



# Living Lamp







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- Prototype
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## Living Lamp

- Test







# Primary Research

This project start from my curiosity of light.  
Light is the material around us everyday but we  
not really feel it until we pay attention. I took a  
picture when I feel joyful seeing the lights.

These joyful phenomenon is because of the  
present of the light. It can be natural light and  
it can also be artificially light.







I also observe closely to the luminaires that occur in our daily life. A simple action such as pouring water into a clear glass have the beautiful texture from the light reflect on water.



Sun lamp.

same frequency as sunlight

10 - 20 min during a day.



SUNLAMP

SUNLamp

salvied

hotel.

jet leg.

Make up lamps.

✓ hotel pay money for making guest up

which hotel?

✓ spectrum the effect people - warmer - COLDER

Light that needs full spectrum

depression is general / moving away from equator

✓ SLEEP CLINIC ⇒ awake cycle the is influence by light

sleep clinic

jet legs.

airplane lighting

EEG can prove weather the user is awake or not

traveling more

✓ traveler with jet leg ⇒ needs light to regulate cycle.

- when is the time for you to expose under sunlight - internal clock

Jet leg clinic

⇒ expose to light

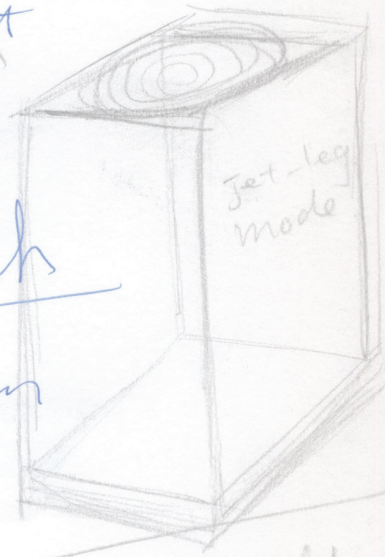
- expose to enough

full spectrum: research.

sunlight so you will be sleeping at night

sun lamp - warm light

redish



Winter Blue

→ how to made people healthy & happy?

- LED spectrum

SEASONAL DISORDER

⇒ supportive research.

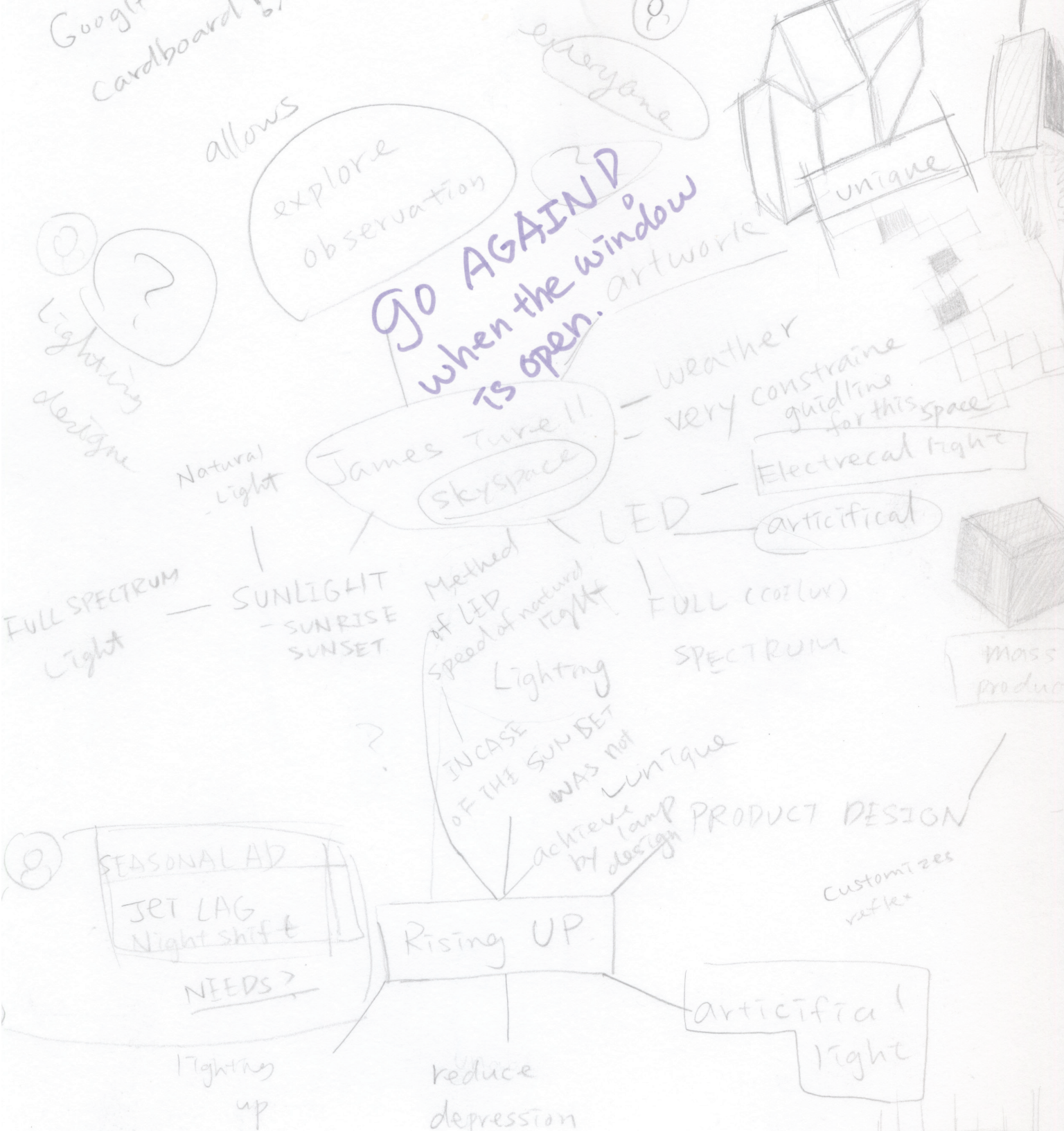
eco-right bulbs  
lights up  
cleanly

portable or not portable

sun goes everywhere

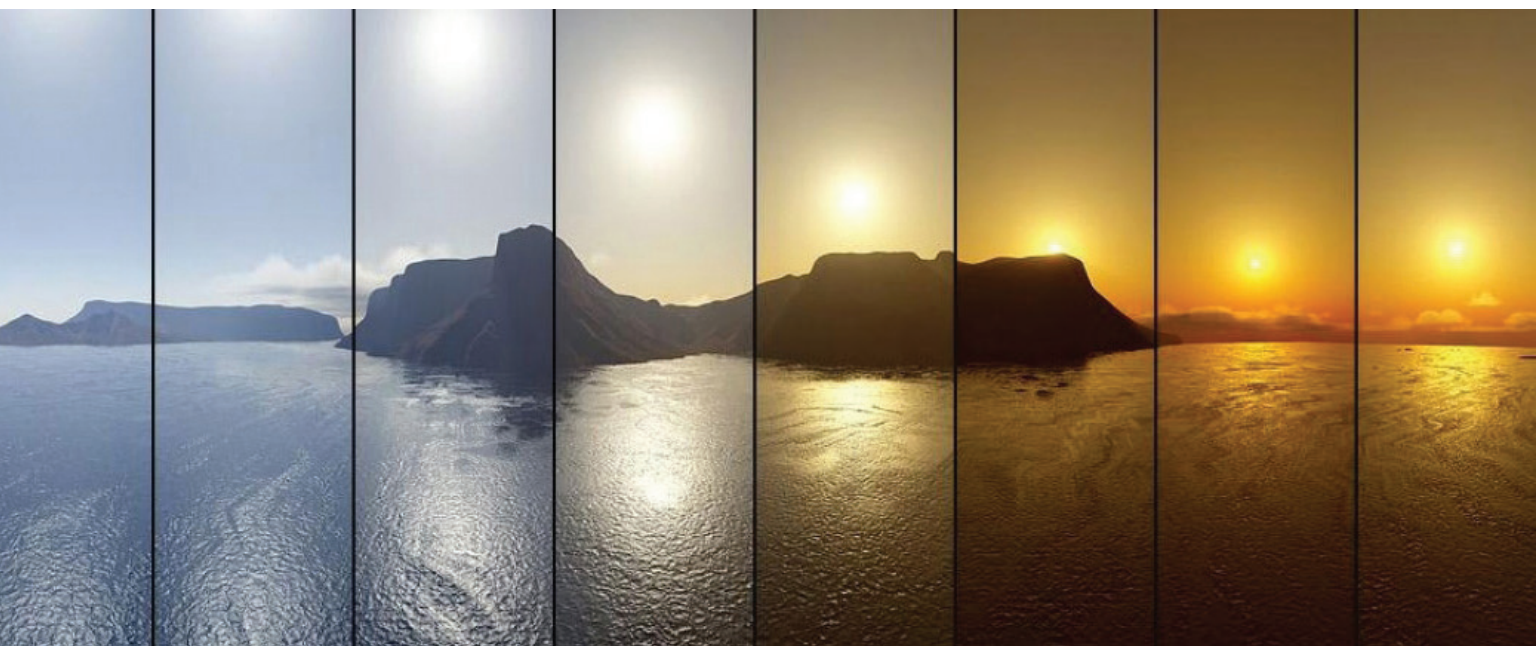
sun bath in the room





# Secondary Research

Start storyboarding visually



I start to research about the impact the natural light effect on us. I realizes light have many effect with human. It will be a major problem is human did not absorb enough of the natural light.

Time spending outdoor : an overview  
Analysis of the time people spend  
On weekdays are 1-1.64 hours per day.

Less than I thought.





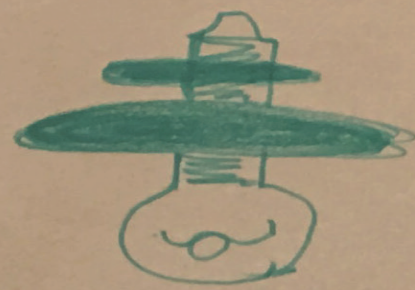
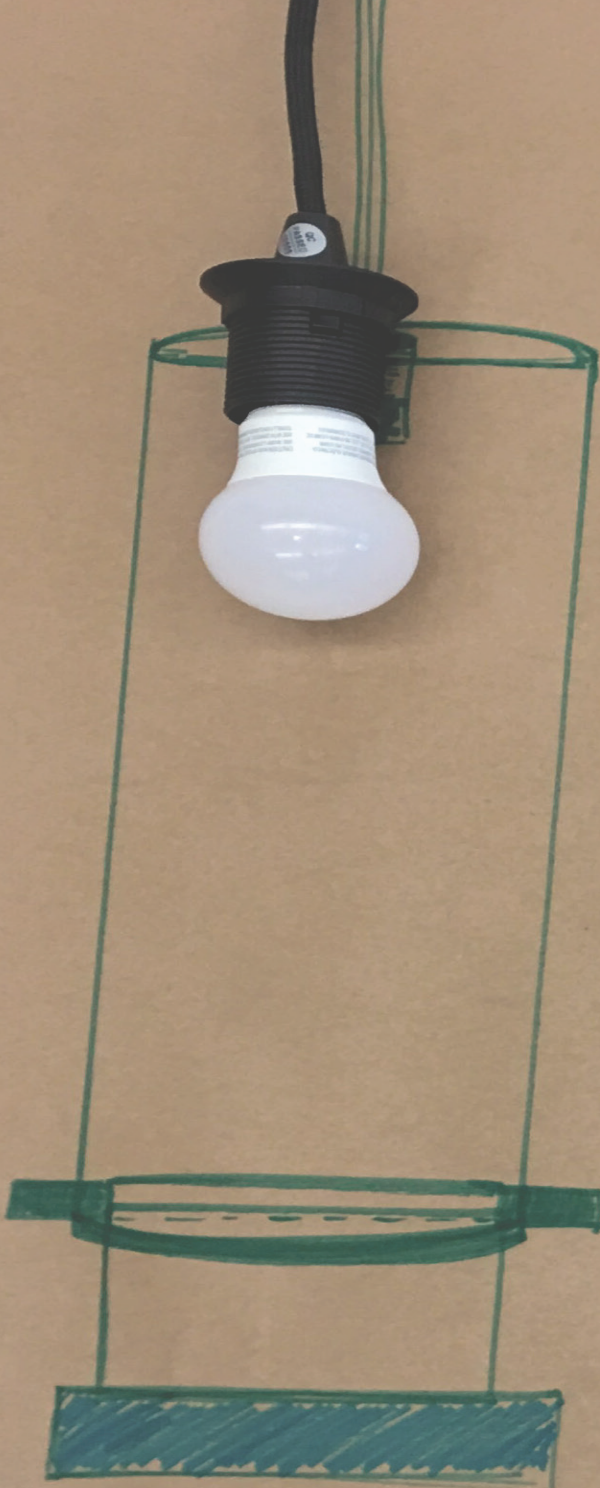
To fill the absent of the natural light, we create many different artifactual light. In Finland they use bright white light to Recreate the signal of natural light.





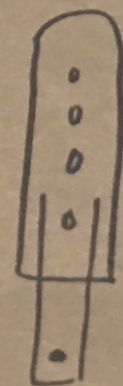
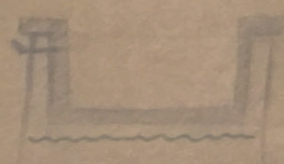
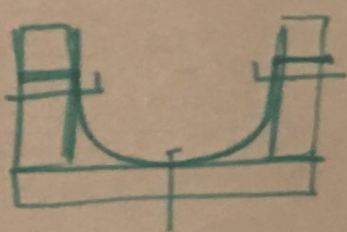
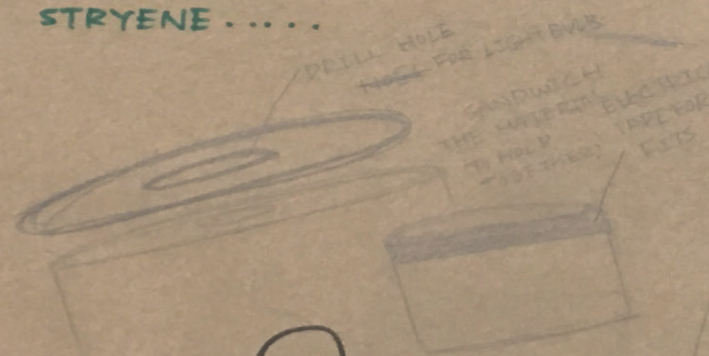


But all I want is recreate this joyful  
moment you saw on the road.



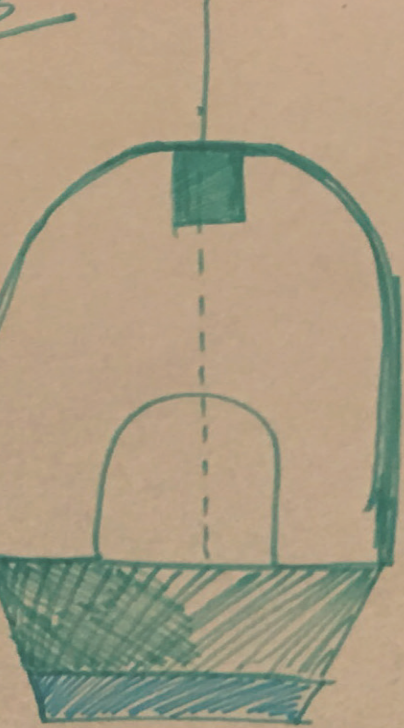
**PLAN A**

YELLOW FOAM (ROD) / RAIL  
CUT IN HALF  
VACUUM FORM WITH  
ACRYLIC (?)  
STYRENE .....

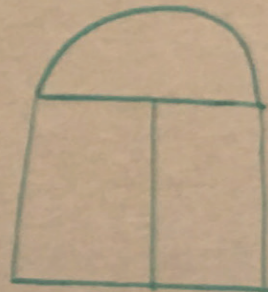
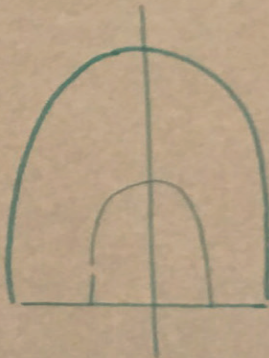
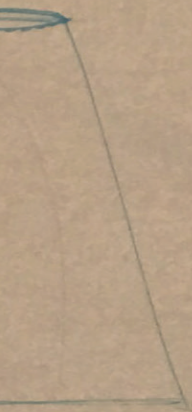
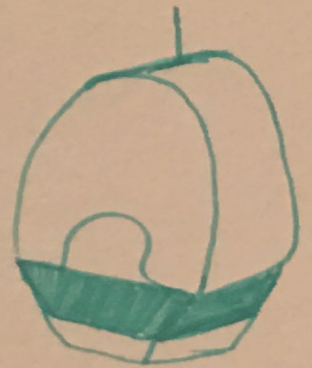


LANGUAGE  
HANDLE



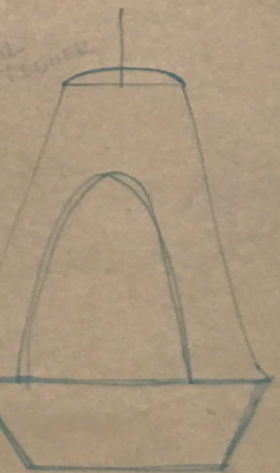
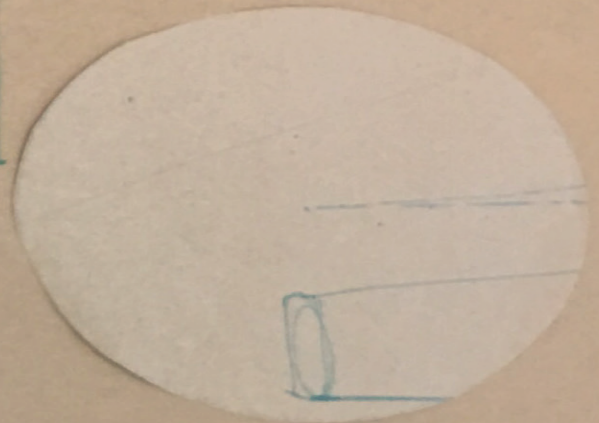


Vacuum form?

