scott, Dexter, Me.

VALVES — American Balance Slide Valve Co., Jersey Shore, Pa.; Ashton Valve Co., Boston; Jenkins Bros., New York City; Mason Regulator Co., Boston; Roe Stephens Mfg. Co., Detroit, Mich.; Walworth Mfg. Co., Boston.

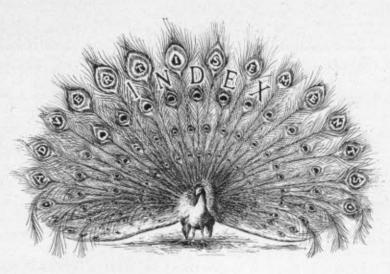
WIRE ROPE - A. Leschen & Sons' Rope Co., St. Louis, Mo.

WOODWORKING MACHINERY - S. A. Woods Machine Co., South Boston, Mass.

YACHT DESIGNING - Hanley Construction Co., Quincy, Mass.

YARN WINDERS - Universal Winding Co., Boston.





	1	PAGE			-1	AGE
Adams, A. S		22	Bisнор & Co., J		133	22
American Balanced Valve Co.		40	BOSTON BELTING CO			53
AMERICAN CIRCULAR LOOM CO.		48	BOSTON & ALBANY R. R			55
American Construction Co		38	BOSTON AND LOCKPORT BLOC	к Со		48
American Steam Gauge and Val	VE.		BOSTON & MAINE R. R		1	24
Mrg. Co		10	Braman, Dow & Co			16
AMERICAN TOOL AND MACHINE CO		38	Brooks Bros			- 1
Armstrong Bros. Tool Co		22	BRUNSWICK HOTEL			18
ASHTON VALVE Co	- 2	8	BUFFALO BOLT CO			26
ATLANTIC WORKS		44	BURLEY & TYRRELL	Ins	ert '	'C"
AULTMAN & TAYLOR MACHINERY C	o.	30	CABOT, SAMUEL			28
AVERY CHEMICAL CO		46	CAMERON STEAM PUMP WORK	ks, A.	S.	41
Baeder, Adamson & Co		14	CHARLES RIVER IRON WORKS			26
BAKER & ADAMSON CHEMICAL CO.		30	CHICAGO & ALTON R. R			52
BALDWIN LOCOMOTIVE WORKS .		12	CHICKERING, ELMER			3
BARBOUR-STOCKWELL CO	3	53	CLARK Co., CYRUS T			18
BARRY, BEALE & Co., F. W		20	COCHRANE CHEMICAL CO	1.4		34
BASSETTE & CO., THE F. A.		57	CONDIT, JR., & Co., S. B	4		18
BAY STATE BELTING CO	21	36	CONTINENTAL CLOTHING HOL	JSE		10
BENT & BUSH	V.	50	DAMRELL & UPHAM			34
BERGER & SONS, C. L		54	D'ESTE CO., JULIAN	1.4		11
BERKELEY HOTEL		52	DIXON CRUCIBLE Co., JOSEPH			

P _i	AGE	PAGE
DRAPER CO	25	Leonard & Ellis 46
EIMER & AMEND		Leschen & Sons Rope Co., A 44
ELECTRIC STORAGE BATTERY CO	3	LIDGERWOOD MFG. Co 55
ELIOT NATIONAL BANK	14	LIVERMORE, HOMER F 54
EMPLOYERS' LIABILITY ASSURANCE CORE	.4	LOKI BURNER CO
FAY & SCOTT	14	LUDOWICI ROOFING TILE CO 16
FELTON, SIBLEY & Co	8	LUFKIN RULE Co 4
FRANKLIN, ALBERT B		Maclachlan, A. D 24
FRANKLIN LAB. SUPPLY CO		MALTBY LUMBER CO
FROST Co., GEORGE	4	Manville Covering Co 32
GALE LUMBER Co., GEO. W		MASON REGULATOR CO 38
GRANGER FOUNDRY AND MACHINE CO.	40	Mass. Institute of Technology . 23
GREEN FUEL ECONOMIZER CO	50	McKenney & Waterbury 6
HARTFORD STEAM BOILER INSPEC-		MEAD MFG. Co., JOHN A 36
TION AND INSURANCE CO	8	MERRIAN Co., G. & C 42
	44	MIDVALE STEEL CO
HEARN, CHARLES W	51	MILLER & SONS PIANO CO., HENRY F. 10
Hewins & Hollis	51	MILLETT CORE OVEN CO 12
	31	MITTINEAGUE PAPER Co Insert "D"
	20	Morse Twist Drill and Machine Co. 2
HOLTZER-CABOT ELECTRIC CO	6	NATIONAL SHAWMUT BANK 7
	33	NATIONAL TUBE Co
	38	New Safety Burner Co 2
HUNTER MACHINE Co., JAMES	32	NEW YORK AND BOSTON DYEWOOD CO. 28
	24	NILES TOOL WORKS Insert "B"
	42	NORFOLK & WESTERN R. R. Co 43
JENKINS BROS	37	OAK GROVE CREAMERY CO 54
	32	Parker House 56
Jones & Lamson Machine Co	5	PARKHILL MFG. Co
Jones, McDuffee & Stratton .	28	Plume & Atwood Mfg. Co 6
Keuffel & Esser Co	56	PRATT & WHITNEY Co Insert "B"
KOECHL & Co., VICTOR	21	PURDY & Co 15, 35
	33	RAMAPO IRON WORKS 21
LANE, GEORGE H	10	RAWSON & MORRISON MFG. Co 50
LECLANCHE BATTERY Co 5	22	RIDGWAY DYNAMO AND ENGINE CO. 17

Burley & Tyrrell

IMPORTERS AND WHOLESALE
MERCHANTS & Established in 1838

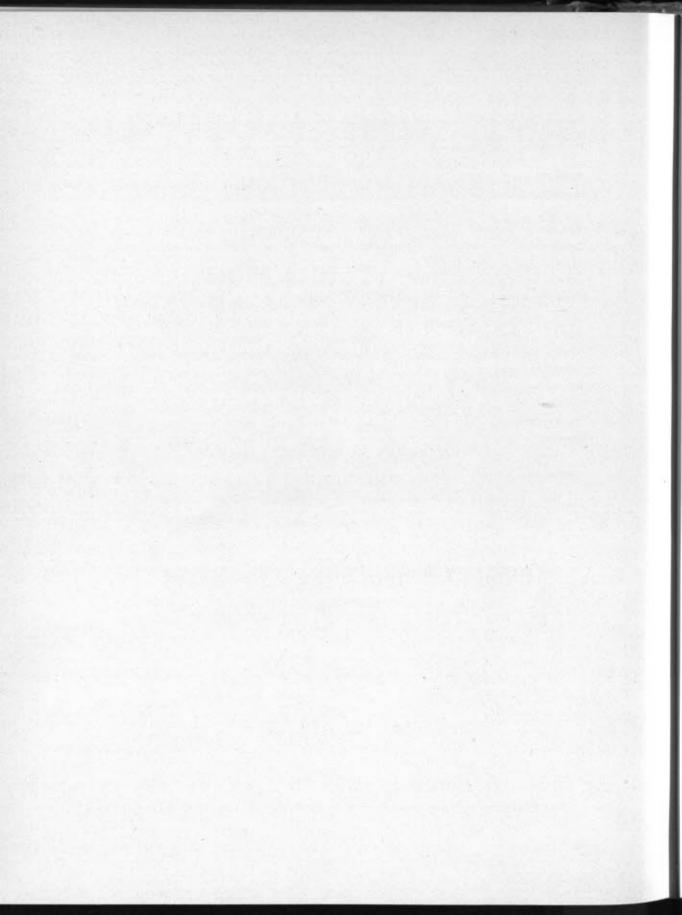
OUR LINES COMPRISE WHITE & DECORATED ENGLISH EARTHENWARE: FRENCH & AUSTRIAN CHINA DINNER WARE: IMPORTED CHINA NOVELTIES: AUSTRIAN AND BOHEMIAN GLASSWARE: LAMPS



Pressed & Blown Glassware Rich American Cut Glass ~

¶ A "COLOR PLATE" CATALOGUE JUST ISSUED MAKES IT POSSIBLE FOR A MERCHANT TO REPLENISH HIS STOCK INTELLIGENTLY: WILL MAIL ON RECEIPT OF REQUEST

WE SELL TO DEALERS ONLY 42-44-46 Lake St., CHICAGO, ILLINOIS



1903	TE	C	H	NIQUE	36	69
	- 3	1	PAGE		PA	AGE
ROBERTS IRON WORKS .		*	42	TECHNOLOGY REVIEW		7
ROESSLER & HASSLACHER (CHEMIC	AL		TIFFANY & Co		
.Co	- 1		47	TOURAINE HOTEL		56
ROE STEPHENS MFG. CO.			36	United Gas Improvement Co.		45
SAMSON CORDAGE WORKS			36	Universal Winding Co		56
SHREVE, CRUMP & LOW CO), ,		46	VACUUM OIL CO		16
SHULTZ BELTING CO			34	VULCANITE PORTLAND CEMENT CO).	45
SIMONDS MFG. Co			48	Wadsworth, Howland & Co.		30
SIMPLEX ELECTRICAL CO.			37	WALWORTH MFG. Co Inse	rt "	A"
SMITH & WESSON			39	WARREN BROS. Co		32
SPRINGFIELD FACING CO			56	WATERBURY FARREL FOUNDRY AN		
STARRETT Co., L. S			16	MACHINE CO		34
STEVENS ARMS AND TOOL	Co., J.	2	49	WESTON ELECTRICAL INSTRUMENT C		50
STOWELL & Co., A			52	WHITINSVILLE SPINNING RING CO.		47
STUART HOWLAND CO			45	Wilkinson & Co., A. J		
SUFFOLK ENGRAVING AND				Woods Machine Co., S. A		
TYPING Co.						- 0
TABOR MEG CO			- 5			





THE TECHNIQUE GIRL

This maiden, with her glances fair, Her automobile-girlish air, And general pose of *savoir-faire*, We vainly seek. In sight of Technologic ground, Her likeness only can be found: And that where all good things abound, Within TECHNIQUE.

