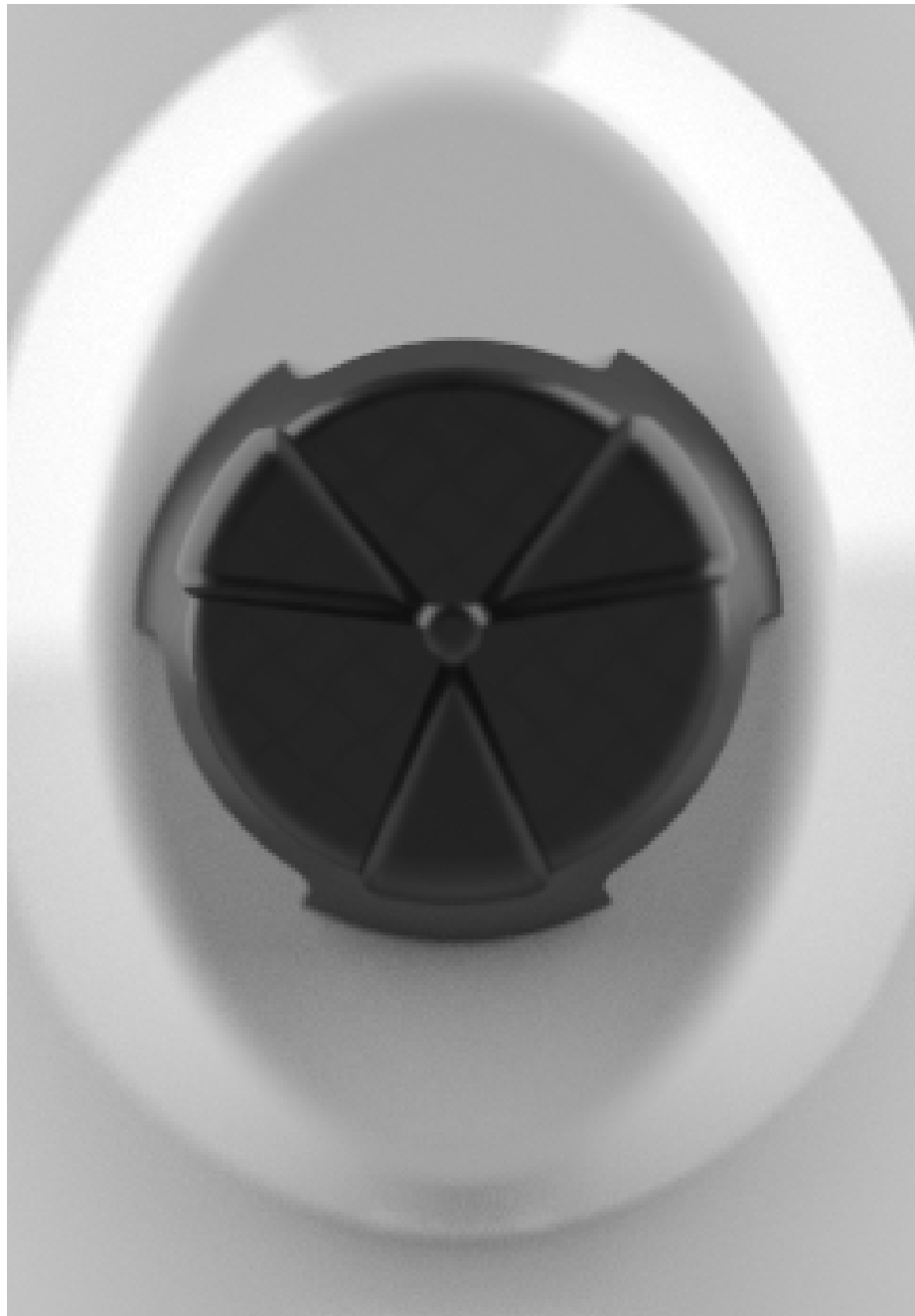
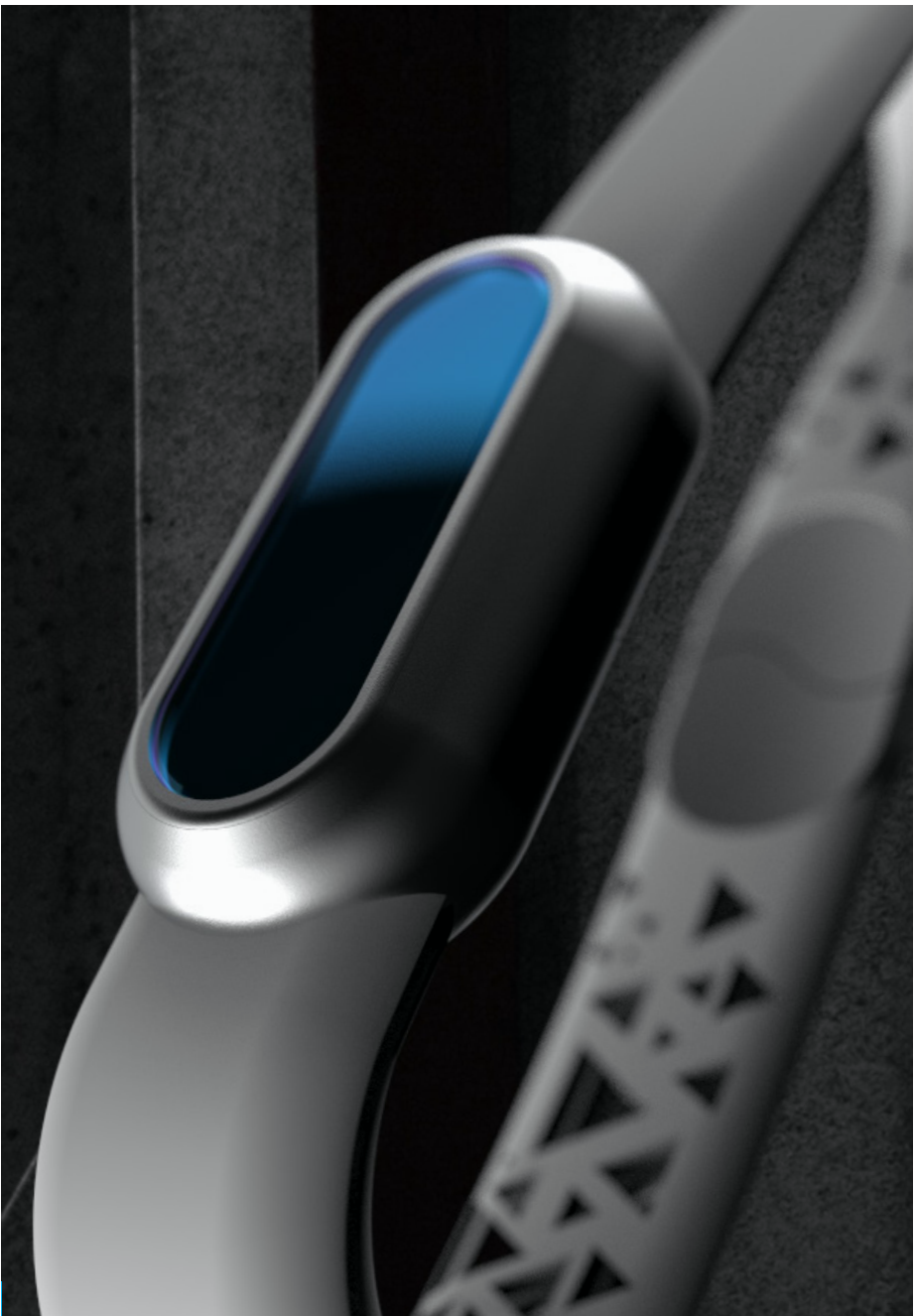


PORTFOLIO

2020



2021



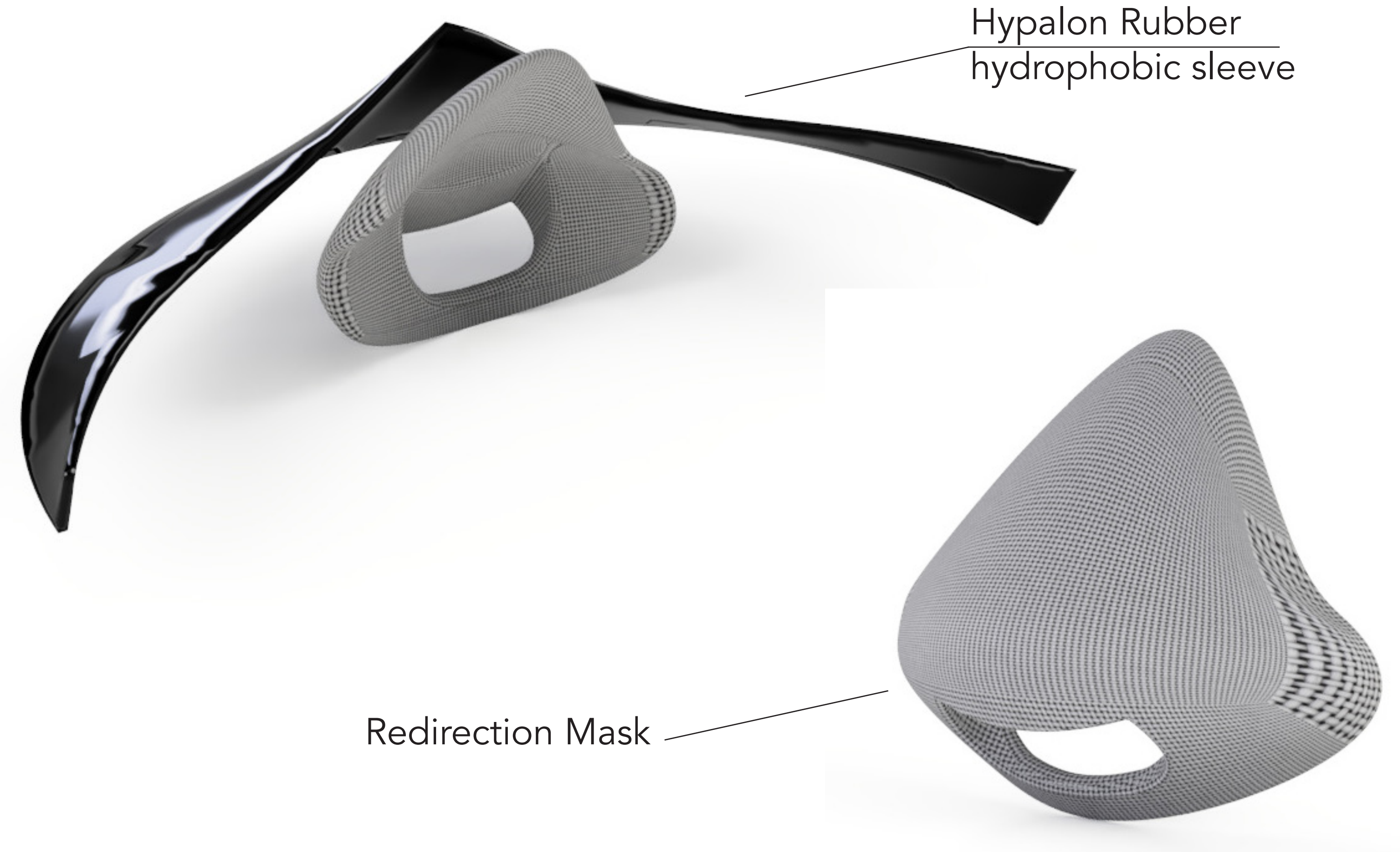