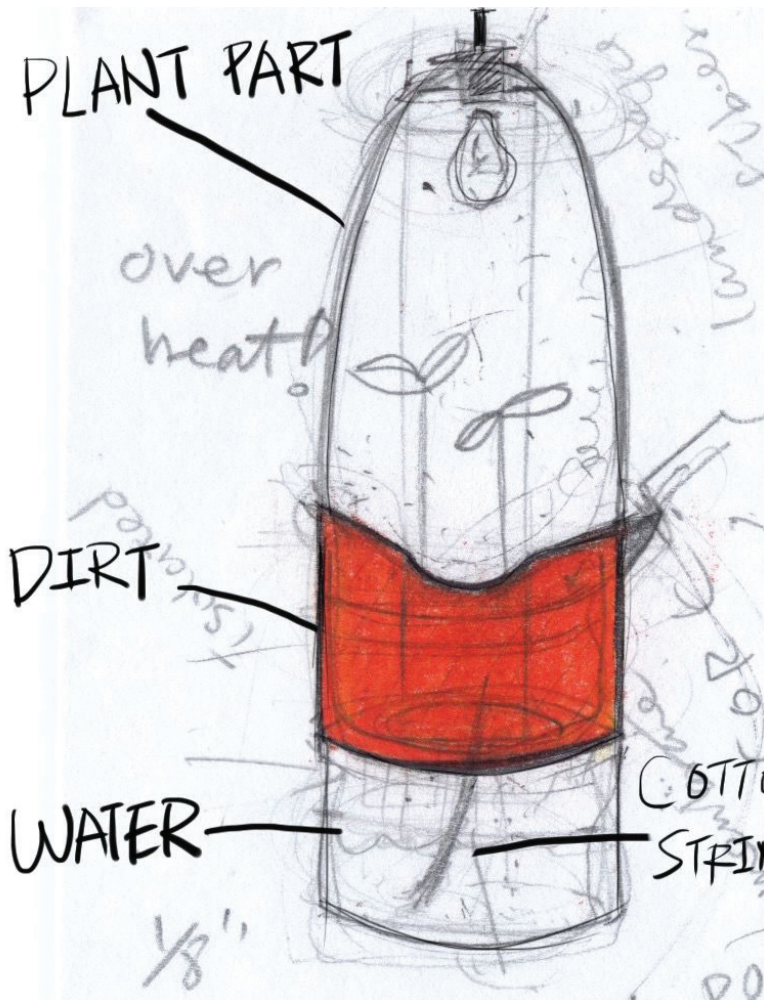


### MATERIAL LIST

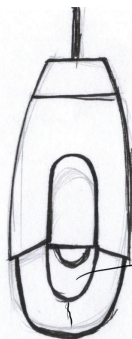
ACRYLIC SHEET 1/8"  
STYRENE SHEET 1/8"  
POXY  
WELD ON  
CORK  
SCREEN  
FOAM (YELLOW)



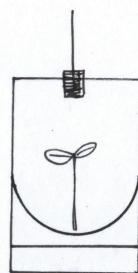
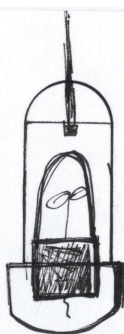
Process : Ideation



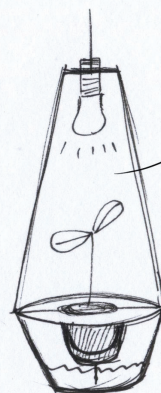
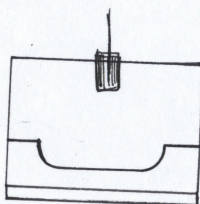
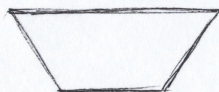
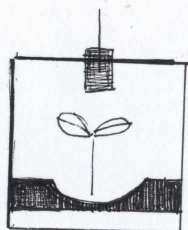
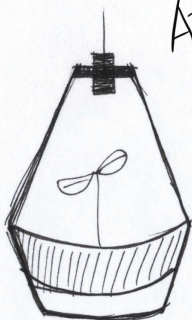




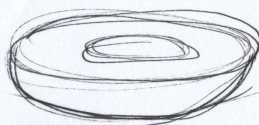
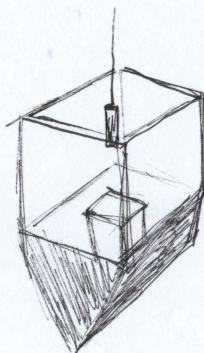
ALLOW  
AIR FLOW



FULLY  
CLOSED?



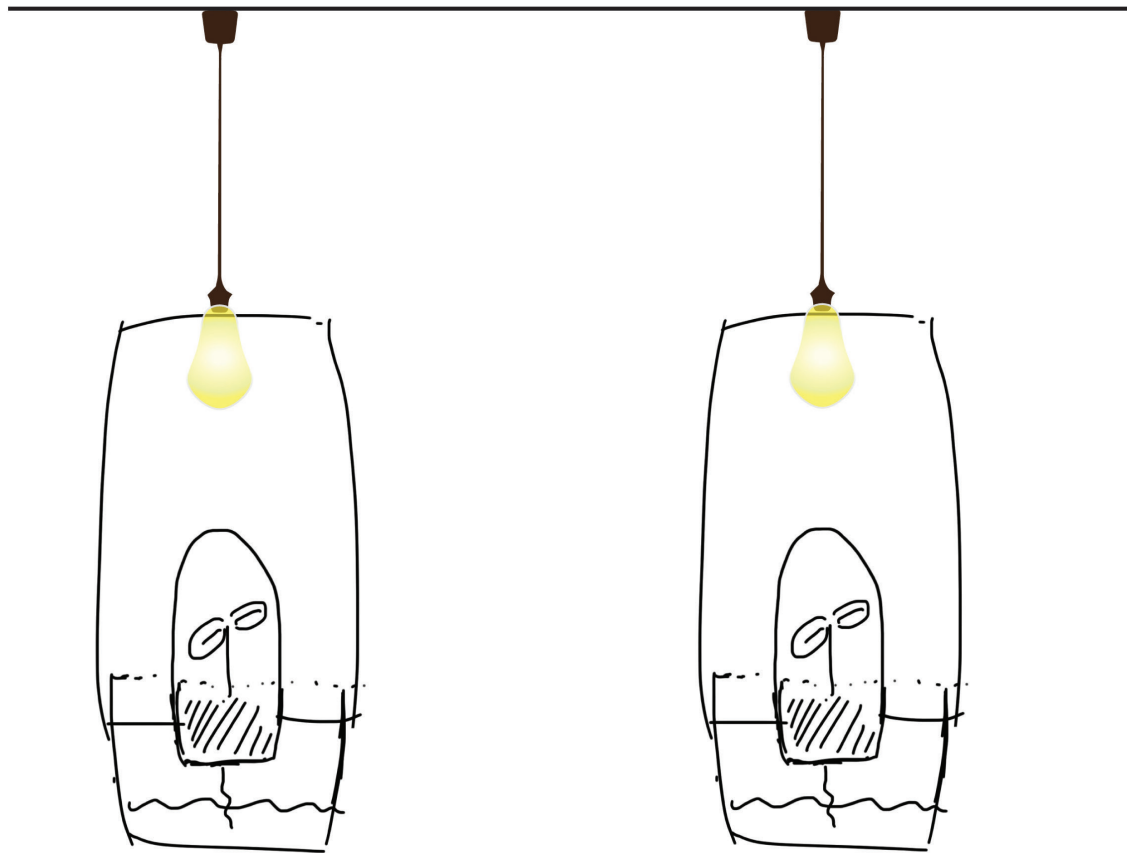
MAY OVER  
HEAT THE  
PLANT.