BROOKS BROTHERS

BROADWAY : : NEW YORK



EVERY article of Clothing sold by us is of our own manufacture, and in cut and finish shows the highest grade of workmanship. The styles are carefully revised each season, the quantity of each lot is limited and all exaggerations of fashion are avoided.

Thirty page catalogue, fully illustrated, mailed on request.

FINE CLOTH-ING READY MADE AND TO MEASURE FOR MEN, BOYS & CHILDREN : : LIVERIES, AUTOMOBILE GARMENTS & REQUISITES : : IMPORTED FURNISHINGS, SHIRTINGS, HOUSE GAR-MENTS, SPORT-ING ACCESSOR-IES, LEATHER AND WICKER GOODS, TRAV-ELING AND TOILET ARTI-CLES, &C., &C.

10000

CORRESPOND-ENCE INVITED

MORSE TWIST DRILL & MACHINE COMP'Y

Moderate profits fill the purse.

— It. Pr.



Speak little, speak true, spend little, pay cash down. Ger. Pr.

Arbors, Chucks, Cutters, Dies, Drills, Gauges, Mandrels, Counterbores, Mills, Reamers, Sockets, Taper Pins, Tap Wrenches, Sleeves, Taps, Etc., Etc.



Fancy requires much, necessity but little.
— Ger. Pr.



Every day in thy life is a leaf in thy history.

— Arab. Pr.

NEW BEDFORD, MASSACHUSETTS, U.S.A.

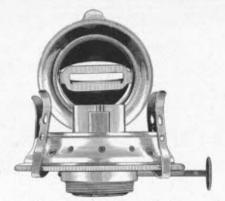
THE LOKI BURNER



This machine fits any range, makes gas from kerosene oil, and will heat cooking ranges, bakers' stoves and kettles, hot water heaters, etc. Oil gas apparatus saves space, labor and money. No dirt! No noise! No smell! Approved by insurance companies.

THE LOKI BURNER COMP'Y 67 Batterymarch Street - Boston, Mass.

Attention Students!!



New Safety Lamp-Burner. No heat on the wick-tube, therefore no smoke, no odor, more light and perfect safety. Costs no more than the ordinary burner.

NEW SAFETY BURNER CO. 67 Batterymarch Street - Boston, Mass.

The Electric Storage Battery Co. PHILADELPHIA & PENNSYLVANIA

The "Chloride Accumulator"

For Central Stations, Electric Railways, Isolated Lighting and Power Stations, Fire Alarm and Telegraph Service, Train Lighting, Laboratory Etc., Etc.

The "Exide Accumulator"

For Electric Vehicles.



Price Lists and Descriptive Bulletins Forwarded Upon Request

SALES OFFICES

PHILADELPHIA
Allegheny Ave. & 19th
Street
NEW YORK
100 Broadway
BOSTON
60 State Street
CHICAGO
Marquette Building
BALTIMORE
Equitable Building
ST. LOUIS
Wainwright Building
SAN FRANCISCO
Nevada Block

New England Building DETROIT Michigan Electric Co.

CLEVELAND

The Very Latest Photography

AT SPECIAL RATES TO "TECH" STUDENTS #

For the Newest, Nicest Styles

IN MODERN PHOTOG RAPHY Ø Ø Ø SEE

ELMER CHICKERING

21 West Street Ø Ø BOSTON, MASS.

ALBERT B. FRANKLIN Warming and Ventilating Apparatus

BY STEAM OR WATER

Unsurpassed Facilities for Scientifically Warming and Ventilating Public Buildings, Churches, Schools, Residences, Etc.

SHEET METAL WORK A SPECIALTY - GALVANIZED IRON OR COPPER

Sole Manufacturers BARNEY VENTILATING FANS
165 and 167 Fort Hill Square, Boston, Mass.

Steam Department Telephone 2466

Sheet Metal Department Telephone 1231

The Employers' Liability Assurance Corporation

(LIMITED)

Of LONDON, ENG.

Liability, Accident Health & Fidelity Ensurance

3

APPLETON & DANA

Manager and Attorney United States Branch

71 KILBY STREET, BOSTON, MASS.





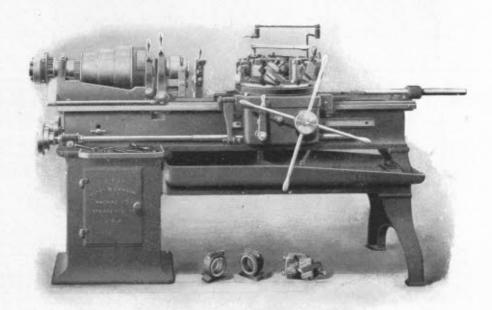
Lufkin Measuring Tapes

ARE THE STANDARD TAPES OF THE WORLD - Unequalled for Accuracy and Reliability

Our goods are handled by all firstclass dealers LUFKIN RULE COMPANY Saginaw, Michigan: U. S. A.

Hartness Flat Turret Lathe

Original in Design - Thorough in Construction - Unexcelled in Output



A Time and Moncy= Saver that is Well Worth Envestigating

Designed for the rapid and accurate production of general lathe work from the rough bar of stock. Working capacity from the bar, 2" in diameter by 24" in length. Small forgings can also be machined to advantage.

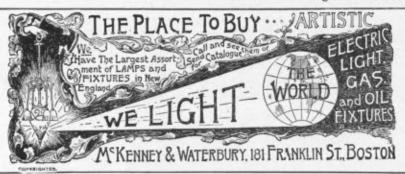
FOR SALE ONLY BY

JONES & LAMSON MACHINE COMPANY

British Offices: Exchange Buildings, Stephenson's Place, Birmingham, England Germany, Holland, Belgium, Switzerland, Austria-Hungary and Italy: M. KOYEMANN, Charlottenstrasse 112, Dusseldorf, Germany

France and Spain: Ph. BONVILLAIN, 6 Rue Blanche, Paris, France

SPRINGFIELD, VERMONT, U.S.A.

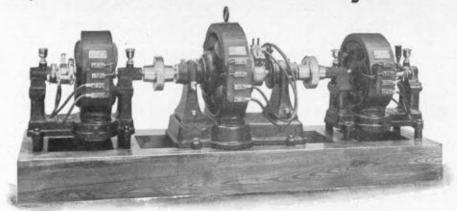


THE PLUME & ATWOOD MFG. COMPANY

199 Lake Street, Chicago: : 29 Murray Street, New York MILLS, Thomaston, Conn. FACTORIES, Waterbury, Conn.

Sheet and Roll Brass; German Silver and Copper; Brass, Copper and German Silver Wire; Copper and Brass Rivets and Burrs; Iron and Brass Jack Chain; Brass Hinges; Escutcheon Pins; Kerosene Burners, Lamps and Lamp Trimmings

We make a Motor-Generators & Dynamotors



SPECIAL HIGH AND LOW FREQUENCY MOTOR GENERATOR COMBINATION

Are also Manufacturers of MULTIPOLAR DYNAMOS & MOTORS, UNIVERSAL ENCLOSED DYNAMOS & MOTORS & Plating Dynamos, Alternating Current Motors, Elevator Motors, Telephone Apparatus, Dental Motors, Watch Demagnetizers, and Annunciators

Write for Bulletin, referring to line in which you are particularly interested

HOLTZER-CABOT ELECTRIC COMPANY

BOSTON (Brookline), MASS.

CHICAGO OFFICE, 397 Dearborn Street

The National Shawmut Bank

OF BOSTON

February 25, 1902

Capital	-	-	-	\$3,500,000.00
Liability of	f Shareh	olders	-	3,500,000.00
Surplus an	d Profits	s -	-	2,770,410.80
Total respo	onsibility	to Dep	positors	9,770,410.80
Deposits	-	-	-	54,080,774.10

The Technology Review

A QUARTERLY MAGAZINE
DEVOTED TO THE INTERESTS OF
THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

AND

Published by the Association of Class Secretaries 83 NEWBURY STREET, BOSTON

The Review aims to develop closer relations among Institute men, and to stimulate their interest in the work of the college.

It is in no sense an engineering magazine, but deals broadly with the problems of Technological Education and the responsibilities of the professional man.

SUBSCRIPTION, ONE DOLLAR A YEAR SINGLE COPIES, THIRTY-FIVE CENTS

Volumes I, II and III, finely bound in half morocco, are ready for delivery at \$2.00 each, or will be exchanged for unbound sets, provided they are in good condition, at \$1.00 each.

Ashton Pop Valves

Guaranteed to give Perfect Satisfaction Made of Best Material Insuring greatest Efficiency and Durability Send for Catalogue T

Specify Ashton Pop Valves and Gages



The Best is None too Good

Ashton Steam Gages

Have Non-Corrosive Movements and Seamless Drawn Tubes; are Accurate, Durable and Strictly High Grade

THE ASHTON VALVE CO.

271 Franklin Street, BOSTON

Branches:

NEW YORK

CHICAGO

LONDON



Thorough Inspections

And INSURANCE AGAINST LOSS OR DAMAGE TO PROPERTY AND LOSS OF LIFE AND INJURY TO PERSONS CAUSED BY

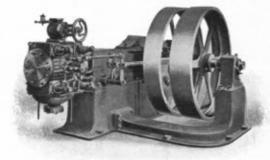
Steam Boiler Explosions

I. M. Allen, President

Wm. B. Franklin, V-Pres. F. B. Allen, 2d V-Fres. J. B. Pierce, Sec'y L. B. Brainerd, Treas. L. F. Middlebrook, Asst. Sec'y

BEAUTY & EFFICIENCY

are combined when a piece of machinery is finished with our products. We were pioneers in the manufacture of



PRIMING & FINISHING PAINT IMPROVED IRON FILLER MACHINERY ENAMEL & FLAT BLACK LACQUER

These goods are eminently satisfactory wherever used and are growing into greater popularity every day. Inquiries cheerfully answered and prices quoted on application.

