

ANNA PETROVA

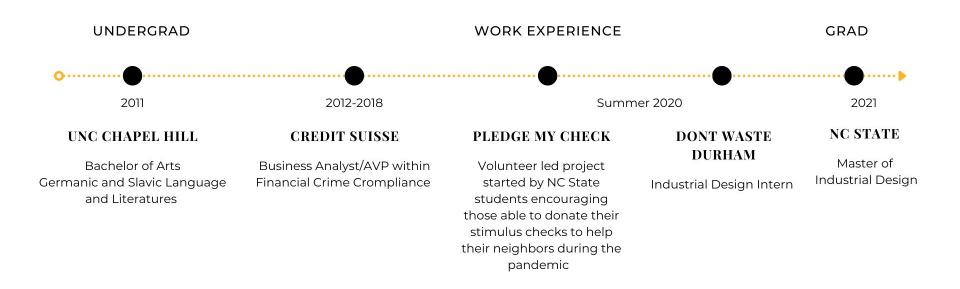
DESIGN PORTFOLIO

Hello. I'm Anna but I also go by Anya

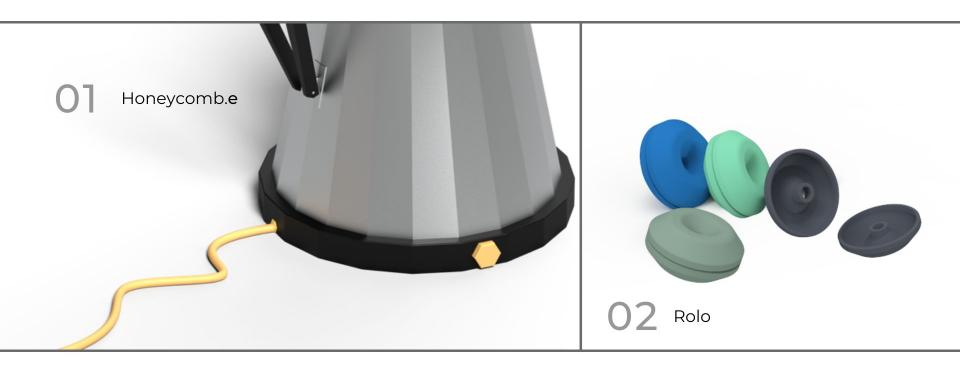
(like Sam and Samatha)

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BACKGROUND



PROJECTS











RISKS



Stings



Smoke



Fire



Heavy Lifting





PRIMARY RESEARCH

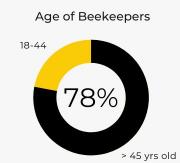
47
Survey
Participants

200m Interviews
45 min - 1 hr long

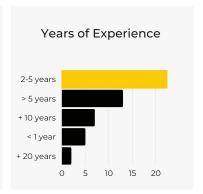












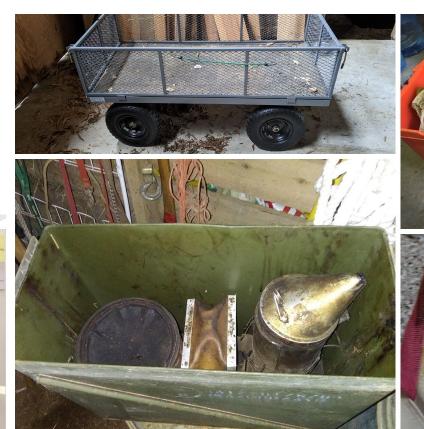


THEMES

Beekeepers improvise tools to make their process easier.