# Process : Plant

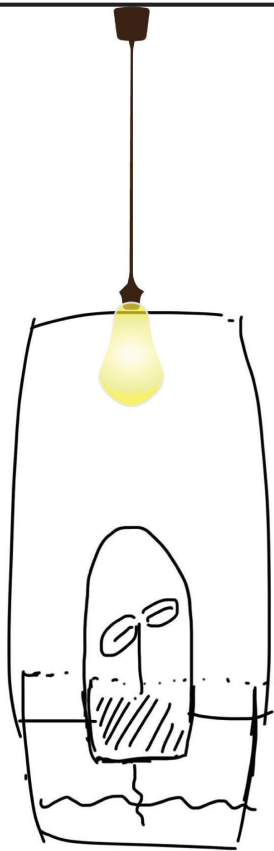


Office

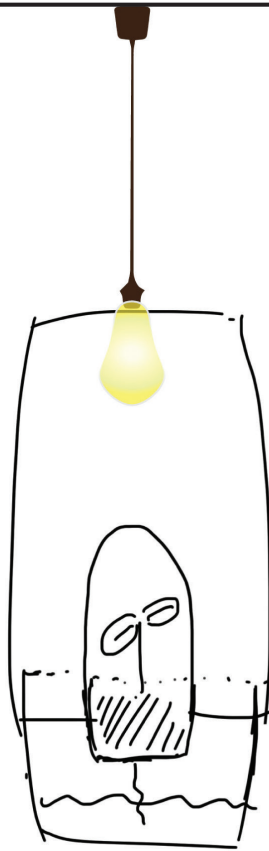


Kitchen





Living Room



Bathroom

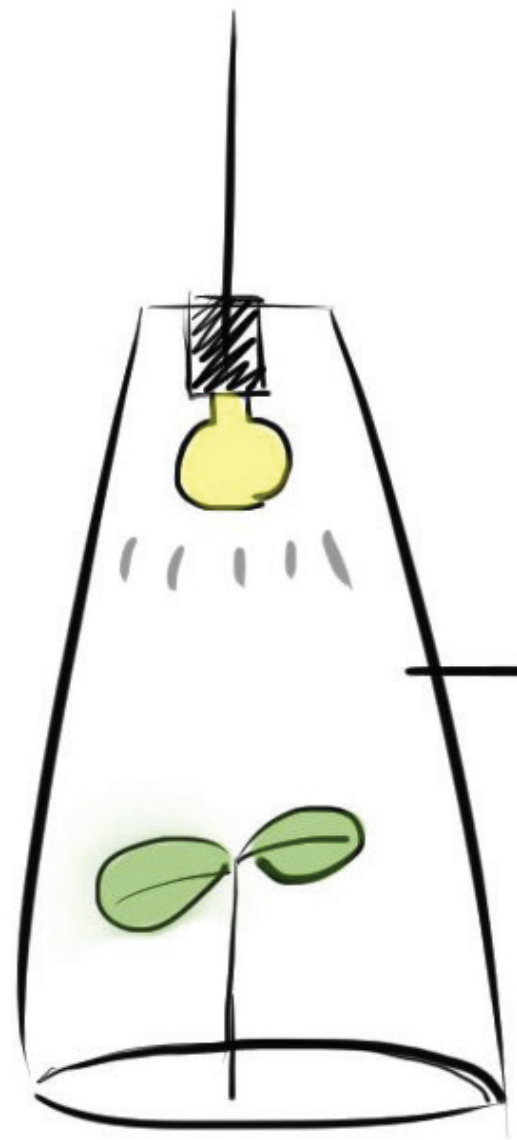






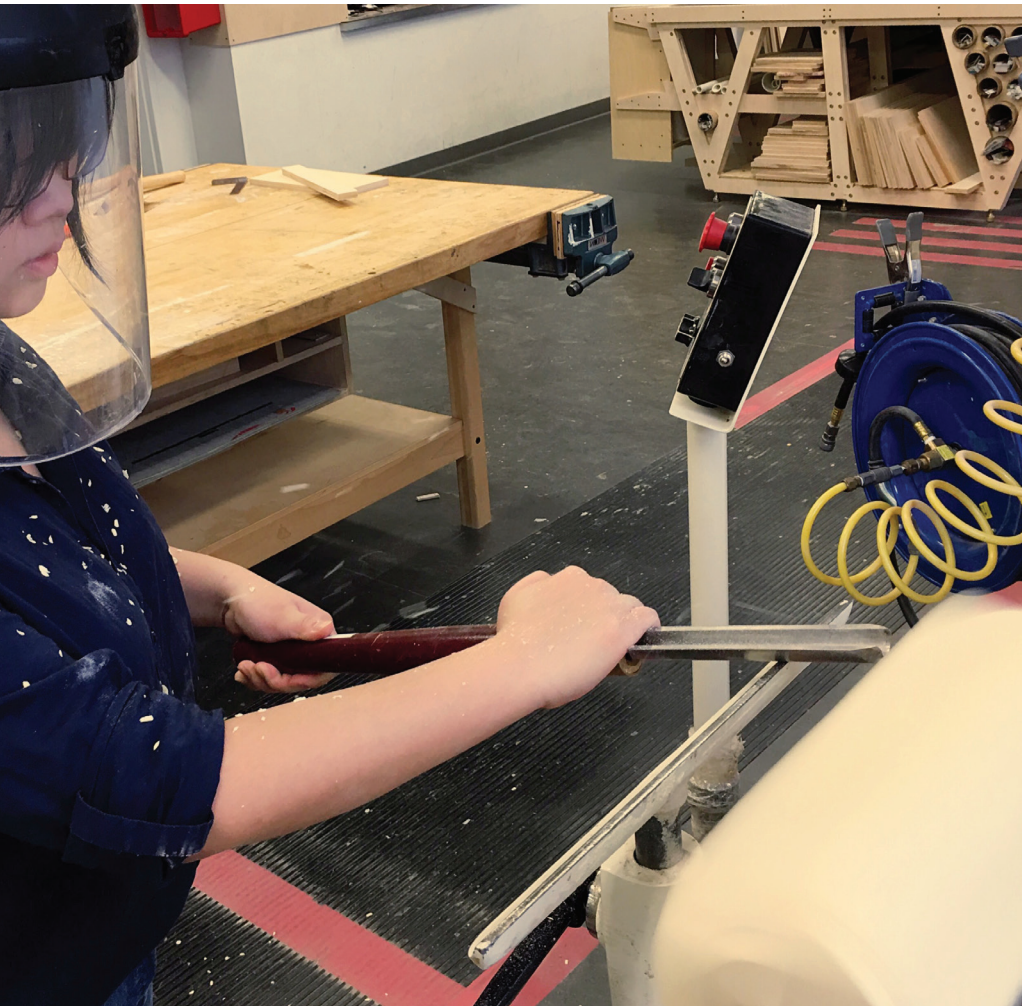


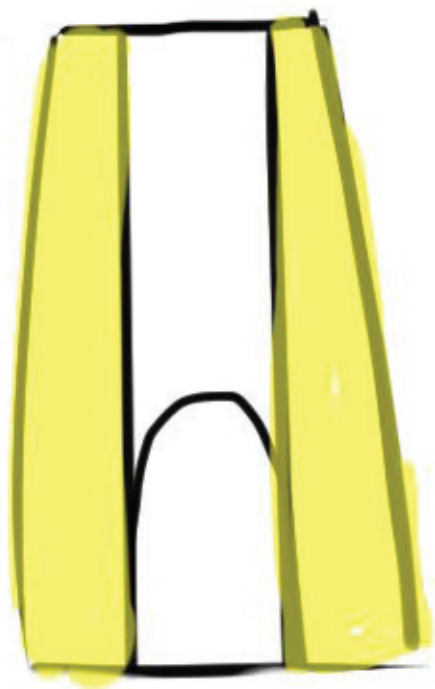
Process :Prototype