FELTON, SIBLEY & COMPANY

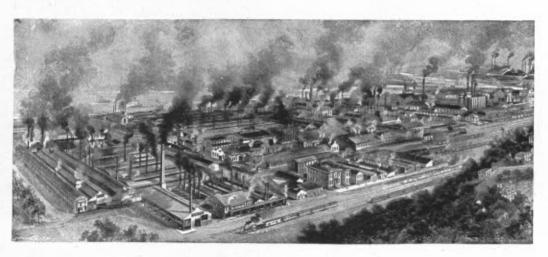
136, 138 & 140 North Fourth Street: PHILADELPHIA

NATIONAL TUBE CO.

Manufacturers of Wrought Merchant Dipe

Boiler Tubes, Casing, Tubing and Drive Pipe, Gas and Oil Line Pipe

ALL KINDS: Sizes 1/8-inch to 30-inch



NATIONAL DEPARTMENT: MCKEESPORT, PA.

Water and Gas Mains fitted with Converse or Matheson Joints Ø Ø Ø Seamless Tubes and Miscellaneous Forging

W 96

LOCAL SALES OFFICES

NEW YORK: Havemeyer Bldg. Philadelphia: 267 South 4th St.

CHICAGO: Western Union Bldg. St. San Francisco: 420 California St.

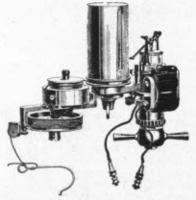
PITTSBURG: Empire Bldg.

London, E. C., Eng.: Dock House, Billiter St.

AMERICAN STEAM GAUGE AND VALVE MANUFACTURING CO.

ORIGINAL STEAM GAUGE COMPANY

MANUFACTURERS OF



The Only Genuine Thompson Indicator 10,000 in Actual Use



Standard Engineering Appliances, Original and Only Genuine Thompson Indicator, Pop Safety, Water Relief and Cylinder Relief Valves, Clocks, Revolution Counters, Whistles & all kinds of Steam Instruments



New York

Boston

Chicago

A COMPLETE LINE OF

Foreign and American WOOLENS



GEORGE H. LANE TAILOR

18 Boylston St. BOSTON

Ten Per Cent. Discount to Tech Students

SPRING ANNOUNCEMENT If You Are Thinking

OF BUYING, EXCHANGING OR RENTING A PIANO, WRITE OR VISIT THE OLD RELIABLE HOUSE OF HENRY F. MILLER & SONS PIANO CO., 88 BOYLSTON STREET BOSTON, MASSACHUSETTS # # #

We sell or rent new and second-hand Pianos of various makes at varying prices; we take second-hand Pianos or Organs in exchange, and offer very low prices and easiest instalment terms on any of our transactions. We have, for nearly forty years past, lived up to our guaranty of satisfaction to the customer in every particular. @ @

A Postal Card to Us May Save You \$100.00

WRITE US

HENRY F. MILLER & SONS PIANO CO. 88 BOYLSTON ST., BOSTON, MASS.

CURTIS ENGINEERING SPECIALTIES



LIST OF SPECIALTIES WE MANUFACTURE

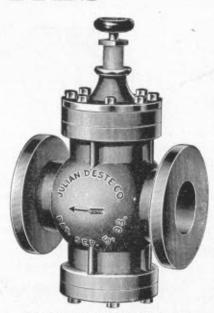
DAMPER REGULATOR

Improved Pressure Regulator
Improved Pump Regulator
Water Pressure Regulator
Relief Valve for Steam & Water
Combined Separator and Trap
Tank Governor and Pump
Air Spring Pressure Regulator
Expansion Trap
Return Steam Trap
Balanced Steam Trap
Damper Regulator
Temperature Regulator
Cellar Drainer

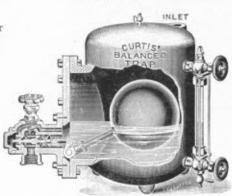
U. S. Ball Cock

Gauge Cock

SEND FOR
1902
CATALOG



IMPROVED PRESSURE REGULATOR



BALANCED STEAM TRAP

JULIAN D'ESTE COMPANY

24 CANAL ST., BOSTON, MASS.

Baldwin Locomotive Works

SINGLE EXPANSION AND COMPOUND LOCOMOTIVES

Cable
Address
BALDWIN
Philadelphia



Cable Address BALDWIN Philadelphia

C. B. & Q. ATLANTIC TYPE

Broad- and Narrow-Gauge Locomotives; Mine and Furnace Locomotives; Compressed Air Locomotives; Tramway Locomotives; Plantation Locomotives; Oil-Burning Locomotives

ELECTRIC LOCOMOTIVES, WITH WESTINGHOUSE MOTORS ELECTRIC CAR TRUCKS, WITH OR WITHOUT MOTORS

All important parts made accurately to gauges and templates, after standard designs or to railroad companies' drawings. Like parts of different locomotives of same class perfectly interchangeable.

BURNHAM, WILLIAMS & CO.

Philadelphia, Pa., U. S. A.

Over Six Hundred Now in Use

EVERY ONE A REFERENCE

MILLETT'S PATENT CORE OVEN

DOUBLE DOORS. One closing the oven when other is open.

Ø

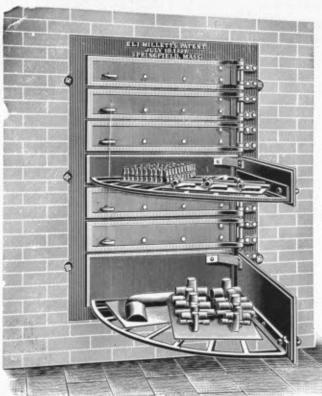
SAVES FUEL : : : SAVES TIME

MILLETT CORE OVEN CO

Brightwood, Mass.

A G E N T S

J. W. PAXSON CO., Philadelphia
S. OBERMAYER COMPANY,
Chicago and Cincinnati; J. W.
JACKMAN & CO., London



The Midvale Steel Co.

Locomotive and Car-wheel Tires Forgings & Castings, Bar Steel

Nickel Steel Forgings for Marine Engines Ordnance Forgings and Castings

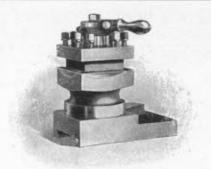


Office and Works: PHILADELPHIA, PA.

The Eliot National Bank of Boston

RESPECTFULLY SOLICITS AC COUNTS. IT HAS A CAPITAL AND SURPLUS OF ONE MIL LION EIGHT HUNDRED THOU SAND DOLLARS AND CAN FUR NISH ALL REASONABLE ACCOMODATION





STYLE G, TURRETT TOOL BLOCK

Designed especially for duplicate operations. Holds four ordinary lathe tools. Fitted to any size lathe. For boring or turning. Guaranteed to cheapen production. Ask for "Turrett Booklet."

FAY & SCOTT

DEXTER

MAINE

Baeder, Adamson & Co. Ø ESTABLISHED 1828 1828 75 Years 1993

Manufacturers of GLUE, CURLED HAIR, FLINT PAPER, GARNET PAPER, EMERY PAPER AND EMERY CLOTH, GROUND FLINT & EMERY, HAIRFELT for Covering Boilers & PIPES for Lining Refrigerators

Graduates of the Institute of Technology are invited to acquaint themselves with the manufactures of the above firm.

STORES

Philadelphia:: New York:: Boston:: Chicago

FACTORIES

Philadelphia: Newark, N. J.: Woburn, Mass.

PURDY'S



AN ESTABLISHMENT, OR GROUP OF STUDIOS, THE LARGEST & BEST EQUIPPED IN THE COUNTRY, FOR THE MAKING OF ALL KINDS OF PHOTOGRAPHS & PORTRAITS

¶ Patronized by many of the most eminent people in public life and, to an unprecedented extent, by artists and scholars. ¶ A place where the same cleverness and care poses the college graduate that is given the author or statesman, and where no order is large enough to be hurried or small enough to be ignored; a place of which ten thousand tongues sing praise, and where uniform excellence and reasonable celerity are perpetual residents.

MAIN ENTRANCE: 146 TREMONT ST. BOSTON, MASSACHUSETTS

Braman, Dow Vacuum Oils & Company &

Steam Fitters & Mill Supplies

STEAM & WATER HEATING

PLANS AND ESTIMATES FURNISHED

239 to 245 Causeway Street Boston, Mass.

Branch House: WORCESTER, MASS.

are used most because they lubricate most. They are sold in every part of the world where machinery is used : :



VACUUM OIL CO. Rochester - New York

First in Quality, in All Points Up to Date



SEND FOR FREE CATA LOGUE NUMBER 17 X

THE L. S. STARRETT CO. ATHOL, MASSACHUSETTS, U.S. A. Terra Cotta Roofing-Tile

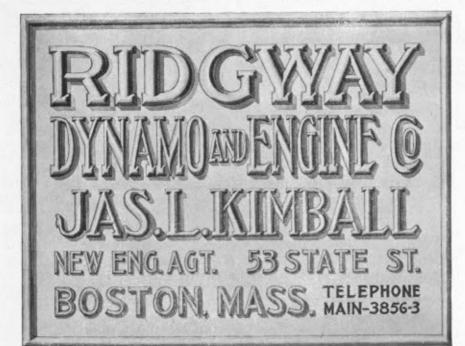
Alignment with advanced thought and practice in building construction, compels the reflective engineer to consider and ultimately adopt

The Modern Proposition for Roofs viz. Steel and Terra Cotta No Leaks or Drip of Condensation

Nothing else so effective nor ulti-

mately so inexpensive for industrial buildings of all kinds.

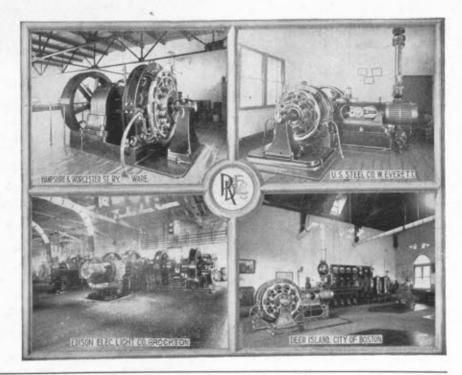
Ludowici Roofing Tile Co. 508 Chamber of Commerce - CHICAGO



THOMPSON
RYAN
DYNAMO
and
McEWEN
AUTOMATIC
ENGINES

Factories Ridgway, Pa.