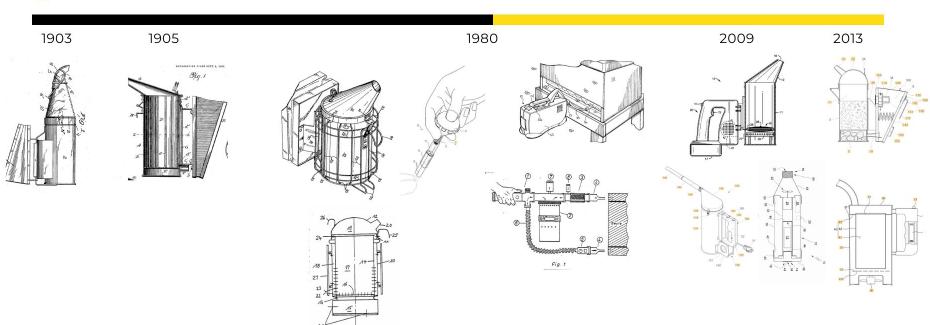
PATENTS



Manual



Electric



DESIGN CRITERIA

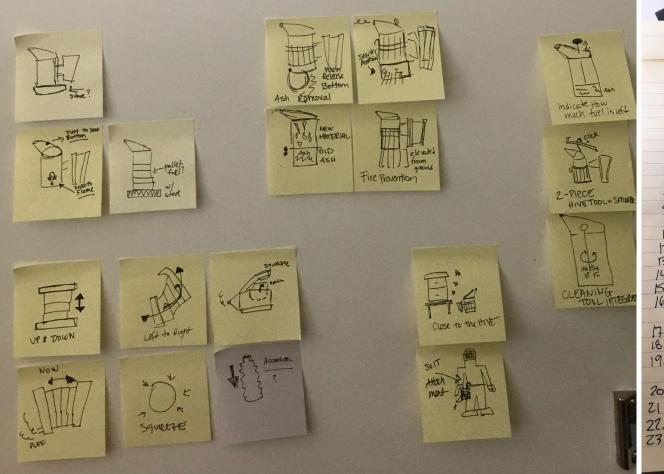
Familiar

Safe

Utility

Calm





Increase UX in bocking for bushes, becausers

Increase ux for hobby beekeepers using the smoker?

1. open closs the smoker when done 2. put: + on ground wout starting a fire 3 change to a flane resisting material Start stop it quickly touch without barning yourself last long time between unspections Don't use smoke to mask the pherenous taster to pick up without kending down Take Notes while using t One hand operation Use it which using how too! Cheap to manufactor retain traditional user value government of the thouse free the easily available material theory borns longer start the smoker inside the barrel us outside

en hands Kept by the hive

No need for podium for ashes, part doesn't bend, break or fall out

Dogust require hands to open mid hive inspects

Replaceable parts

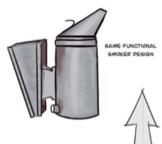
How-to for using (starting) putting it out Don't need to bend unist to point the smalle towards torget