— MAKE THIS SHAPE REAL











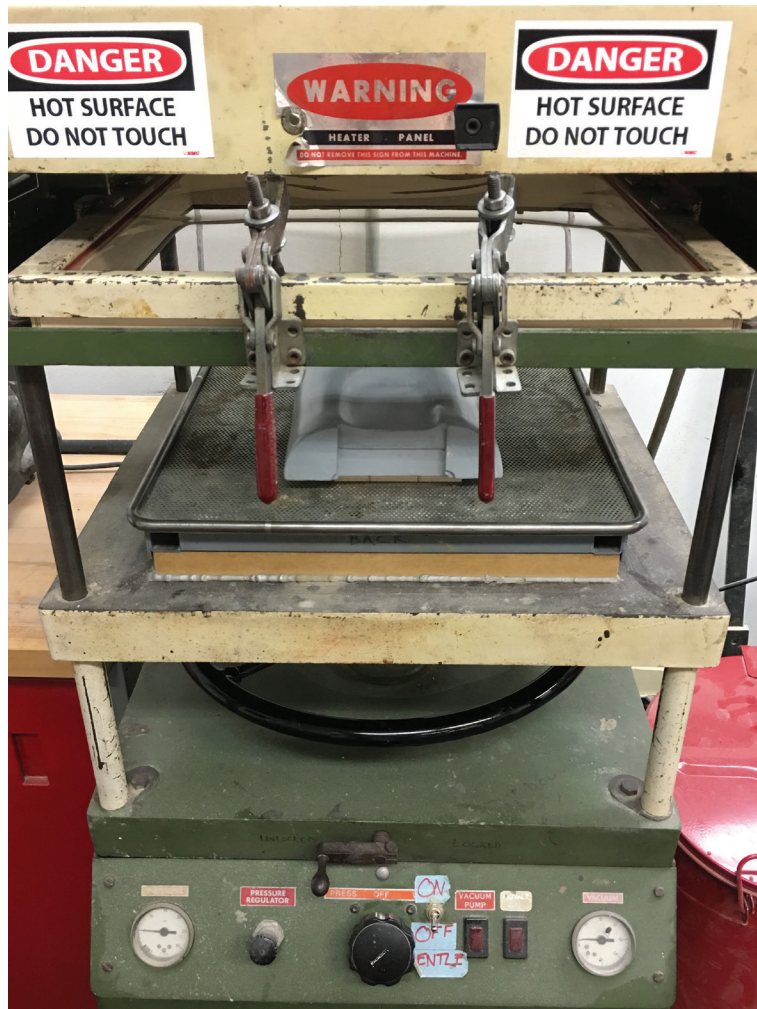


















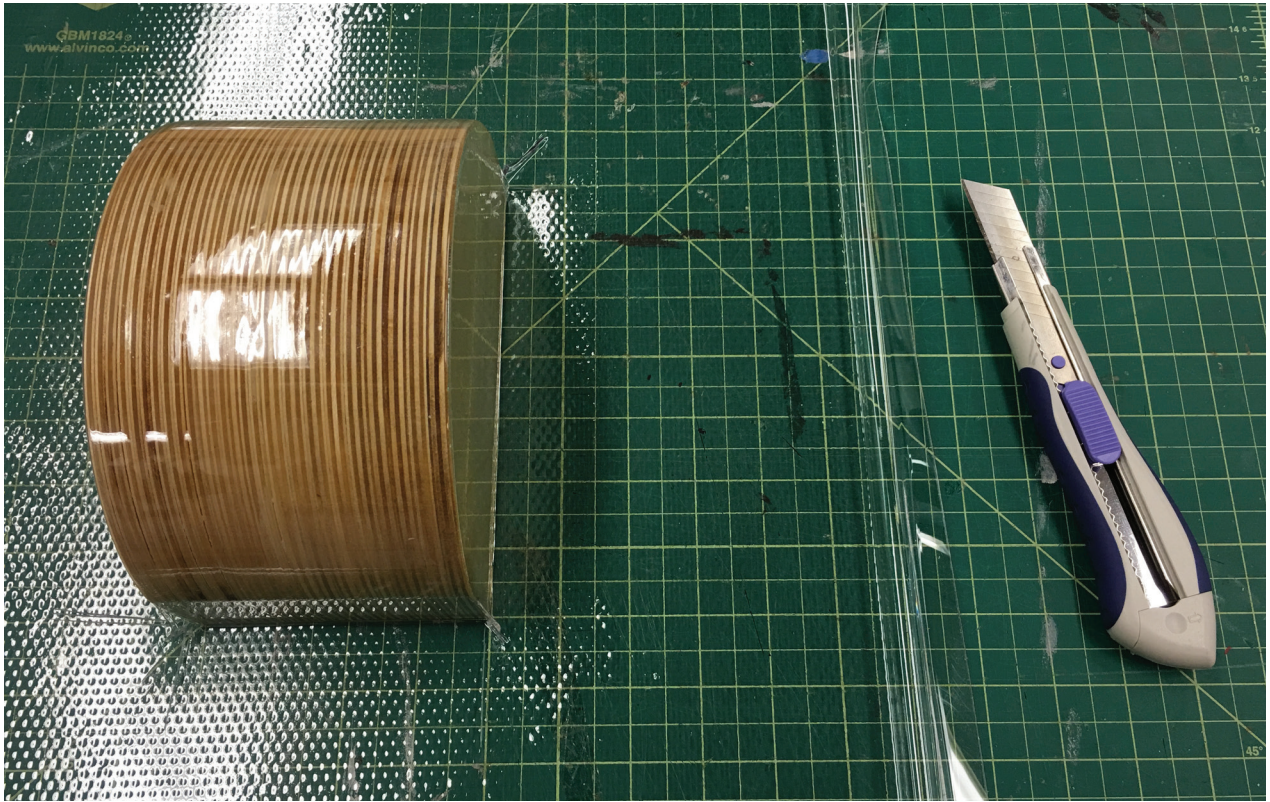








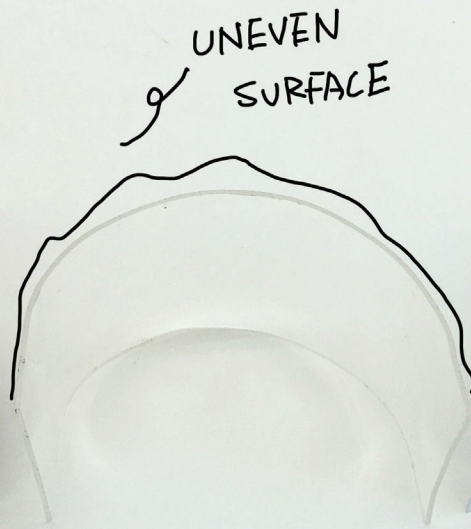




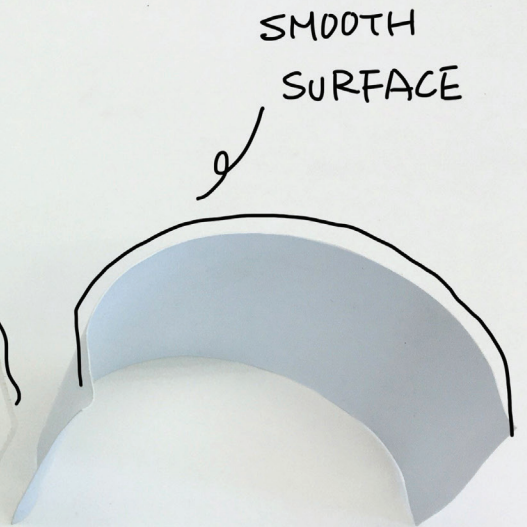




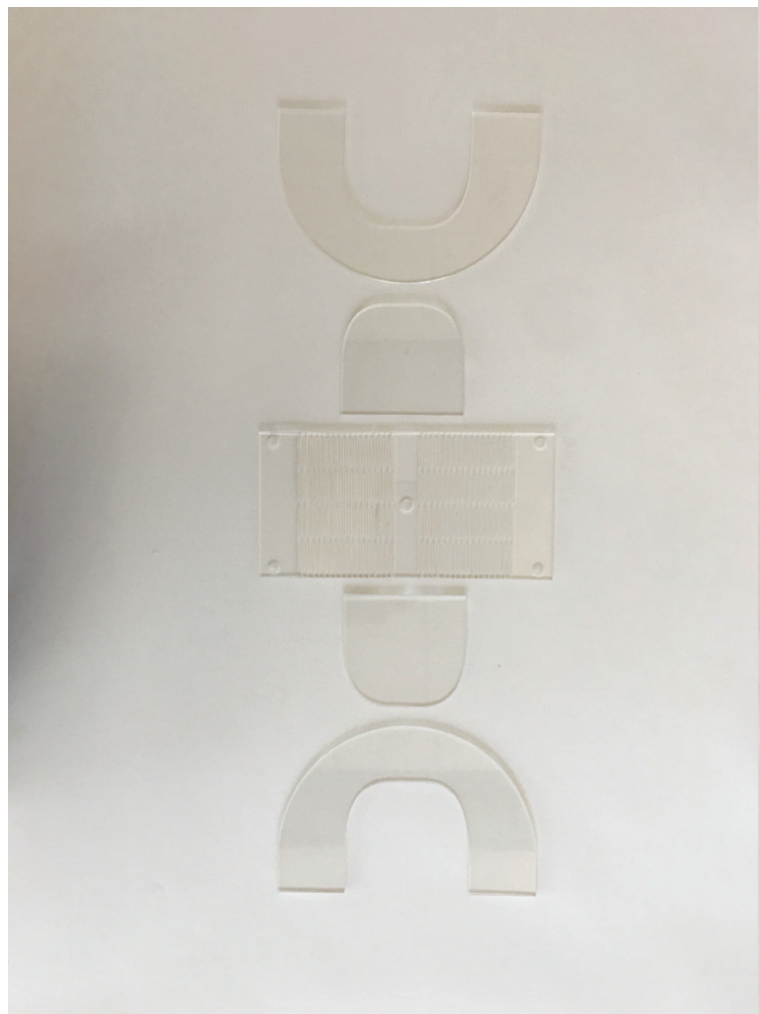
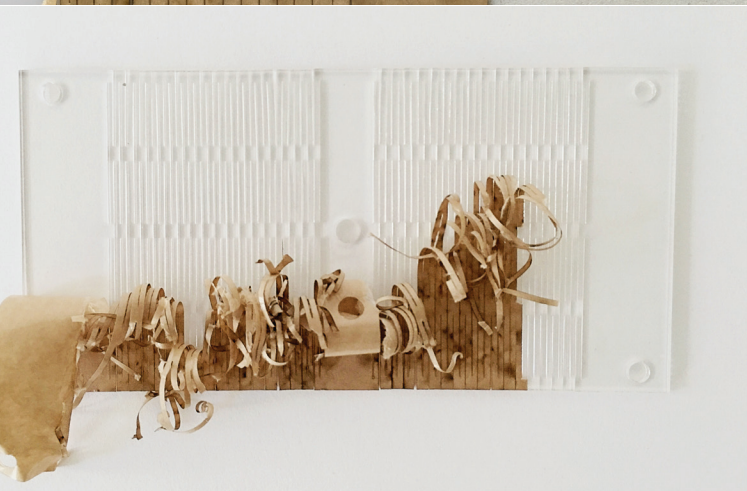
MOLD