A Few Plants Near Boston



In answering advertisements please mention The Technique

S. B. CONDIT, JR. & COMPANY

DESIGNERS & MANUFACTURERS OF HIGH AND LOW TENSION CIR CUIT BREAKERS & SWITCHES

SPECIAL ATTENTION GIVEN TO DESIGNING AND BUILDING HIGH TENSION SWITCH BOARDS, OIL CIRCUIT BREAK ERS & SWITCHES FOR ALTER NATING HIGH TENSION WORK

63 Oliver Street, BOSTON

An Accurate Man

needs accurately-made tools to work with, whether he is a professional man or engaged in business.

Ask your stationer for

Dixon's American Graphite Pencils

and, when you try them, you will be surprised to see how well they compare with those of foreign make. The Dixon Co. make them the best they know how. Mention this advertisement and send sixteen cents in stamps, and samples will be sent that will interest you.

JOSEPH DIXON CRU CIBLE COMPANY Ø

Jersey City Ø Ø New Jersey

Hotel Brunswick

American and European Plans

BARNES & DUNKLEE
Proprietors
H. H. BARNES, Manager

Opposite Institute of Technology BOSTON Ø MASSACHUSETTS

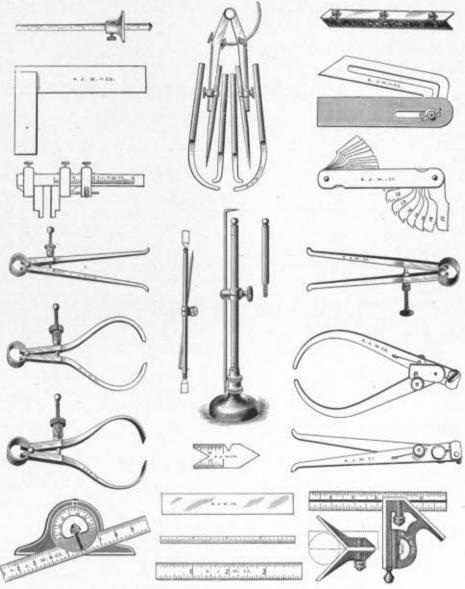
CYRUS T. CLARK CO.

ESTABLISHED OVER 75 YEARS DAVID O. CLARK, Treasurer

Painters
Decorators
and
Hardwood
Finishers

45 WAREHAM STREET # BOSTON

A. J. WILKINSON & CO.



Made by A. J. WILKINSON & CO., Importers, Manufacturers and Dealers in HARDWARE, MACHINISTS' AND MANUFACTURERS' SUPPLIES
180 to 188 Washington & 19 to 25 Devonshire Sts., Between State St. & Dock Square, BOSTON

FRANKLIN LABORATORY SUPPLY CO.

Successors to Franklin Educational Co.

15 HARCOURT STREET - BOSTON, MASS.

Manufacturers and Importers of

Physical, Chemical and Biological Labora tory Supplies

Write for Catalogues or Information

Franklin Laboratory Supply Co.

15 Harcourt Street, Boston, Mass.

EIMER & AMEND

205-211 Third Avenue : : Corner of 18th Street NEW YORK : Manufacturers and Importers of

Themicals, Themical Apparatus Assay Goods, Everything Reeded for the Laboratory. A Complete Line of Testing Instruments of Every Description. Sole Agents for Jena Laboratory Glassware Kahlbaum's Themicals and C.P. Reagents, both best of their kind

Inspection of our greatly-enlarged showrooms respectfully invited

Paper for Notes, Cobers Fountain Pens and All Stationery Supplies

F. W. BARRY, BEALE & COMPANY

108 & 110 Washington St.

BOSTON, MASSACHUSETTS

Frederick Holbrook, William B. Cabot, James W. Rollins, Jr.
William S. Patten, Special Partner

HOLBROOK, CABOT &
DALY

Engineers & Contractors
1140 Tremont Building
BOSTON

Ø

Telephone Number: 1517 Haymarket

VICTOR KOECHL & CO.

H. A. METZ, President

Alizarine and Aniline Colors Dyestuffs and Chemicals

Agents for "FARBWERKE," vorm. Meister, Lucius & Bruning, Hoechst-am-Main, Germany

122 HUDSON STREET, NEW YORK

BRANCHES

BOSTON, PHILADELPHIA, PROVIDENCE AND CHICAGO

RAILROAD TRACK EQUIPMENT

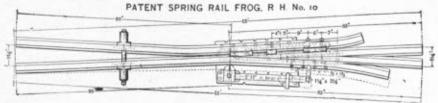


Snow Automatic Safety Switch Stand

The Celebrated

RAMAPO FROGS, SWITCHES AND CROSSINGS





RAMAPO IRON WORKS, HILLBURN, N. Y.





A. S. ADAMS

Maker of the Official M. I. T. DIN

8 Winter Steet, Boston

The only Jeweler in the M. I. T. Co-operative Catalogue

Any Member wearing this Pin will be allowed 10 per cent discount on all purchases.

We now have the above pin in a new half size; also M. I. T. Football Hat Pins, Link Cuff Buttons, Pencil Tips, etc.

Silver Enamel, plain monogram, 75 cents. Silver Enamel, raised monogram, \$1.00 10-karat Gold, plan monogram, \$2.25 14-karat Gold, raised monogram, \$3.00 Small Silver Scarf Pin, 50 cents 14-karat Gold Scarf Pin, \$1.75

J. Bishop and Company Established

MANUFACTURERS OF

Hammered Platinum Ware

OF ALL KINDS

GUARANTEED FREE of BLISTERS or FLAWS

All articles of Platinum re-made or repaired at reasonable rates and guaranteed. Send for circular and prices.

SUGARTOWN, PA.

Express Office, Malvern, Pa.

ARMSTRONG 20th Century



Straight Shank, R. and L. Hand Offset (10 Sizes Each)



Boring Tool (5 sizes)



Cutting-off Tool Straight and Offset Shank (7 Sizes Each)



FOR LATHE AND PLANER WORK serted cutters of SELF HARDENING STEEL

SAVE time and trouble, 70 per cent grinding, 90 per cent tool steel. All forging and tempering dispensed with.

Purdue University, Lafayette, Ind.

ARMSTRONG BROS. TOOL CO.: Gentlemen: Some time ago you sent us for trial one of your No. 9 Boring Tools. It has proved very satisfactory, more than taking the place of the ordi-nary forged boring tool, and in some instances far surpassing it. am much pleased with your tools, and have shown them to a number of visitors, who have a number of visitors, who have appreciated their value, and said they hoped to give them a trial. Enclosed please find another order for tools, which kindly send at once, and oblige.

Respectfully
W. P. TURNER,
Instructor in Machine Work

Manufactured only by ARMSTRONG BROS. TOOL CO.

(The Tool-Holder People) CHICAGO, ILL. U. S. A.
New Tools
Keep Posted
Write for
Catalog







The Standard Open-Circuit Batteries OF THE WORLD.

Gold Medal and Highest Awards, Paris, 1878, 1889, Chicago, 1893.

The batteries bearing the well-known trade mark "Gonda" are, beyond question, the best made in the world, and are everywhere regarded as the Standard. Do not be imposed upon by inferior batteries. See that every cell you buy bears the trade mark "Gonda."

THE LECLANCHE BATTERY COMPANY

III to 117 East 131st St., NEW YORK

The Massachusetts Institute of Technology

HENRY S. PRITCHETT, LL.D., PRESIDENT

HE MASSACHUSETTS INSTITUTE of TECHNOLOGY offers courses, each of four years' duration, leading to the degree of Bachelor of Science, in Civil, Mechanical, Mining, Electrical, Chemical and Sanitary Engineering, in Architecture, Chemistry, Physics, Biology, Geology and Naval Architecture. A less technical course, in General Studies, is offered to students wishing to qualify themselves for business pursuits.

To be admitted to the first-year class, applicants must have attained the age of seventeen, and must pass satisfactory examinations in Algebra, Plane and Solid Geometry, English, History, French (or German), and must present certificates for one of a series of elective subjects.

A division of these entrance-subjects between two successive years is permitted.

Entrance examinations are held at the Institute in June and September of each year. In June applicants may be examined also in New York, Philadelphia, Chicago, and other principal cities. A circular stating times and places is issued in advance, and will be mailed on application.

Graduates of colleges and scientific schools are admitted, without examination, to such advanced standing as is warranted by their previous training.

PUBLICATIONS

The Annual Catalogue, the Report of the President and the Treasurer (issued in December), and any of the following descriptive circulars, will be mailed free on application:

Massachusetts Institute of Technology: an illustrated pamphlet describing the laboratories of the Institute.

Circulars of the Departments of Civil Engineering; Mechanical Engineering; Mining Engineering; Physics and Electrical Engineering; Architecture; Chemistry; Chemical Engineering; Biology; General Studies; Naval Architecture.

Circulars in regard to Admission of Graduates of other Colleges; Opportunities for Teachers; The Lowell School of Design; Summer Courses.

H. W. TYLER, Secretary,

401 Boylston Street, Boston, Mass.



HURD & CO.
570-576 WEST BROADWAY
NEW YORK

A. D. Maclachlan

Importer of and Dealer in

Drawing Materials

Manufacturer of

SCHOOL & COLLEGE SUPPLIES

> 214 Clarendon Street BOSTON

BOSTON & MAINE RAILROAD

Fast Train Service Boston & Chicago

St. Louis, St. Paul, Minneapolis, and all Points WEST, NORTHWEST, SOUTHWEST

LOWEST RATES - Pullman Parlor or Sleeping Cars on all Through Trains

For tickets and information apply at any principal ticket office of the Company

D. J. FLANDERS, General Passenger and Ticket Agent

BOSTON, MASS.

