Canary
Red B
False alarms can cost hundreds of dollars in fines and fees. Interconnected fire alarms in apartments & dorms. Burning food can set off the entire building's alarm.
Consumer Need

Interconnected fire alarms in apartments & dorms

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Interconnected fire alarms in apartments & dorms

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Consumer Need
Interconnected fire alarms in apartments & dorms

Burning food can set off the entire building’s alarm

False alarms can cost hundreds of dollars in fines and fees
Canary

The first alert smoke detector for kitchens
Key Questions

How can we detect smoke quickly?

What is the most logical & effective mounting position?

How can it be made resilient to heat and steam?
Photoelectric Sensing

Standby

Alarm triggered

Photodiode

LED
Clipping Mechanism
Heat and Steam Resistance

Silicone rubber
  Heat resistant

Epoxy
  Steam resistant

Hydrophobic membrane
  Steam resistant
# Benchmarking

<table>
<thead>
<tr>
<th>Feature</th>
<th>Canary</th>
<th>StoveTop/Firestop</th>
<th>Cookstop</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early detection</td>
<td>+</td>
<td>-</td>
<td>+</td>
</tr>
<tr>
<td>Non-disruptive</td>
<td>+</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Audio alarm</td>
<td>+</td>
<td>-</td>
<td>-</td>
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</tbody>
</table>
Market Opportunity

$1.2 billion
Market Opportunity

1 in 3 home cooking fires started by unattended equipment

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Market Opportunity

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$1.2 billion Kitchen gadgets & tools in US in 2017