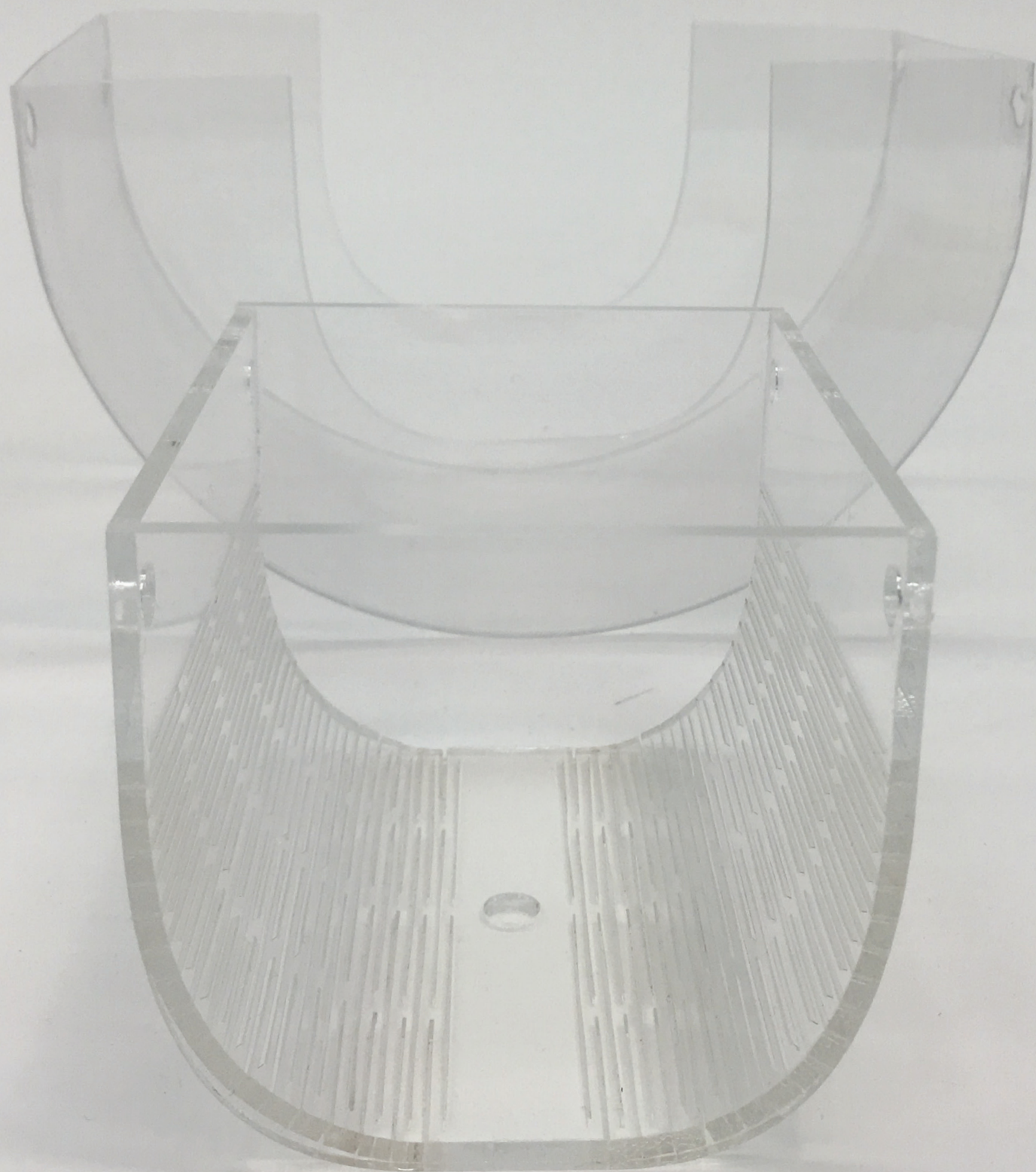
BENT ACRYLIC

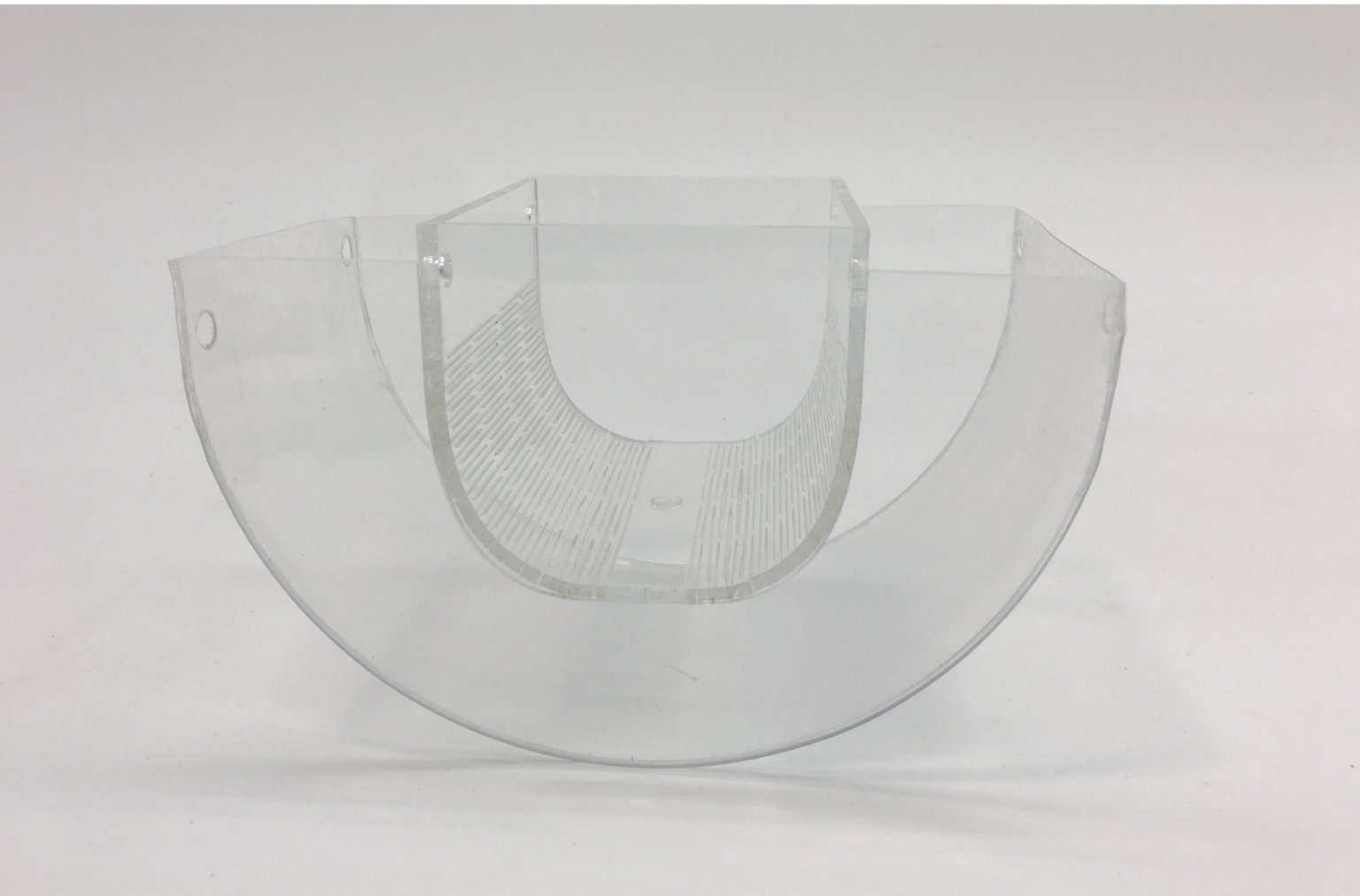


VACCUM FORMING

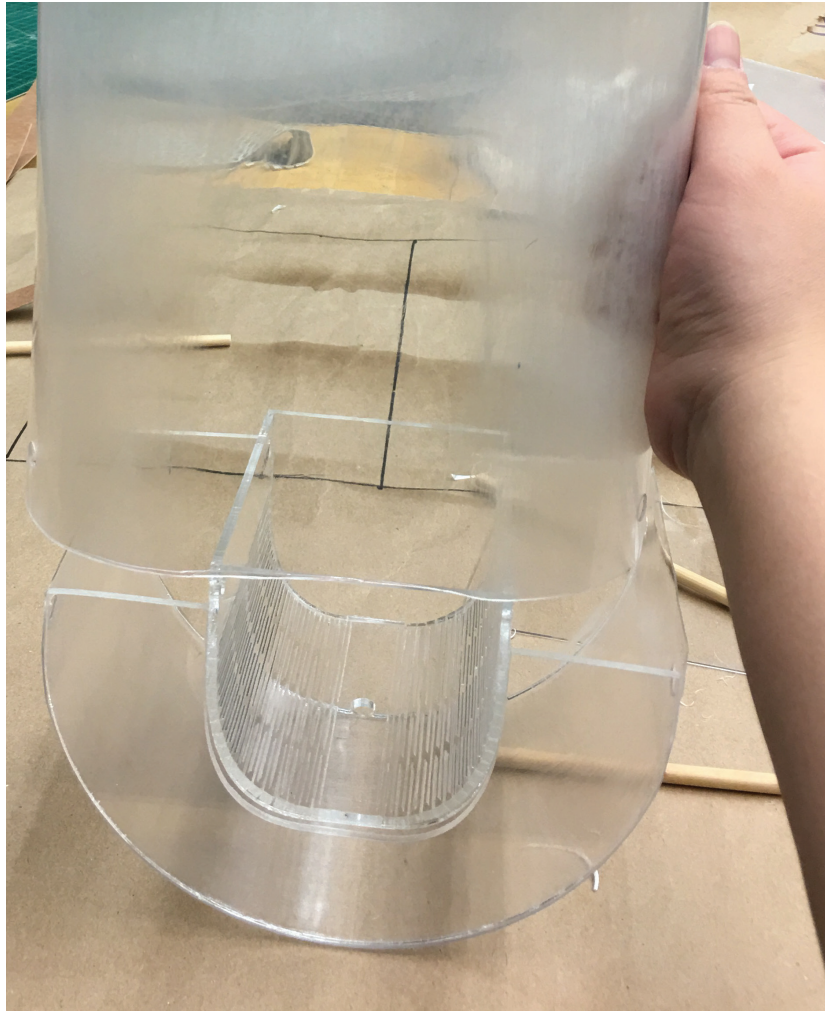


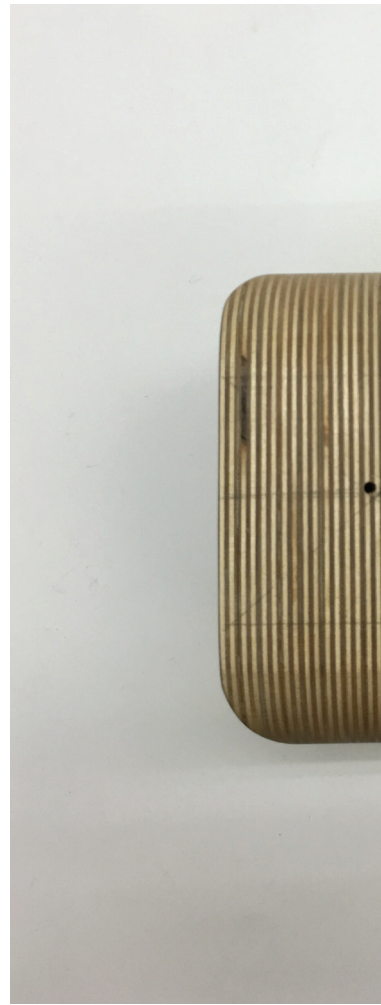




