

10/25/19

Idea: solar still oven with lenses

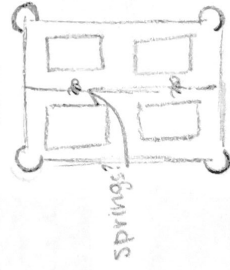
Problems:

- How to tilt the lenses to catch the most sunlight?
- How far away do the lenses need to be from the copper plate?
- How to create a door?
- What kind of system could be used to raise or lower the lenses (adjusting focus of light)?
- How to evaporate and recondense water most effectively?

Remaining questions:

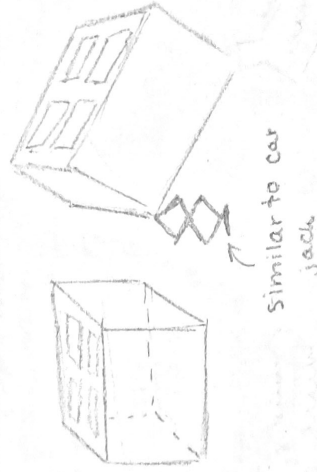
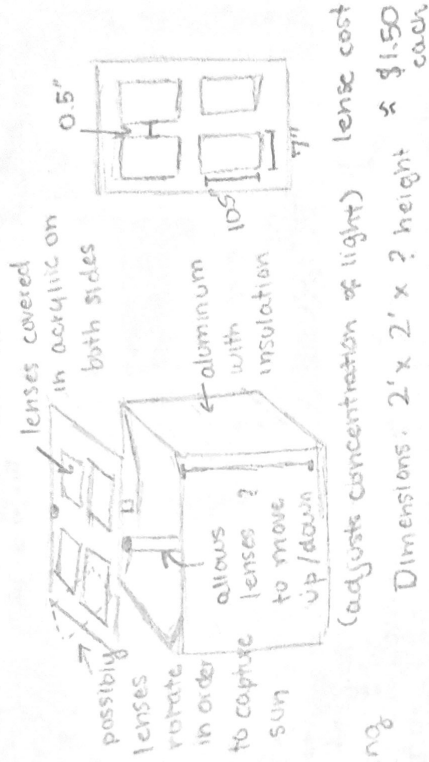
- How to incorporate door into design?
- How to cool container enough to condense?
- Does the oven need to be mounted on a moving base?
- How far away do the lenses need to be?

* Very complex *



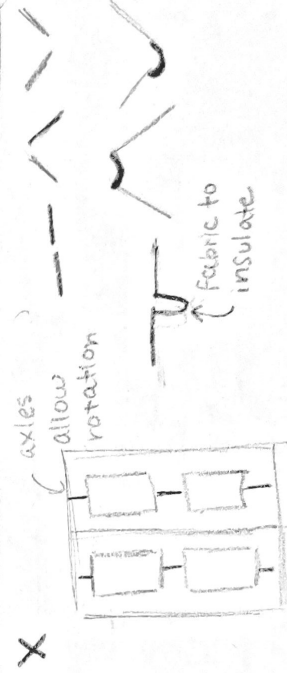
allows up/down movement

Solutions:

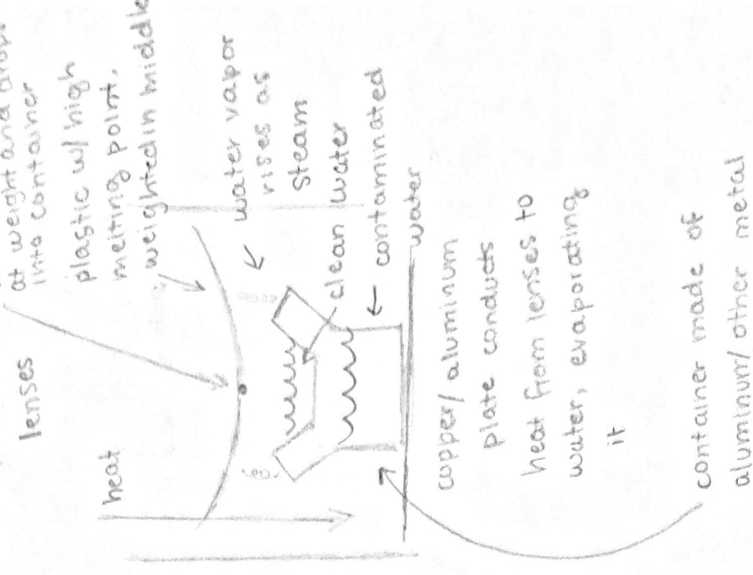


Benefits: Simpler

Issues: water inside would spill



Inside:



door:

