

Sand Mask

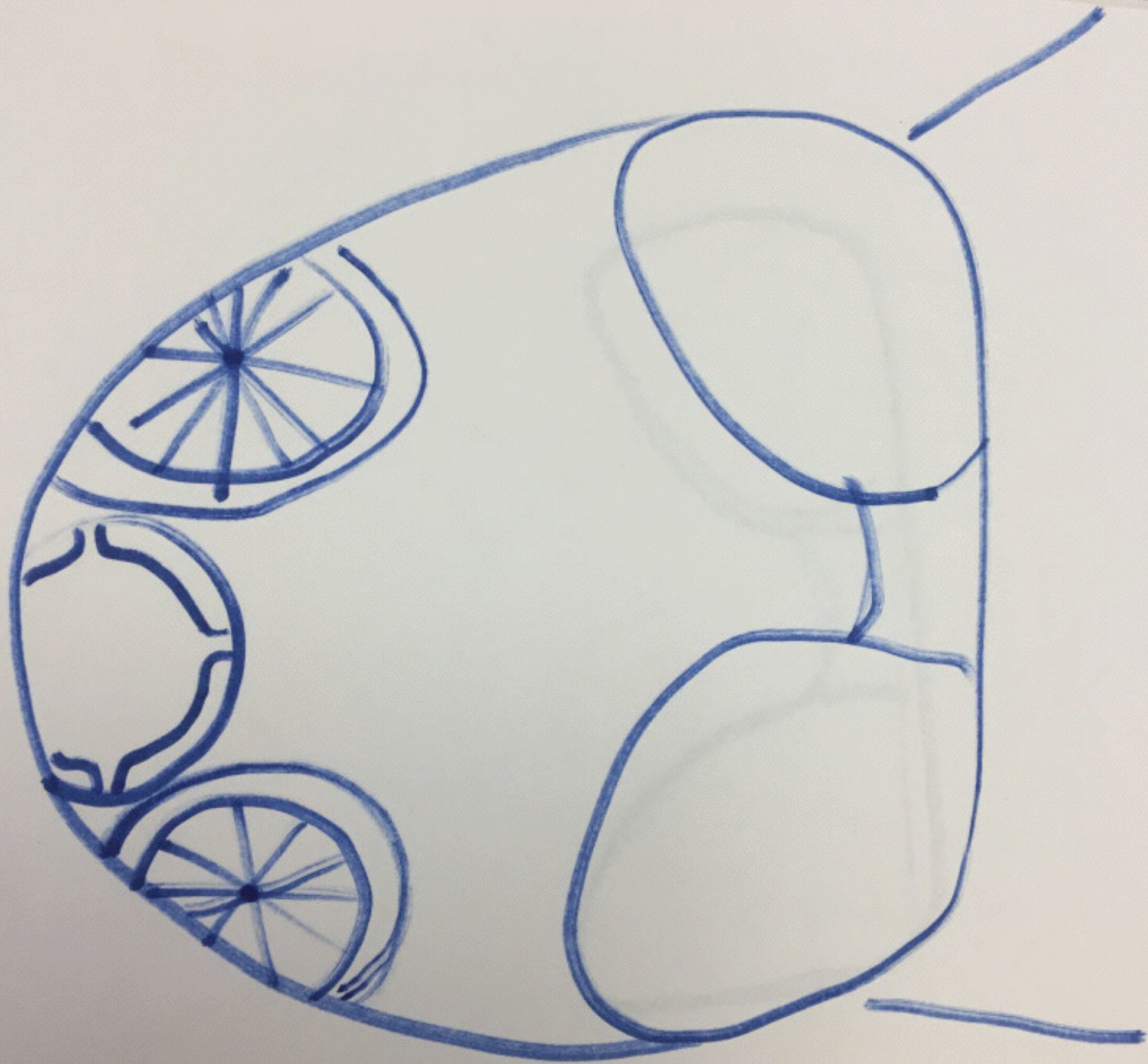
- 3D Printed Mask That Can Get You Through A Sand Storm
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- Sand Mask: A wearable mask that explores the possibilities of minimal design with complex abilities.
- Problem: Many who venture to the desert come into conflict with sand storms and dust storms. The sand/dusk can become so crippling that one cannot move or breathe.
- Solution: Our studio, adaptive wearables, has come up with the solution to create a portable and light-weight sand mask to filter sand and germs.

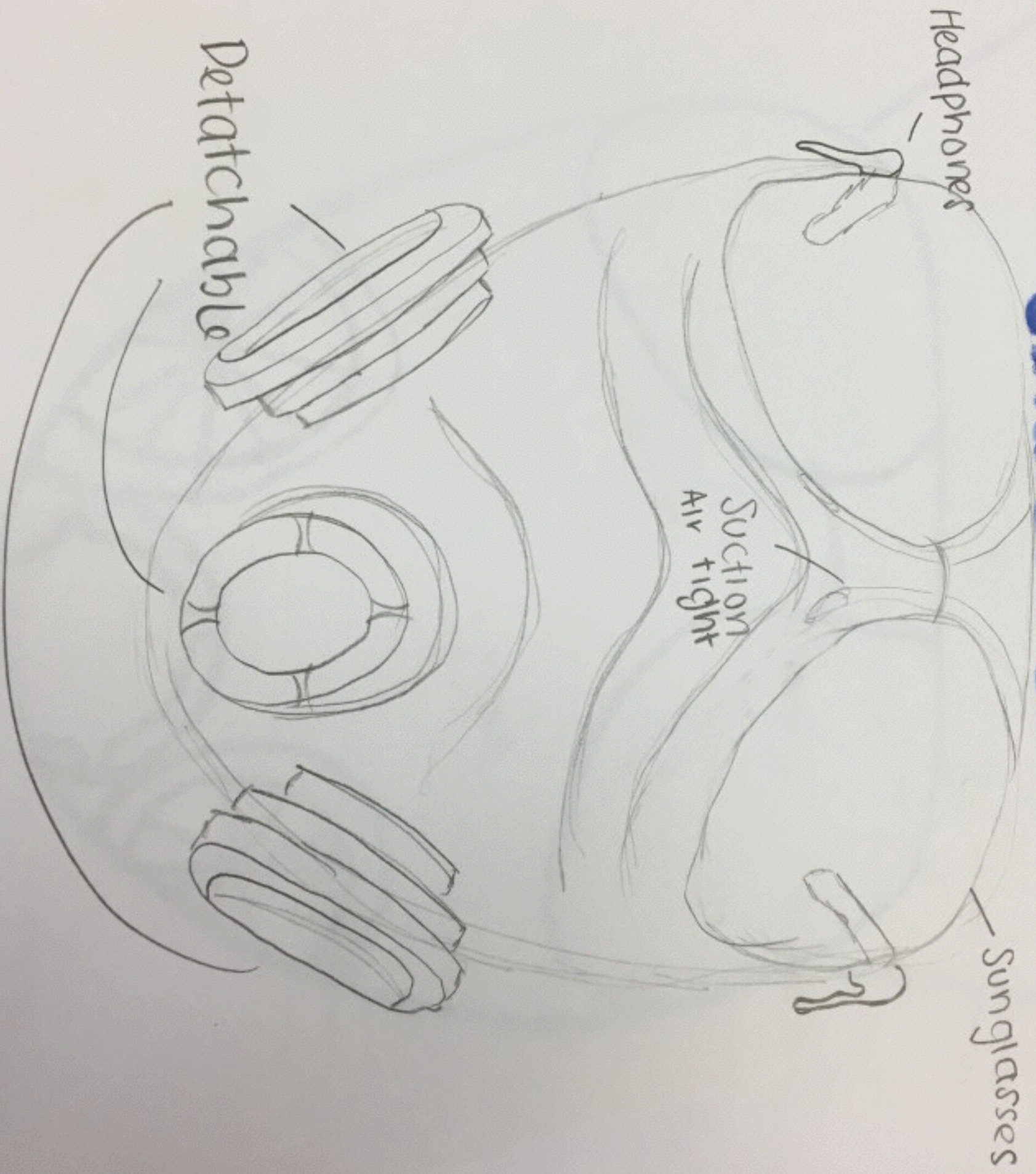






Portable Gas Mask

**Black Rubber
Plastic
Oxidized Charcoal**





First Iteration: Made out of cloth with eye and mouth piece.



Second Iteration: Made out of cardboard. Cut specially to bend at cheekbones. Added a “filter.” Added a neck piece to easily remove.



Third Iteration: Made adjustments to fit facial curvatures. Added protective eye guard, changed from sunglasses to larger covering.



Fourth Iteration: 3D printed, made out of plastic. Added real filter that filters sand and germs. Screwed the filter onto the printed parts.

Filter