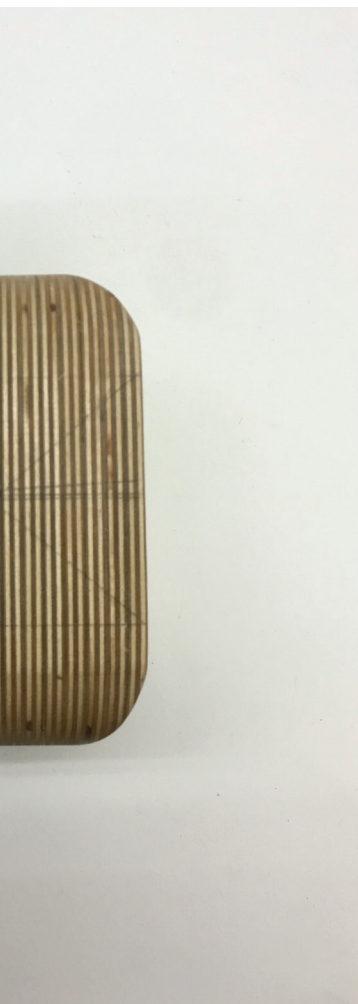


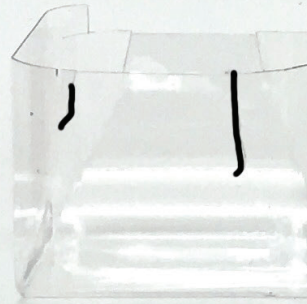












MOLD

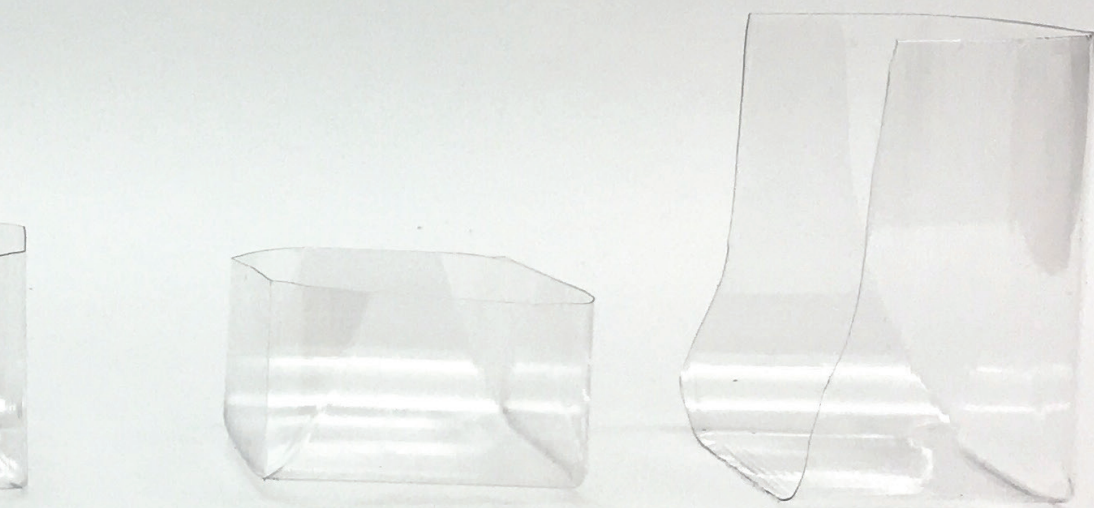
}

CRACK WHEN  
RELEASE MOLD

}

CRACK





K... NO CRACK! ONLY  
HALF IS  
FORM....



SCREW + WASHER

ATTACHMENT  
PIECE

POWER  
CORD

ADAPTER

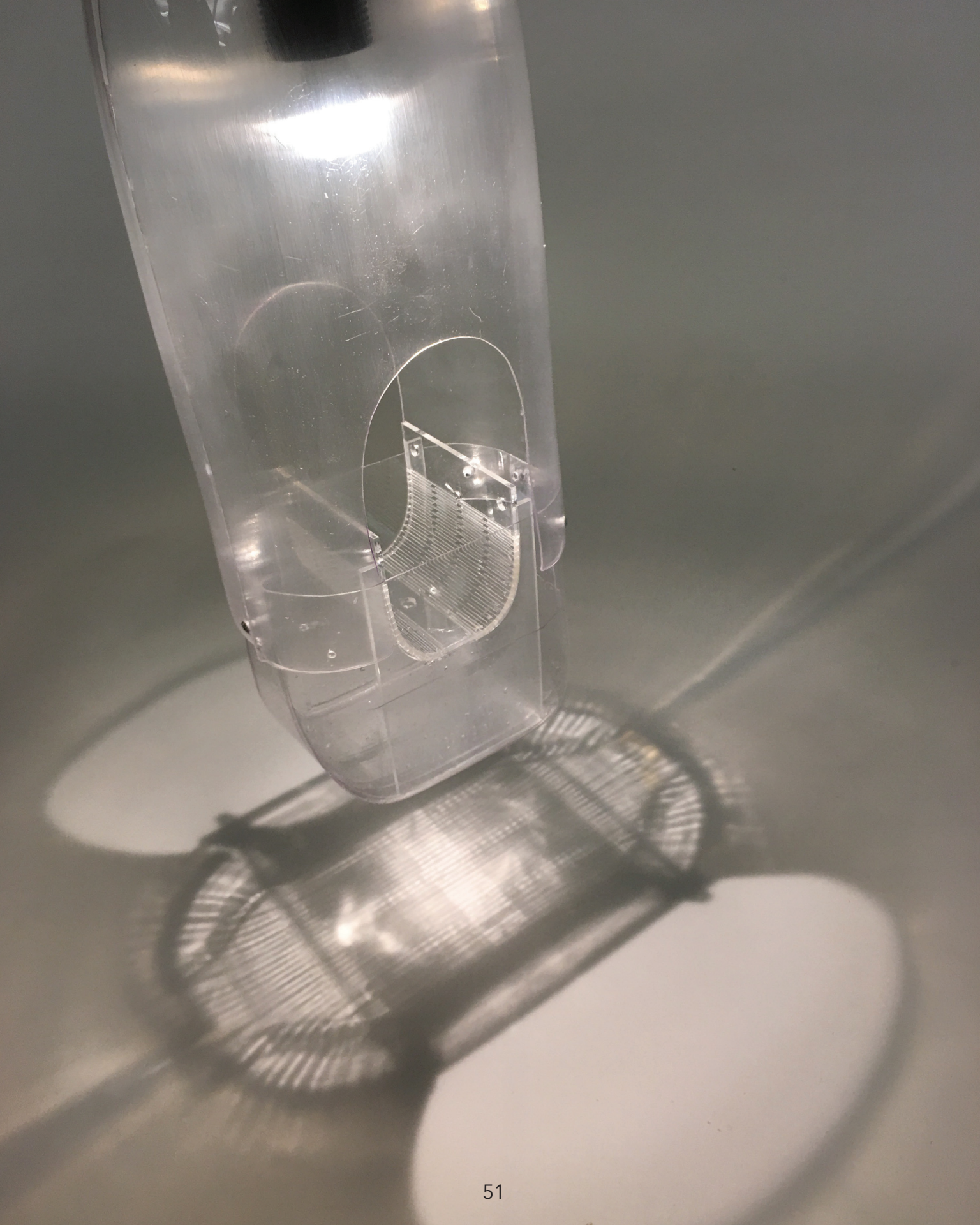
LED BULB

LAMP  
SHAPE

RIVETS

PLANT  
+  
WATER PART











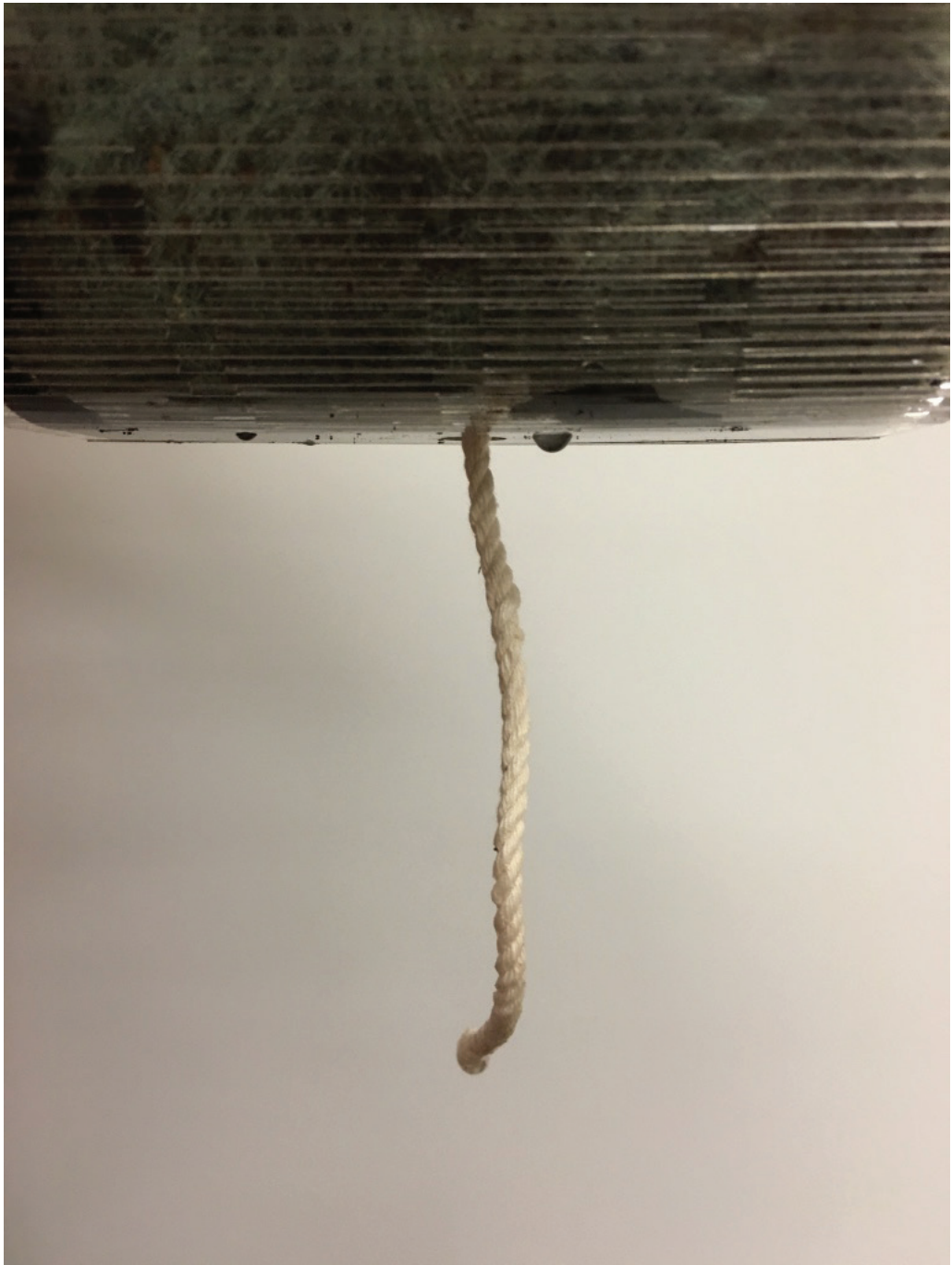


# Living Lamp













# Special Thanks

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**Tony Guido**

Mentor

**Slavko Milekic**

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**All my studiomates**

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# Thank You !