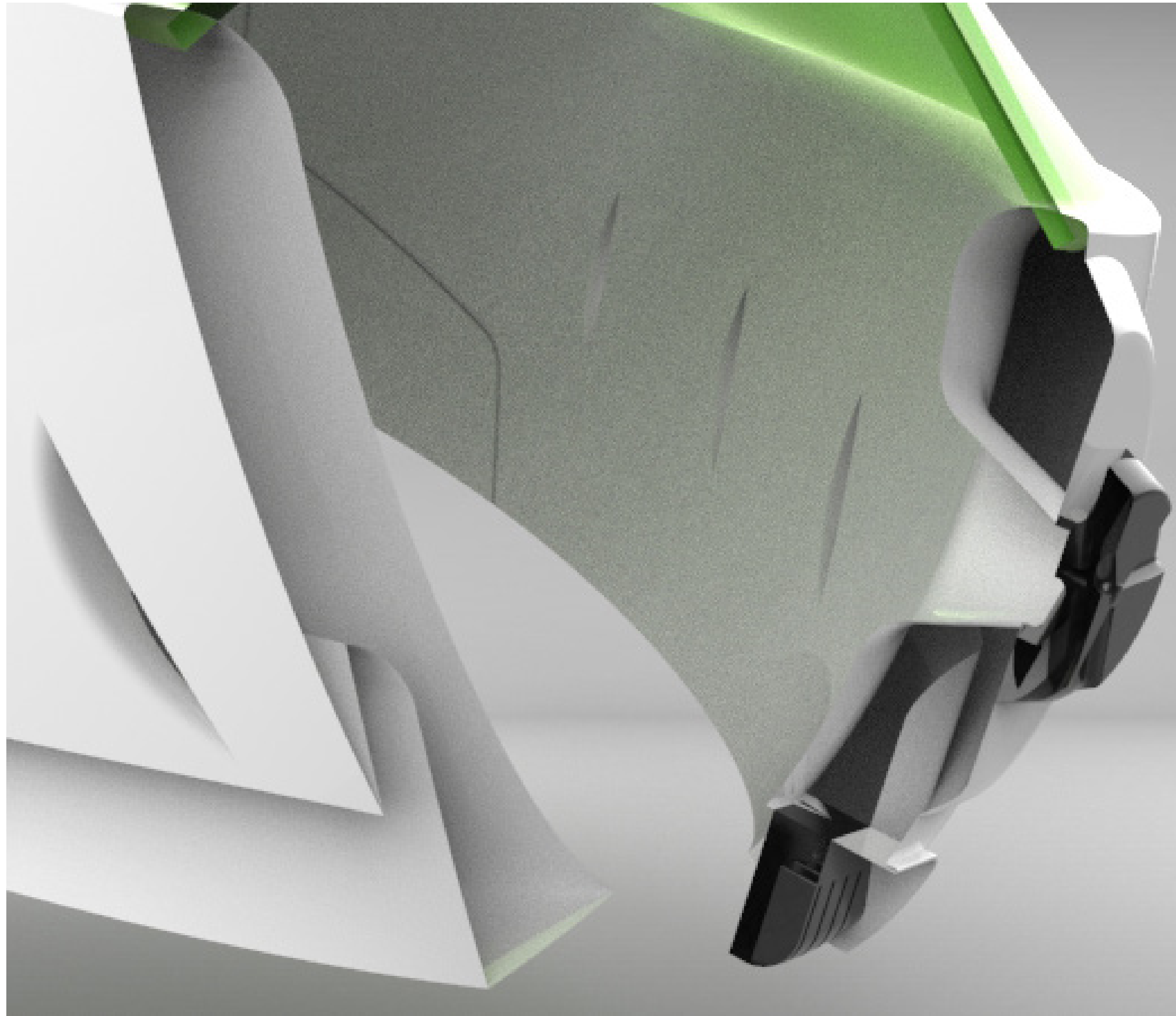
HAVEC stands for Helmet w/ Absolute Visibility in Extreme Conditions. This was also our team name. In collaboration with Esther Liu and Julius Yang, we were tasked with coming up with a solution for visor fogging while snowmobiling. We were given proprietary helmets from Klim in order to conduct our re-search.





To prevent the visor from fogging while in use, we ideated and prototyped different solutions that draw the user's breath away from the visor.