IDEATION

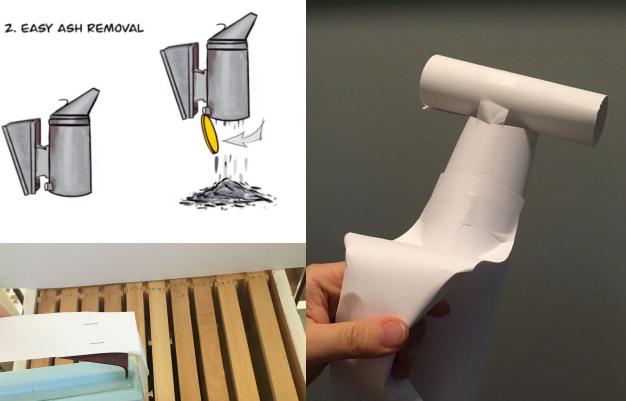




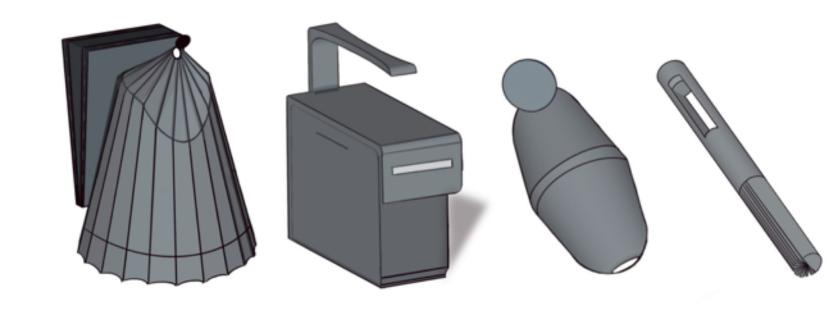


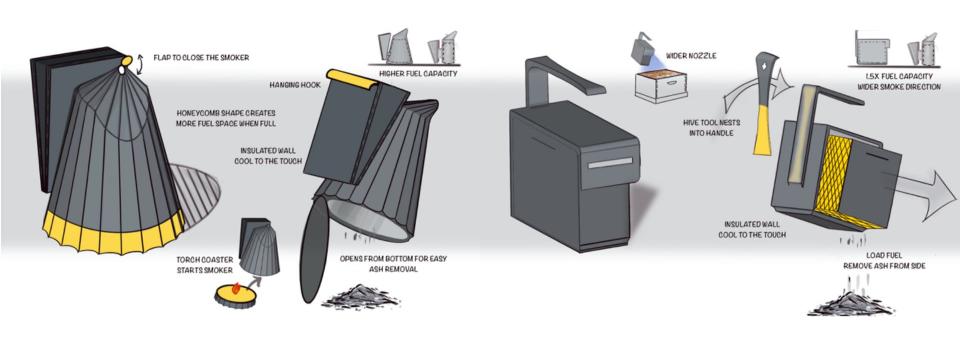


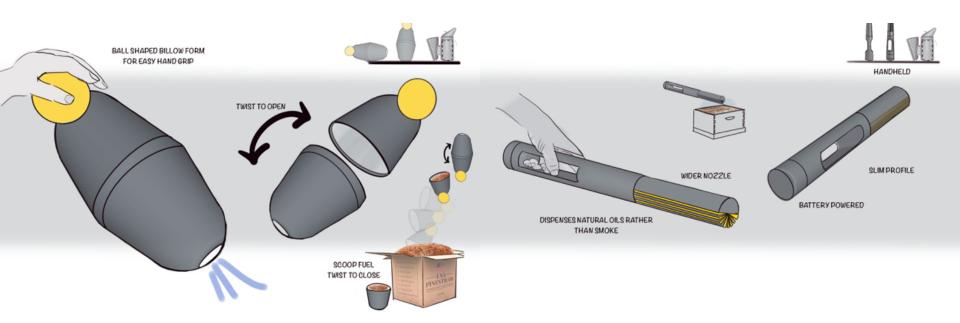




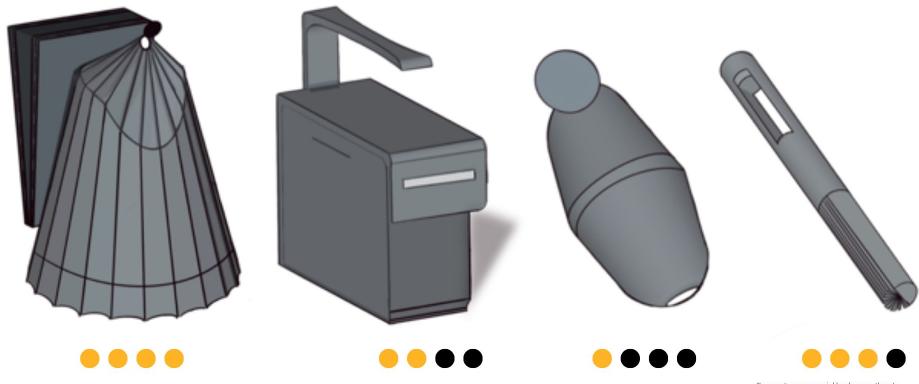
CONCEPTS







CONCEPT USER EVALUATION



" I love the ability to charge and start the smoker faster"

"Why is the shape so different? I wouldn't know how to use these new forms"

"I am not a commercial beekeeper, there's no need to apply oils as I have a few hives to maintain."





Boost button for additional air flow.

Burn button initiates the automatic ignition.

Negative space of the handle also acts as a hook.

Aluminum body. ..

Activate by pressing power button for 2 seconds.

Automatically de-activates after 10 seconds of non-use.



Open/close to prevent fire hazards. Silicone aluminum core.

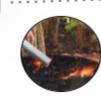


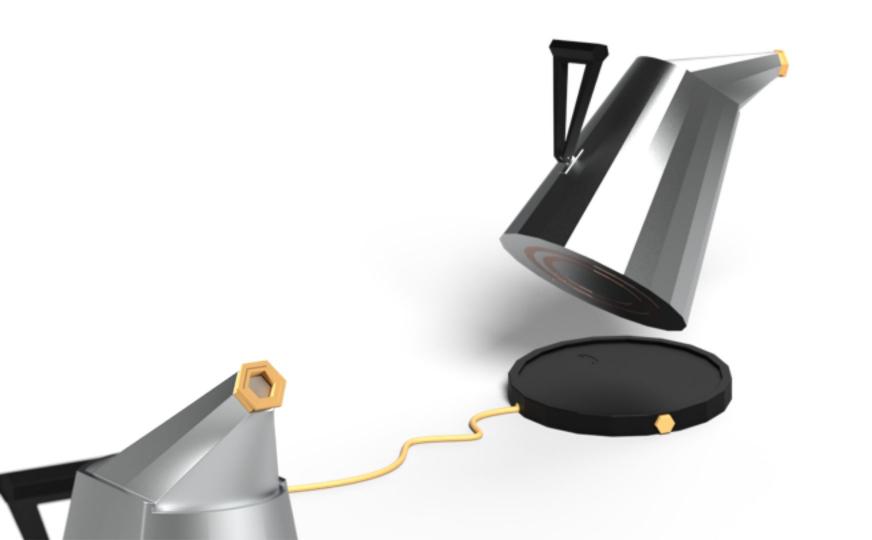
Lid stays on when ash is dumped.

Honeycomb shape allows for higher fuel capacity.

2X wall insulation makes it cool to the touch.

No gas, no flame and no lighter fluid, instead, uses super-heated air.







LOAD FUEL



PUSH TO IGNITE



CLOSE LID TO STOP



O2 Rolo



TRAVEL WITH INTEGRITY

Travel solution for CPAP individuals

The Biggest Barriers to Travel for Baby Boomers

Health
Security

• • • • • • •

Political Unrest • • • • •













Pack

Fly

Use

Clean









Pack Fly Use Hang to Dry









THANK YOU

FOR VIEWING MY WORK.
LOOK FORWARD TO HEARING FROM YOU