The DRAPER COMPANY HOPEDALE: MASSACHUSETTS

Officers

WM. F. DRAPER, President

EBEN S. DRAPER, Agent, M.I.T., '78

GEO. A. DRAPER, Treasurer, M.I.T., '76 GEO. OTIS DRAPER, Secretary, M.I.T., '87

Emproved Cotton Machinery



For Spinning, Spooling, Warping Twisting, Dyeing and Weaving

CHARLES RIVER IRON WORKS

EDWARD KENDALL & SONS

MANUFACTURERS OF

Steam Boilers, Tanks and Plate Iron Work of Every Description



END WEST BOSTON BRIDGE CAMBRIDGEPORT, MASS.

BUFFALO BOLT COMPANY

BUFFALO, NEW YORK

Send for Catalogue

MANY YEARS EXPERIENCE

IN ILLUSTRATING

COLLEGE ANNUALS

HAS GIVEN US A THOROUGH KNOWL-EDGE OF THEIR REQUIREMENTS

WE HAVE ILLUSTRATED

THE AFTERMATH—THE PRISM—THE ECHO
—VASSARION—VIOLET—ANDOVER CLASS
BOOK—THE HUB—TECHNIQUE—GARNET—
THE ORACLE—BRIC-A-BRAC—THE PURPLE—
SMITH COLLEGE CLASS BOOK—SALMAGUNDI
—THE INTERPRES—TRINITY IVY—HARVARD
ILLUSTRATED MAGAZINE—TECH. QUARTERLY

DO NOT CLOSE Your Contract WITHOUT FIRST SEEING US

SUFFOLK ENGRAVING and ELECTROTYPING COMPANY

Nos. 234-236 CONGRESS STREET, SUFFOLK BUILDING BOSTON, MASSACHUSETTS Users of Lumber get what they want at the right prices from

George W. Gale Lumber Co. stock, MILL AND DRY HOUSES

640 MAIN STREET: : CAMBRIDGEPORT, MASS.



Andrews, Jaques & Rantoul, Architects, Boston

CABOT'S SHINGLE STAINS

For HOUSES, BARNS, STABLES, SHEDS, FENCES and all rough woodwork, especially shingles. They are softer and richer in color, easier and quicker to apply, wear better, look better and are fifty per cent. cheaper than paint Creosote, the chief ingredient, is the best wood preservative known.

Twenty-four Samples of Stained Wood, with Chart of Color Combinations, Sent on Application . .

SAMUEL CABOT: 70 Kilby St., Boston, Mass.
Agents At All Central Points

SHEATHING "QUILT" Better than Back-Plaster &

Fine China and Glass

The subscribers invite the attention of intending purchasers, or those interested in seeing the new products of the best potteries and glass houses of France, England and Germany constantly arriving. Visitors will see the

> Newcst Designs of Haviland, Minton, Wedgewood, the Royal Worcester and the Cauldon Potteries

in sets or single pieces. New subjects of the Wedgwood Historical series. Inspection invited.

JONES, McDUFFEE & STRATTON CO.: China and Glass Merchants
120 FRANKLIN, COR. FEDERAL SEVEN FLOORS

New York and Boston Dyewood Co.

WORKS: BROOKLYN AND BOSTON

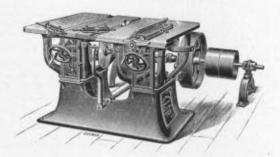
MANUFACTURERS OF

DYEWOODS AND EXTRACTS
For Dyeing and Tanning.
Importers of INDIGO AND ANILINE COLORS

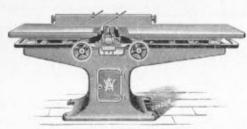
156 William Street New York 115 and 117 High Streets Boston 122 and 124 Arch Street Philadelphia

WOOD WORKING MACHINERY EQUIPMENT

FOR TECHNICAL SCHOOLS, PLANING MILLS, CAR SHOPS SHIPBUILDING PLANTS, PATTERN SHOPS, BOX FACTORIES



NO. 173 DOUBLE IRON SAW BENCH

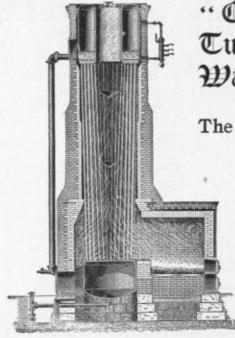


NO. 98 IMPROVED JOINTING AND FACING

S. A. WOODS MACHINE COMP'Y

Established in 1854 Send for Bulletin T

SOUTH BOSTON, MASSACHUSETTS, U.S.A.



"Cahall" Pertical Water Tube Boilers and Horizontal Water Tube Boilers

MANUFACTURED BY

The Aultman & Taylor Machinery Co.

CAHALL SALES DEPARTMENT

PITTSBURGH, PA.
PHILADELPHIA, PA.
NEW YORK, N. Y.
BOSTON, MASS.
CHICAGO, ILL.
CINCINNATI, O.
SAN FRANCISCO, CAL.
DENVER, COL.
1

Bank of Commerce Building
A. Drexel Building
Taylor Building
Tremont Building
The Rookery
Weave Building
CAL. Henshaw, Bulkley & Co.
Hendrie & Botthoff Mfg. and Supply Co.

SEND FOR ILLUSTRATED CATALOGUE

SPECIAL SETS

Drafting Instruments

For M.I.T. Students

At Lowest Prices

Largest Stock in New England of

Drawing and Blue Process Papers, Scales, Tri angles, Curves, T Squares, Pencils, Colors Brushes, Drawing Inks and Artists' Materials

Ø

WADSWORTH, HOWLAND & CO.

NCORPORATED

Manufacturers of School Colors and Artists' and Draftsmen's Supplies of Every Description

-

82 and 84 Washington Street

216 and 218 Clarendon Street BOSTON, MASSACHUSETTS

FACTORIES: MALDEN, MASSACHUSETTS

The Baker & Adamson Chemical Company

MANUFACTURERS OF CHEMICALLY PURE MURIATIC, NITRIC AND SULPHURIC ACIDS AND AMMONIA, CHEMICALLY PURE SALTS, ASHLESS FILTER PAPERS, ETC.

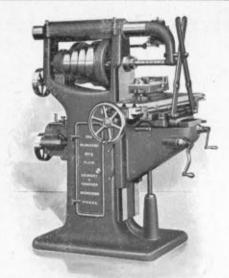
Works: Easton & Versailles, Pa.
Office - Easton, Pa.

Milwaukee Milling Machines

PLAIN & UNIVERSAL



Send for Circular





Machine Tools and Supplies

For Machine and Repair Shops



Also AIR TOOLS AND COMPRESSORS

Machine Shop in Operation at Our Chicago Store

HILL, CLARKE & CO.

BOSTON

NEW YORK

CHICAGO

Machine Company

NORTH ADAMS

MASS.

Manufacturers of

FRICTION CLUTCH **PULLEYS & CUT-OFF** COUPLINGS

SHAFTING

and ALL ITS ACCESSORIES For POWER TRANSMISSION

James Hunter Manville Covering Co.

283 Pitman St., Providence, R. I.

Manufacturers of

MANVILLE'S PATENT SECTIONAL COVERING

For Steam, Hot and Cold Water Pipes, Boilers, Etc.

ALL GRADES OF SECTIONAL & PLASTIC COVERING FOR HIGH & LOW PRESSURE

Asbestos and Magnesia Cement. Wool Felt and Frost-Proof Coverings

> Specialties in Furnace Pipe Coverings or Hot Air, Brine and Ammonia Pipe Coverings

BOSTON OFFICE - 32 OLIVER STREET

Telephone 3036 Main.

Warren's Bituminous Macadam Water-Proof Pavement

The Ideal Roadway of Today

1st It affords a perfect footing for horses, even if laid on a steep grade.

and It is unaffected by water and will not rot.

3rd No pavement laid with our Method has ever cracked.

4th It is cleanly and sanitary.

It Overcomes the Faults of Both the Asphalt & Macadam Pavement & is Recommended by City Officials and Tax-Payers We Invite Investigation

WARREN BROTHERS COMPANY 143 Federal Street, BOSTON, MASS.

JESSOP'S

Awarded Gold Medal World's Columbian

Nineteen Hundred

Awarded Grand Prix at Paris STEEL

Best English Steel, Best Tool Steel, in great Variety of Sizes. Rock Drill Steel (in bond or duty paid) Best Circular and Band Saw Plates. Best Annealed Tool and Die Steel. Double Shear and Sheet Steel, Truss Spring and Blister Steel. Annealed Die Blocks

Wm. JESSOP & SONS Limited

Chief American Office

91 John Street. - NEW YORK

W. F. WAGNER, General Manager Manufactory, SHEFFIELD, ENGLAND

KUTTROFF, PICKHARDT & CO.

Sole importers of the products manufactured by

BADISCHE ANLIN- & SODA - FABRIK,

Ludwigshafen o/Rh., Germany

128 DUANE ST. - NEW YORK

Branch Offices:

Boston

153 Milk Street

Providence

80 So. Water Street

Philadelphia

207 Chestnut Street

Chicago

207 Michigan Street

Aniline and Alizarine Dyes

Colors, Chemicals, and Indigo

Technical Chemicals, Liquid Chlorine

Anhydrous Sulphuric Acid, also Fuming, all strengths

C. F. HOVEY & CO.

IMPORTERS, JOBBERS AND RETAILERS OF

DRY GOODS

GENTLEMEN'S FURNISHING GOODS

CUSTOM-MADE SHIRTS A SPECIALTY

BOSTON, MASS.:

33 SUMMER STREET and 42 AVON STREET

COCHRANE CHEMICAL CO.

55 KILBY STREET, BOSTON, MASS.

MANUFACTURERS OF

OIL VITRIOL
MURIATIC ACID
NITRIC ACID
AQUA FORTIS
ACETIC ACID
TIN CRYSTALS
MURIATES OF TIN

GLAUBER'S SALT
EXTRACT INDIGO
AQUA AMMONIA
SULPHATE AMMONIA
SAL AMMONIAC
SULPHATE SODA
BISULPHATE SODA

BISULPHITE SODA HYPOSULPHITE SODA SULPHIDE SODA STANNATE SODA ALUM POROUS ALUM SULPHATE ALUMINA CHLORIDE ALUMINA WOOL CARBONIZERS NITRATE IRON NITRATE COPPER CHLORIDE ZINC IRON LIQUORS

ELECTROLYTE OR STORAGE BATTERY SOLUTION, OXY. MUR. ANTIMONY AND OTHER CHEMICALS.