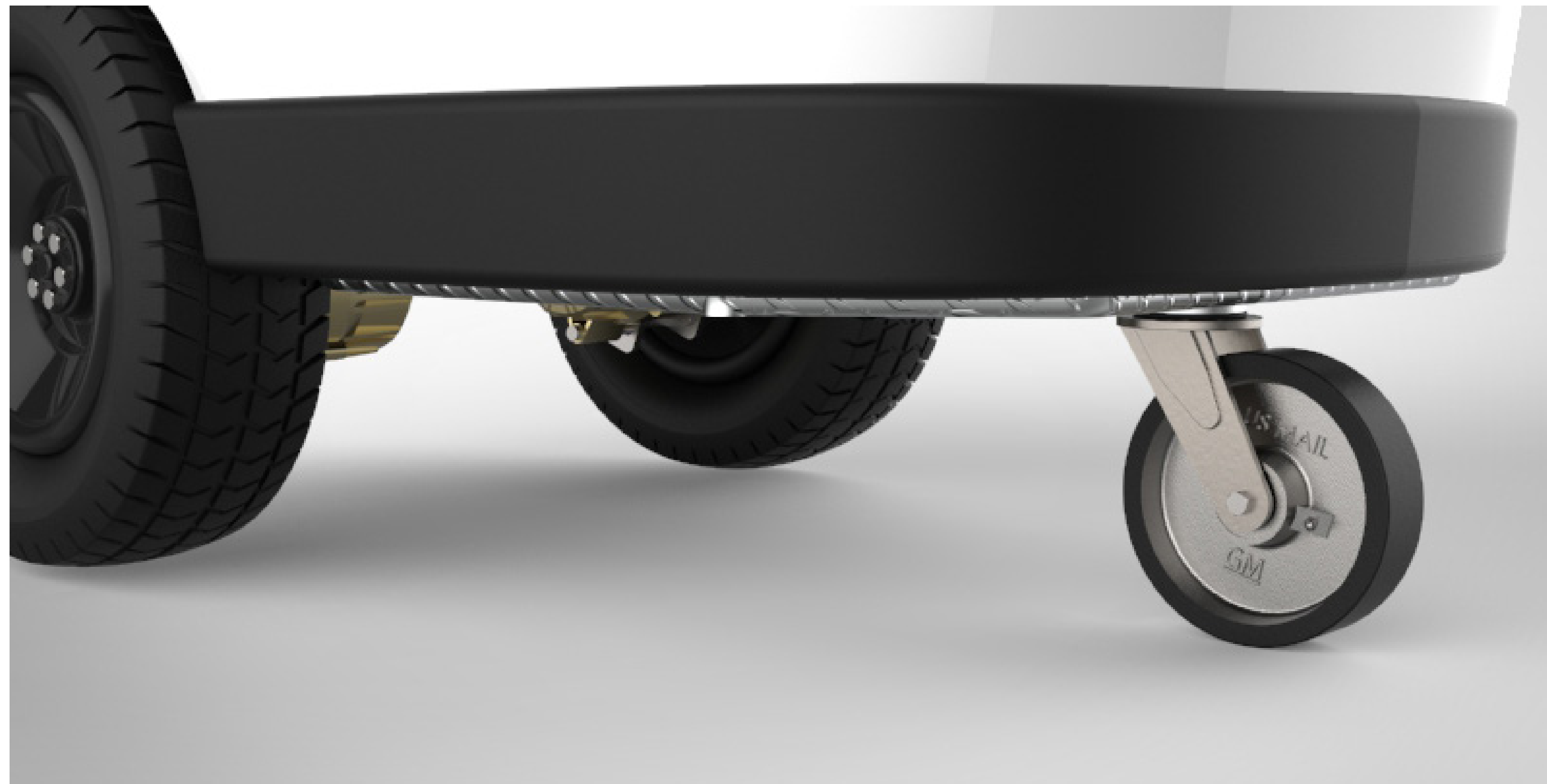




We implemented passive airways that utilize a semi-permeable membrane in order for air to pass through while moisture is blocked. We looked into cacti and other naturally absorbant materials for disposable filters.