BUSINESS FOUNDED 1849

WORKS AT EVERETT, MASS.

THE WATERBURY CONNECTICUT AND MACHINE CO. U. S. A. Designers and Builders of Sheet - Metal - Working and Special Machinery described in Catalogues. A—Automatic Rivet Machines C—Cartridge Machines C—Cartridge Machines E—Drop, Screw and Foot Presses G—Tube and Rod Drawing Machinery H—Hydraulic Machinery L—Spinning Lathes Edging Lathes etc. M—Open Back Single Acting Power Presses N—Pillar Single Acting Power Presses N—Double Acting Power Presses P—Double Acting Power Presses

R-Rolling Mills, for Sheet Brass etc. S-Shears and Slitters

-Furnaces etc



The Old Corner BOOK STORE

Corner of School and Washington Sts., BOSTON, MASS.

Students at the Institute of Technology
Can obtain their Text-Books at
Special Prices



MAINE DRIVING BELTS, AND BELTING FOR HIGH SPEED AND HARD SERV-ICE A SPECIALTY

Boston, Mass. U. S. A.



J.E.PURDY & COMPANY PHOTOGRAPHERS & ARTISTS

Descrally fitted for the erecution of school and class work. Large reception & waiting rooms: an abundance of dressing and antercoms: two immense operating rooms; two score artists & general facilities for making three thousand pict ures a day. The btrictly high-class productions; modern business methods & always consistent prices. I Serving in 1902 as official photographers to the following senior classes: Wellesley College, Emerson College, Boston College, Boston University, College of Liberal Arts, the School of Theology & The School of Medicine, Dewton Theological Seminary, St. John's Beminary, Dublic Latin School, Girls' Latin School, Rorbury Latin School, Somerville Latin School, English Digh School, Birls' Digh School, Korbury bigb School, Cambridge bigh School, Somerville DighSchool, Wakefield DighSchool, Watertown bigh School, Woburn bigh School, Brookline bigh School, Concord bigh School, Chelsea Digh School, Saugus Digh School and Brighton Digh School. Studio 146 Tremont St.

BAY STATE BELTING CO. 119 Franklin Street BOSTON, MASS.



Sole Tanners and Manufacturers of the

Genuine Indian Tanned Belting & Soling Leather SASH CORD CLOTHES LINES CURTAIN CORD



MASONS' LINES CHALK LINES SHADE LINES, ETG.



Samson Spot Cord

used, after test, for hanging the windows of the HENRY L. PIERCE BUILDING, M. I. T.

Is warranted of pure stock and perfect braid and may be known at sight by its distinctive mark — The Colored Spot.

SAMSON CORDAGE WORKS BOSTON, MASS.

JOHN A. MEAD MFG. CO.

11 BROADWAY, NEW YORK CITY

COAL HANDLING MACHINERY

Clam Shell Shovels, McCaslin Overlapping Gravity
Bucket Conveyor, Cable Railways, Automatic
Railways, Harrison Conveyor

Electric Cars

COAL AND SAND HAND-LING PLANTS DESIGNED AND EQUIPPED

SEND FOR CATALOGUE

Roe Stephens Mfg. Co.

DETROIT, MICH.

Scott's

Gate, Globe, Radiator, Angle, Check, Pop Safety and Relief, and Back Pressure

Valves

Also Flower's Cushion Check VALVES. Goldsmith Throttle Valves

We make a line of extra heavy brass and iron Gate, Globe, Angle and Check Valves that can not be surpassed.

Write for Catalogue.



Scott Valve Co. Western Agents CHICAGO, ILL.

C. A. MORSS
President
EVERETT
MORSS

THE: SIMPLEX: FLECTRICAL: Q

C. A. MORSS, JR. Treasurer J. H. MASON General Manager

77 CORNHILL, BOSTON, MASS.

MANUFACTURERS OF

Insulated Wires and Cables, Interior, Aerial Submarine and Underground

ELECTRIC HEATING DEPARTMENT: All Sorts of Electric Peating Apparatus, Enamel Rheostats, Unit System, Car Peaters

JENKINS BROTHERS



Manufacturers of Jenkins Brothers VALVES



and

Jenkins Standard "96" PACKING

WE have had thirty years' experience in the manufacture of Valves and Sheet Packing for High Pressure Steam. We are beginning the second quarter of a century with valuable experience, and are prepared to furnish Valves and Packing to stand all pressures of Steam, and with facilities for shipping to all parts of the world at short notice. We guarantee in every instance. A complete line carried in stock.

71 John Street, NEW YORK 137 No. Seventh Street, PHILADELPHIA 17 Pearl Street, BOSTON 31 and 33 No. Canal Street, CHICAGO



The MASON REDUCING V A L V E S

are the World's Standard Valves

For Automatically Reducing and Absolutely Maintaining an Even Steam or Air Pressure

They Are Adapted for Every Need, and Guaranteed to Work Perfectly in Every Instance.

Write for Full Information and Splendid References Ø

The Mason Regulator Comp'y BOSTON, MASSACHUSETTS, U.S.A.

M. H. BARKER, Gen'l Mgr.

W. O. LINCOLN, Treas.

AMERICAN TOOL & MACHINE COMPANY

Engineers, Founders and Machinists

Manufacturers of Shafting, Pulleys, Hangers, Friction Clutches, General Machinery and Mill Work, Iron, Brass and Lead Castings

SPECIALTIES: Weston Centrifugals, Hydro-Extractors, Brass-Finishers' Lathes, Belt Knife Splitting Machines, Improved Worral Friction Clutch Couplings and Pulleys, Improved Belt Tighteners & Telephones 64 and 32 Oxford

109 Beach Street, Boston

GEO, HURY D. S. HURY T. J. HURY W. Q. HURY

Huey Brothers

Engineers and Contractors for

ALL KINDS OF

Heating and Plumbing



35 Hartford Street, Telephone BOSTON, MASS.

AMERICAN CON STRUCTION CO.

153 MILK ST. - BOSTON, U.S.A.

Manufacturers of THE KEMPSTER PATENT ROLLER-BEARING WIRE-ROPE SHEAVES for Steam and Electric Cranes, Derricks, Coal Hoists and All Heavy Work, Wire Rope, Steel Clad Sheave.





FOR CATALOG ADDRESS SMITH & WESSON, SPRINGFIELD, MASS.

VALVES

Balanced Valves of the Piston or Slide Type. We make Balanced Valves that *are* balanced.

> Guaranteed Under 250 Lbs. Pressure. Best Distribution of Steam.

Main Valves *are* important. You need the *best*. We have some new types fully up to any requirement. Detailed explanation with pleasure.

AMERICAN BALANCED VALVE COMPANY

Main Office - - - San Francisco, Cal.
Eastern Office and Works Jersey Shore, Pa.



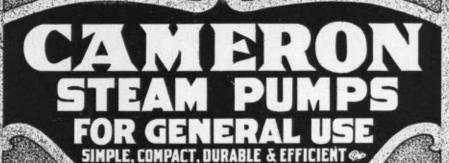
SPINOZA
At the head of the new "Professional Course"

Bleaching, Dyeing, Drying and Finishing Machinery



For COTTON, Linen, Silk, Woolen and Worsted Goods Lace, Thread, Yarn and FINE PAPERS

GRANGER FOUNDRY & MACHINE COMPANY, Providence, R. I.

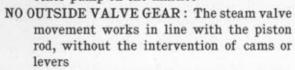


The Cameron Pump has fewer working parts than any other steam pump made

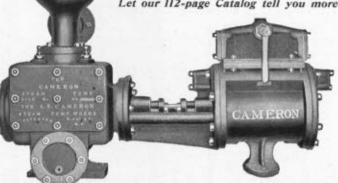
COMPACT: Has no equal in compactness; can be taken apart without disconnecting any of the pipes

DURABLE: The steam mechanism consists of four strong pieces only, none of them delicate, intricate or exposed

EFFICIENT: Are more effective and more economical than any other pump on the market



Let our 112-page Catalog tell you more about them



J. M. BEMIS, President

G. B. ROBERTS, Treasurer

Roberts Iron Works Co

MANUFACTURERS OF

Steam Boilers and Pressure Tanks...

PLATE & SHEET STEEL WORK OF EVERY DESCRIPTION
Telephone: 121 Cambridge

180 to 198 Main Street, CAMBRIDGEPORT, MASS.





Norfolk and Western Railway Co

ROUTES OF TRANSIT FOR YOUR HOMEWARD JOURNEY

To Tech Men: For your Homeward Journey, we would respectfully ask your favorable consideration for one of our Routes.

SEA AND RAIL

The Norfolk Route offers a delightful Sea Voyage of forty hours, Boston to Norfolk, by the palatial steamships of the M. & M. T. Co., and thence Norfolk & Western Railway.

ALL RAIL

The Shenandoah Valley Route, made famous by Luray Caverns and Natural Bridge.

The Washington Lynchburg Bristol Chattanooga Route, old and reliable.

The Region traversed is wild in scenic beauty and famed in history.

We reach all points South and West.

Please call or write for Rates and Schedules.

Very respectfully,

J. H. McCORMACK, Traveling Agent.

C. P. GAITHER, N. E. Agent

New England Agency, 112 Summer Street, Boston, Mass. Telephone 2891 Main

VIBRATOR FRAME AND SPLIT PATTERN Vibrator Molding Machines

AVOIDING THE USE OF STRIPPING PLATES

JAMES HARTLEY & CO. of Manchester, Ltd.

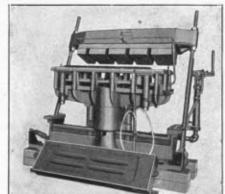
38 Victoria Buildings, Manchester, England

SCHUCHARDT & SCHUTTE

Vienna, Berlin, Brussels, St. Petersburg

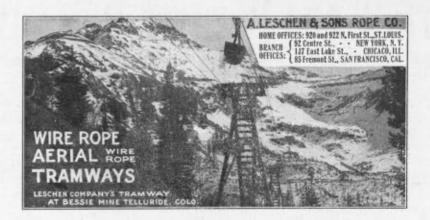
THE DOMINION RADIATOR CO., Ltd.

Toronto, Ontario



MACHINES FOR RADIATORS, FLASK 12in. X 41in.

THE TABOR MANUFACTURING COMP'Y EIGHTEENTH AND HAMILTON STREETS # # PHILADELPHIA, PA.



ATLANTIC WORKS

INCORPORATED 1853

Border, Maverick and New Streets - - EAST BOSTON, MASS.

Builders of

Stationary BOILERS Marine

PLATE and SHEET IRON of Every Description, STEAMSHIPS TOWBOATS, YACHTS and HEAVY MACHINERY

HANLEY CONSTRUCTION COMPANY

QUINCY, MASS., Nine Miles from Boston @ TELEPHONE CONNECTION

YACHT BASIN: 800 feet by 500 feet; 10 to 20 feet of water at low tide. MARINE RAIL-WAY: 800 tons capacity, 2 cradles, 100 feet of water at low tide. * Designers and Builders of

Cruising and Racing Yachts and Launches

Exceptional facilities for alterations and repairs. Manufacturers and Dealers in Patent Metal Blocks Slide Rigs, Turnbuckles and Yacht Hardware of All Descriptions. High-Speed Gasoline Launches and Yacht Tenders a Specialty. Our System of Boat Railways is Unsurpassed for the Cleaning and Painting of Yachts and Launches. "Genesee," "Calipso," "Mumer" "Thordis," "Cadillac" and "Areyto" All Prize-Winners.

STUART HOWLAND COMP'Y

LARGEST AND MOST COMPLETE LINE IN NEW ENGLAND OF

ELECTRIC LIGHT, TELEPHONE & STREET-RAILWAY SUPPLIES

BRANCH OFFICE 26 CORTLANDT ST., NEW YORK

279-287 DEVONSHIRE ST.

BOSTON, MASS.

"VULCANITE" PORTLAND CEMENT

Offices: PHILADELPHIA, NEW YORK AND CHICAGO



THE UNITED GAS IMPROVEMENT COMPANY

DREXEL BUILDING, PHILADELPHIA, PA.

Owners & Lessees of Gas Works

Originators and Builders of the Standard Double Superheated Lowe Water Gas Apparatus. 391 Sets in Daily Use. Total Daily Capacity, 256,975,000 Cubic Feet.

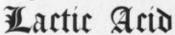
GAS ANALYSES APPARATUS

BAR PHOTOMETERS

SPECIAL PRESSURE RECORDING GAUGES

Avery Chemical Co.

Largest Manufacturers of



In the World



Works at Littleton, Mass.

Cable Address, "Lactic"

MAIN OFFICE, 178 DEVONSHIRE ST B O S T O N, - M A S S SHREVE, CRUMP & LOW CO.

JEWELERS

147 TREMONT STREET

CORNER OF WEST

BOSTON

VALVOLINE OIL COMPANY

LEONARD & ELLIS DEPARTMENT : SOLE MANUFACTURERS OF



Cylinder and Lubricating Oils, Kerosene, Gasolene and Naphtha



W. H. DRESSER & Local Manager 27 STATE STREET: BOSTON, MASS.

EXPLANATORY PAMPHLET

ON PRINCIPAL ADVANTAGES

SIMPLICITY

Three Baths

QUICKNESS

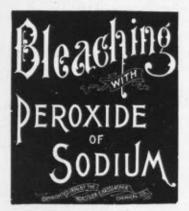
One to five hours

CERTAINTY

Results always same

PERMANENCY

Color totally removed



ON RESULTS OBTAINABLE

WHITE

Without tinting

EFFECT

No yellowing with age

MATERIAL

As strong as before

SAVING

Of time and labor Of freight and storage

The Roessler & Hasslacher Chemical Company

Chemical Works PERTH AMBOY, N.J. Office, NEW YORK

Peroxide Works NIAGARA FALLS, N.Y.





U.S. STANDARD TRAVELER CLEANER

FIRST in Workmanship Quality and Durability

That describes our rings to-day, as it has for nearly 30 years

Manufacturers of HIGH-GRADE SPINNING & TWISTER RINGS RING HOLDERS, U.S.S. TRAVELER CLEANERS & ECONOMICAL TRAVELER CUPS

WHITINSVILLE SPIN NING RING COMPANY

Whitinsville, Massachusetts, U.S. A.

SIMONDS MEG. CO.

ESTABLISHED 1832

Saws and Machine Knives of All Kinds

Our House is Old - Our Reputation the Best

FITCHBURG, MASS., NEW YORK, CHI-CAGO, NEW ORLEANS, SAN FRANCISCO, PORTLAND, ORE., SEATTLE

BOSTON & LOCKPORT BLOCK COMPANY

160 Commercial St., BOSTON 33 South St., NEW YORK

Dighest-Grade Blocks Dumps and Trucks

SEND FOR 1902 CATALOGUE. Contains 140 Pages. Free on Application.







Dock Truck

Chain Hoist

American Circular P Loom Comp'y



Manufacturers of FLEXIBLE IN-TERIOR CONDUIT and ELECTRODUCT

Trade-Mark

OLE

We specialize on these two products in Michigan White Cedar, and have furnished them for all purposes: the poles for telephone, electric-light and trolley-lines, the ties for steam and trolley-roads. Our wide experience in all these different lines is at your disposal, and we know we can help you. We quote delivered prices and ship promptly.

MALTBY LUMBER CO. BAY CITY & MICHIGAN

CHELSEA, MASS., U.S.A. CROSS=TIES

STEVENS FIREARMS



ACATION season is near at hand, and no matter where you plan to go, a reliable arm is a good companion to take along. Shooting is one of the most fascinating sports today, and very popular among ladies. Wherever you go there is always a chance to use a RIFLE, a PISTOL or a SHOTGUN.

We manufacture a large and varied line of them, and since 1864 our arms have been recognized as *Standard*. Our Rifles range from \$3.00 to \$150.00, our Pistols from \$2.50 to \$50.00, and our Shotguns from \$7.50 to \$12.00. If you own a Stevens you will have a reliable arm.

WE MANUFACTURE THE STEVENS-DURYEA AUTOMOBILE

THE FINEST GASOLINE MACHINE BUILT

NEARLY ALL DEALERS IN SPORTING GOODS CARRY A LINE OF STEVENS ARMS SEND FOR OUR CATALOGS :: THEY ARE FULL OF INTEREST :: WE ISSUE SEVERAL

J. STEVENS ARMS & TOOL CO.

THREE HUNDRED FIFTY MAIN STREET CHICOPEE FALLS: MASSACHUSETTS

RAWSON & MORRISON MANUFACTURING COMPANY

Originators and Builders of

Automatic Coal Handling Machinery

"STANDARD" AND "EASTERN" HOISTING ENGINES ELECTRIC HOISTS, CABLEWAYS & SPECIAL MACHINERY

NEW YORK, 11 Broadway BALTIMORE, 3-5 German CHICAGO, 48-50 Lake St. PHILADELPHIA, 333 Bourse

Works and Executive Offices 31-45 Main St. Cambridgeport, & BOSTON, MASS.

Cable Address MORRISON Long Distance Telephone

BENT & BUSH

387 WASHINGTON STREET BOSTON, MASSACHUSETTS

Tech Emblems

PINS, FLAGS, SPOONS CLASPS, BUCKLES AND STATIONERY

THE.

Weston STANDARD

Voltmeters and Ammeters

PORTABLE, ACCURATE, RELIABLE



For Laboratory Use

Our Instruments are RECOGNIZED as STANDARDS throughout the civilized world.

WESTON ELECTRICAL INSTRUMENT COMPANY

Waverly Park, Essex Co., N. J.

COTTON MILLS

A RECORD: 30,000,000 H. P. in use SAVE FUEL by using

By utilizing the waste heat from your flue gases you are enabled to heat your feed water considerably above boiling point. You can use the most economical condensing auxiliary pumps, with a maximum waste of exhaust, having hot feed water from the economizer. You can use the hot water for heating your mill successfully. You can make a SAVING in fuel of 12 per cent, to 20 per cent. You can m a saving in repairs to your boilers. You can increase the efficiency of your plant.

HOW? By using a Green's Economizer.

Sole Makers in the U.S.A.

THE GREEN FUEL ECONOMIZER CO.

MATTEAWAN, NEW YORK

Boston, 53 State Street

New York, 74 Cortlandt Street Green's Economiser.

Bleach and Dye Works

By using the hot water from the economizer in your kiers and vats you can save 12 per cent, to 20 per cent, in FUEL. You can save 20 per cent. in TIME in the boiling process. You need never run short of steam. You can have hot feed water for your boilers as well as hot water for your DVE HOUSES. You can do better work with less waste. Less comwork with less doning the plaint from your Dyer about not having enough steam, and less grumbling from your engineer that the Dye House is using all the steam, with general satisfaction all around. HOW? By using



The Senior Class Photographer

FOR 1901 & 1902 OF MASSACHUSETTS INSTITUTE OF TECHNOLOGY. "Salon" Honors Awarded by The Photographers Association of New England at their Conventions, 1900 and 1901

■ Specially Favorable Rates to All Students of M. J. T. ■ Portraits in Carbonette, Platinum and Carbon

CHARLES W. HEARN

Studio: 394 Boylston St., Near Berkeley

HEWINS & HOLLIS

MEN'S FURNISHING GOODS SHIRTS TO ORDER

4 HAMILTON PLACE

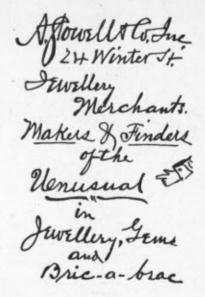
BOSTON

THE BERKELEY HOTEL

BERKELEY & BOYLSTON STS NEAR TECHNOLOGY BUILDINGS

> EUROPEAN AND AMERICAN PLANS

JOHN A. SHERLOCK





THE ALTON'S ENGINEER. IF YOU WILL SEND THE ADDRESS OF A PERSON WHO, WITHIN A YEAR, WILL HAVE USE FOR THE CHICAGO & ALTON RAILWAY



(TERRITORY COVERED OUTLINED IN (TERRITORY COVERED OUTLINED IN A BOVE MAP), WE WILL MAIL TO YOU A PICTURE, 4½ X3 INCHES, OF THE ALTON'S ENGINEER. IP, IN ADDITION, YOU WILL TELL US IN WHAT PUBLICATION YOU READ THIS ADVERTISEMENT, WE WILL SEND TO YOU A PAMPHLET ABOUT THE BIGGEST CAMERA IN THE WORLD. GEO. J. CHARLTON, GENERAL PASSENGER AGENT, CHICAGO & ALTON RAILWAY, CHICAGO, ILL.