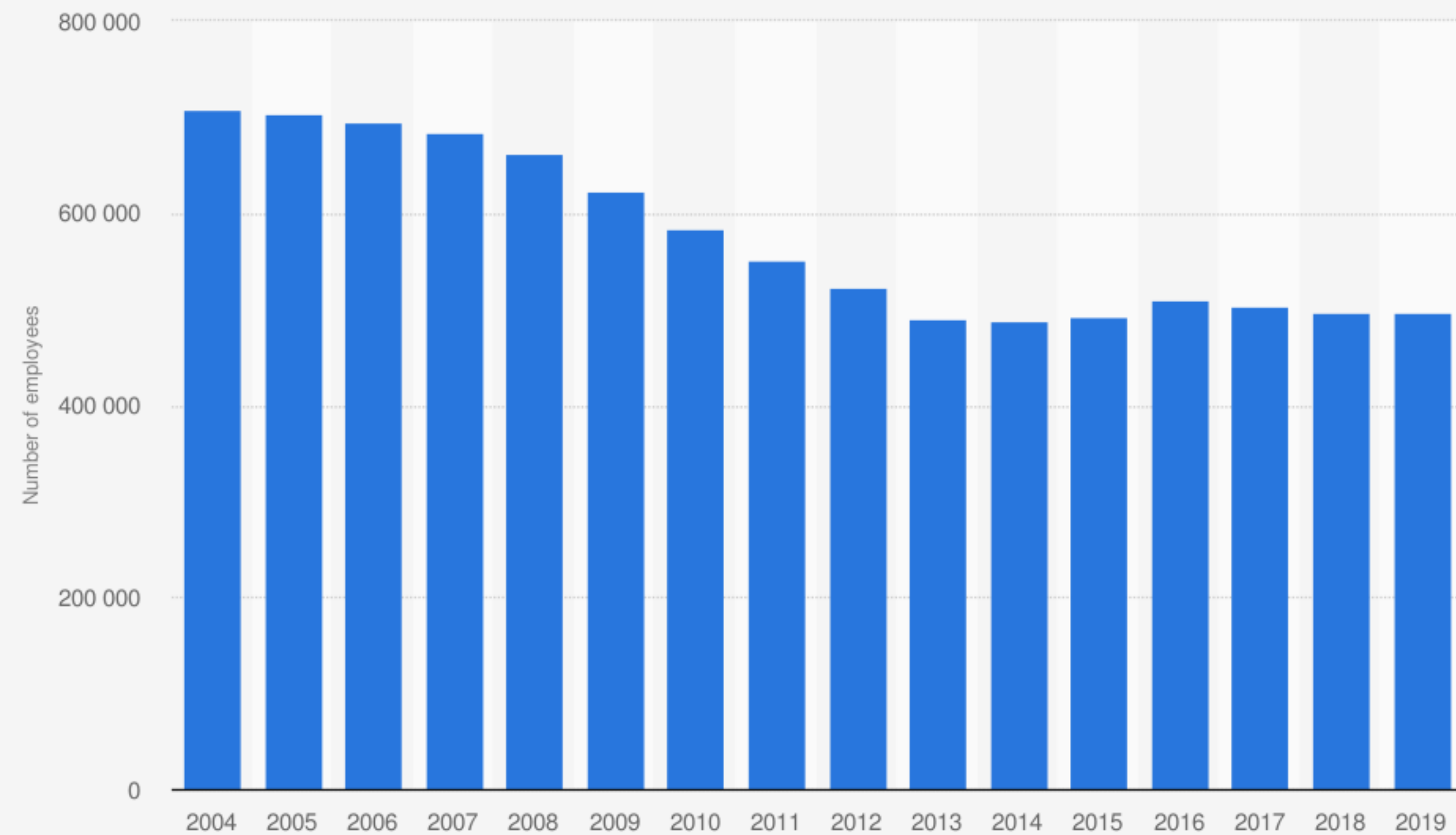




GM X USPS CART



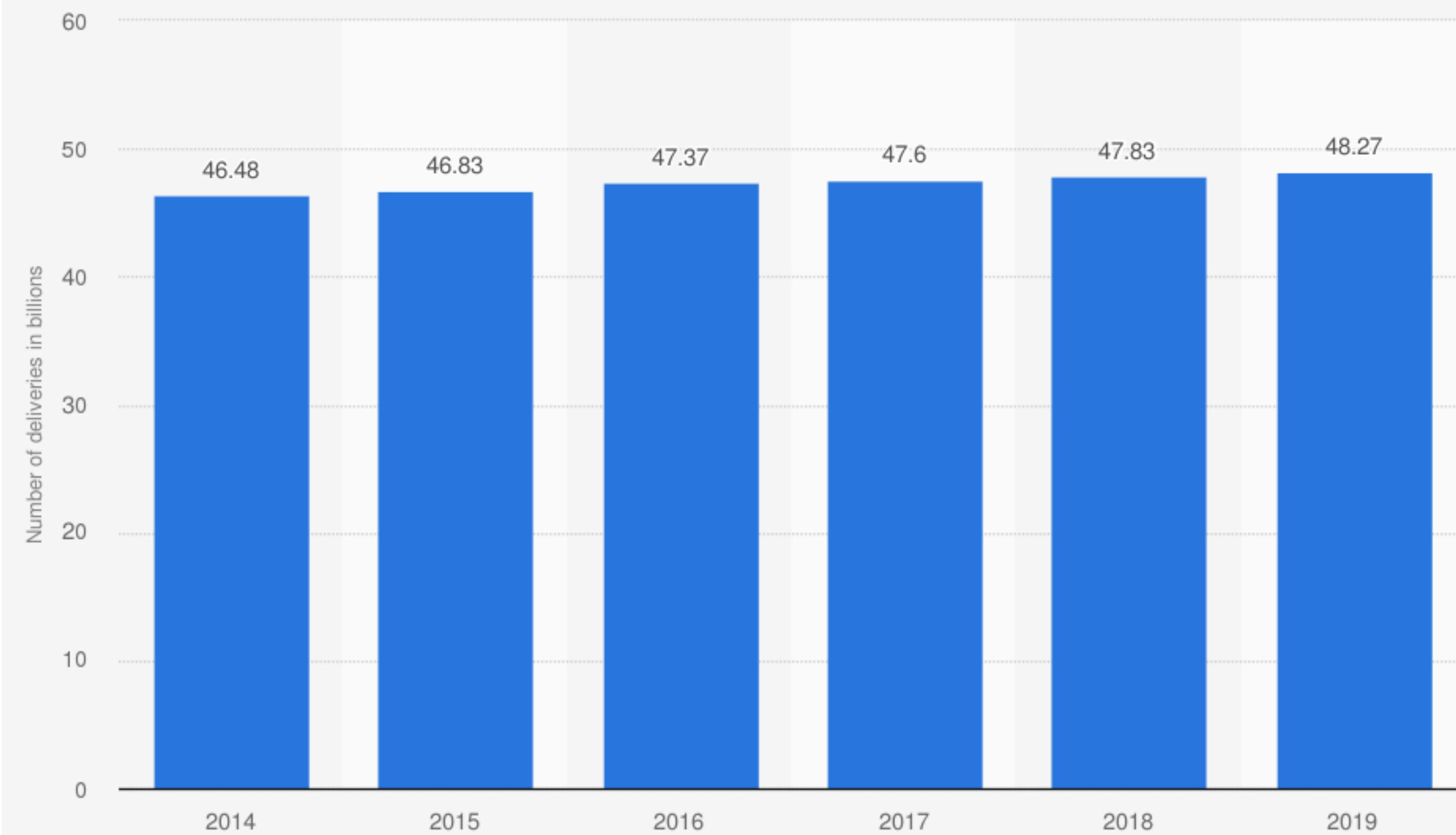
Number of United States