RUBBER GOODS



rior Quality

BELTING for Power Transmission and Carriers

HOSE for All Purposes

RUBBER COVERED ROLLERS

Gaskets, Valves, Springs, Etc.

PACKINGS in Great Variety

MANUFACTURED BY

BOSTON BELTING COMPANY

JAMES BENNETT FORSYTH, Manufacturing Agent and General Manager

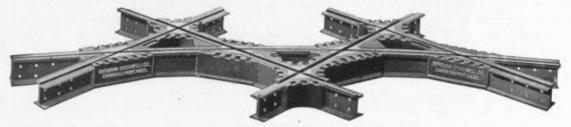
Boston New York Buffalo Chicago

Chicago St. Louis

Atlanta

New Orleans Philadelphia Cincinnati Pittsburg San Francisco Seattle

STEEL RAILS of ALL SECTIONS and WEIGHTS Special Work for Street Railways



Our Switches, Mates & Frogs have Hard Steel Centers

MACHINERY CASTINGS SEWER CASTINGS

BRAKE SHOES

BARBOUR = STOCKWELL CO. 205 BROADWAY, - CAMBRIDGEPORT, MASS.

SMALL STEEL CASTINGS

That are Moulded True to Pattern That are of Tough and Uniform Metal That are Easily Machined (no hard spots) That are Free from Blow or Sand Holes That will take a Fine Polish THAT WILL HARDEN LIKE TOOL STEEL

Send Samples for Prices Stating Quantity Required.

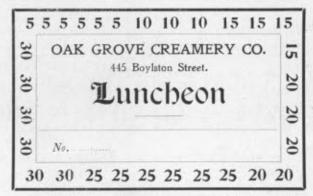
65 & 87 PEARL STREET HOMER F. LIVERMORE, # BOSTON, MASSACHUSETTS

Special Notice to the Technology Students

We wish to announce that we have enlarged our lunch-room, and equipped it with all modern improvements for quick service, and are prepared to serve everything the market affords, well cooked and perfectly served, at reasonable prices.

Below is a fac simile of check worth \$5.50 which we sell for \$5.00.

OAK GROVE CREAMERY COMPANY



OAK GROVE CREAMERY COMPANY

We also serve the regular dairy lunches, pure milk and cream, fresh-churned butter, fresh-laid eggs, and creamery cheese. All our products come from our own dairy, and are of the best quality and freshness. 445 Boylston Street, cor. Berkeley. OAK GROVE CREAMERY CO. N. L. MARTIN, Prop.



C. L. BERGER & SONS

Improved Engineering & Surbering Instruments

9 PROVINCE COURT : BOSTON

They secure in their instruments: Accuracy of Division; Simplicity in Manipulation; Lightness Combined with Strength; A Chromatic Telescope, with High Power; Steadiness of Adjustments Under Varying Temperatures; Stiffness to Avoid Any Tremor, Even in a Strong Wind and Therough Workmankip in Every Part.

Their instruments are in general use by the U. S. Government Engineers, Geologists and Sorveyors, and the range of instruments, as made by them for River, Harbor, City, Bridge, Tunnel, Railroad and Mining Engineering, as well as those made for Triangulation or Topographical Work and Land Surveying, Etc., is larger than that of any other firm in the country.

ILLUSTRATED MANUAL AND CATALOGUE SENT ON APPLICATION

The Most Thor oughly Equipped System of Rail roads in the world



A. S. HANSON Gen'l Passenger Agent

BOSTON & ALBANY AND NEW YORK CENTRAL LINES

The luxury and attendance of the most palatial home can not surpass the elegance and superb service fur nished the tourist on the

THROUGH TRAINS & PULLMAN CARS FROM BOSTON

New York, 4 trains daily. Buffalo, 8 trains daily. Cleve land, 6 trains daily. Toledo, 4 trains daily. Detroit, 5 trains daily. Columbus, 3 trains daily. Chicago, 7 trains daily. Cincinnati, 3 trains daily. St. Louis, 3 trains daily

The only direct, double-track route from Boston to Albany, Buffalo and the West

Send for "WESTBOUND"

Lidgerwood Hoisting Engines

ARE BUILT TO GAUGE ON THE DUPLICATE PART SYSTEM

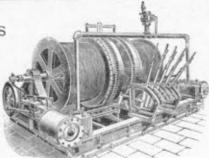
Over 19,000 ANDARD

FOR ENGINEERS CONTRACTORS BUILDERS MINING AND

EXCAVATING



Steam and Electric Hoists



LIDGER WOOD MFG. COMPANY

96 LIBERTY STREET, NEW YORK

Send for Catalogue

A "Tech" Graduate Should Make a Good Superintendent

because he has been well and carefully prepared. That's the very reason why our FACINGS are so much ahead of the common stuff — they are well and carefully prepared. Prove it for yourselves. We'll send samples for the asking.



SPRINGFIELD FACING COMPANY ~ L. S. Brown

33 Lyman Street : Springfield, Massachusetts

PARKER HOUSE

SCHOOL AND TREMONT STREETS

EUROPEAN PLAN

HOTEL TOURAINE

BOYLSTON AND TREMONT STREETS

EUROPEAN PLAN

YOUNG'S HOTEL

COURT STREET

EUROPEAN PLAN

J. R. WHIPPLE & CO.

PROPRIETORS

UNIVERSAL MACHINES



Wind All Kinds of Yarn with Absolute Perfection for Delivery to Knitting Machines, Twisters Braiders & Looms

Universal Winding Company

Keuffel & Esser Co.

127 Fulton Street, New York

Drawing MATERIALS



Surveying INSTRUMENTS

Everything required for Drawing and Surveying The Celebrated Paragon & Other Instruments



SLIDE RULES, OUR OWN MAKE, MOST COMPLETE LINE,
SPECIFIC IMPROVEMENTS



PLANIMETERS IN GREAT VARIETY—INTEGRATORS, INTEGRAPHS All Goods fully Warranted Complete Catalogue (500 pages) on application.

The F. A. Bassette Company Printers of Technique

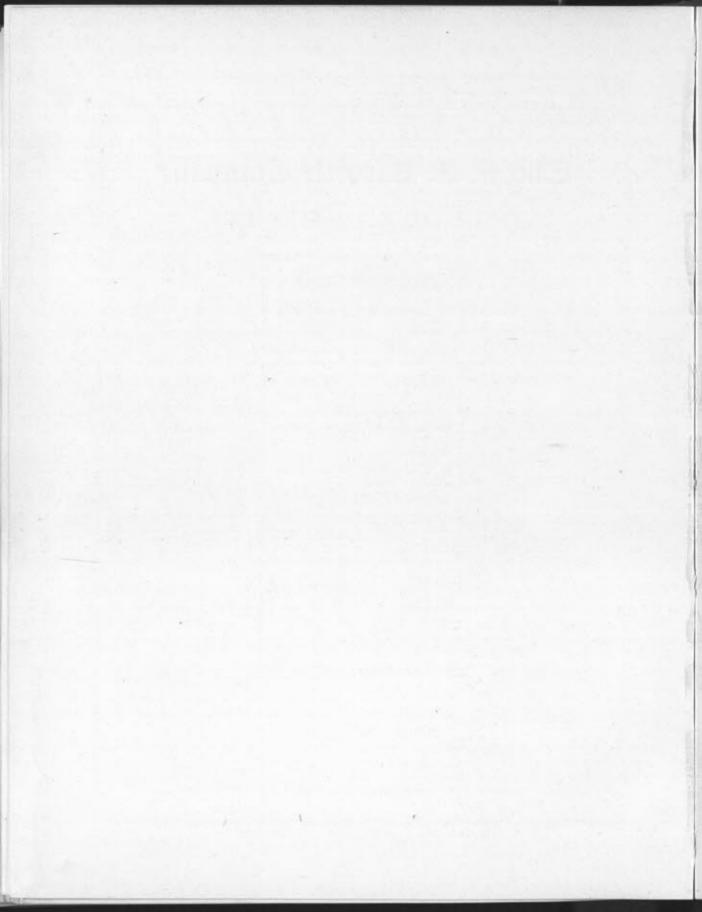


PRODUCING THE CHOIC EST GRADE OF WORK

WHERE ORIGINALITY IN ARRANGE MENT & SKILL IN EXECUTION ARE REQUIRED: PARTICULARLY ILLUSTRAT ED BOOKS & MACHINERY CATALOGS

SPRINGFIELD MASSACHU SETTS: HILLMAN STREET "THE END IS TO BUILD WELL": JUST AS TRUE TODAY AS IN 1651 # # #





STRATHMORE Artist Papers

Adapted for all kinds of drawing

THE COMPLETE LINE INCLUDES

Strathmore Drawing Board

Five thicknesses and two finishes For pen & ink or pencil

Strathmore Illustrating Board

For wash-drawing or water-colors

Strathmore Charcoal Paper

The samples of Strathmore Board you sent us from the Mittineague Paper Company were used by all three art editors of 1903 TECHNIQUE for work in their book. For myself, I take pleasure in saying that for pen and ink work, wash or water-color drawings the Strathmore Drawing Boards have given perfect satisfaction.

Very truly yours

April 11th, 1902

ROBERT FULLER JACKSON

WRITE FOR SAMPLE BOOK

MITTINEAGUE PAPER COMPANY

Mittineague: Massachusetts

TRY THIS SHEET: STRATHMORE DRAWING BOARD: TWO PLY: MEDIUM FINISH