Postal Service employees from 2004 to 2019



Source
USPS
© Statista 2019

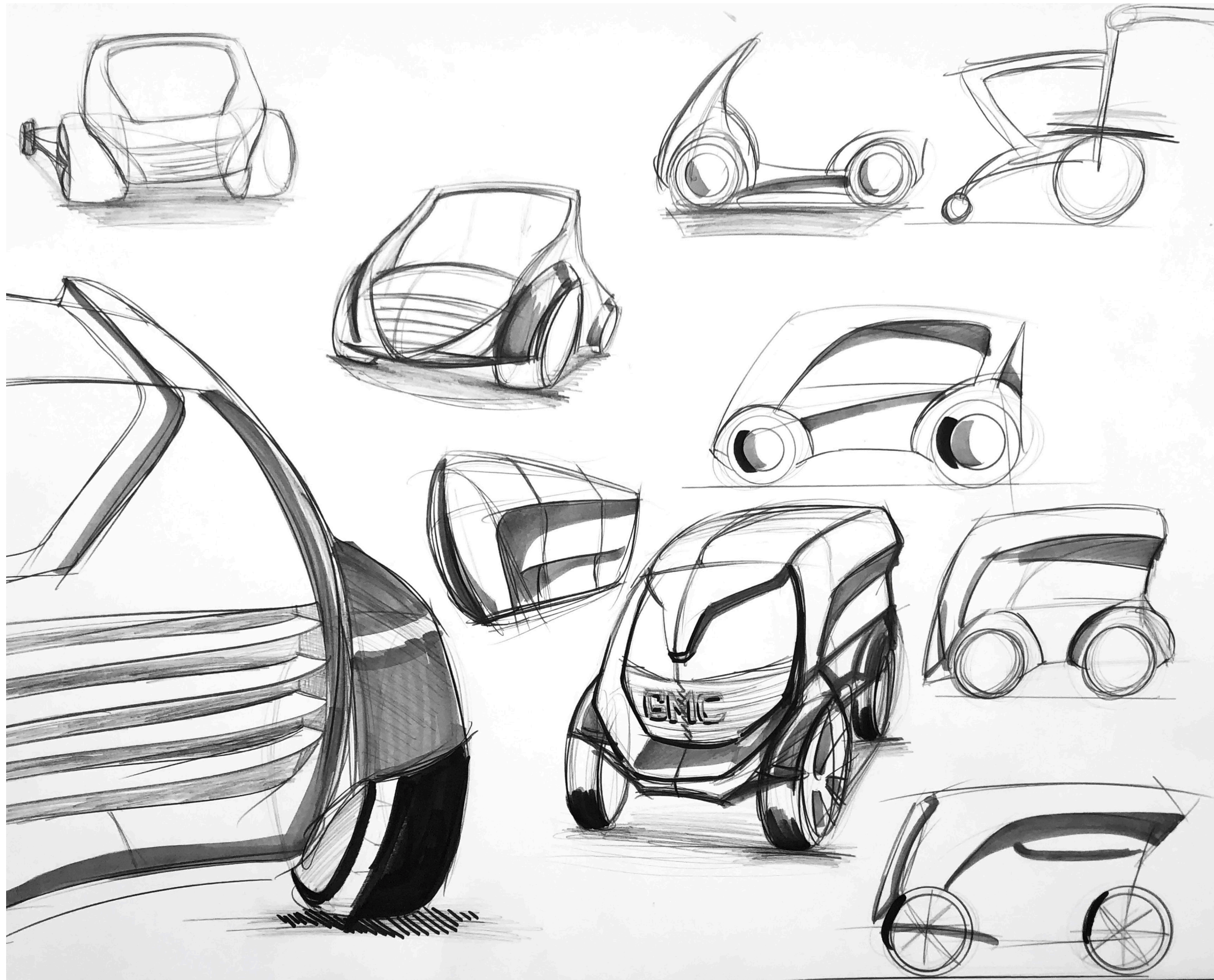
Additional Information:
Worldwide; 2004 to 2019

United States Postal Service's total deliveries from FY 2014 to FY 2019 (in billions)



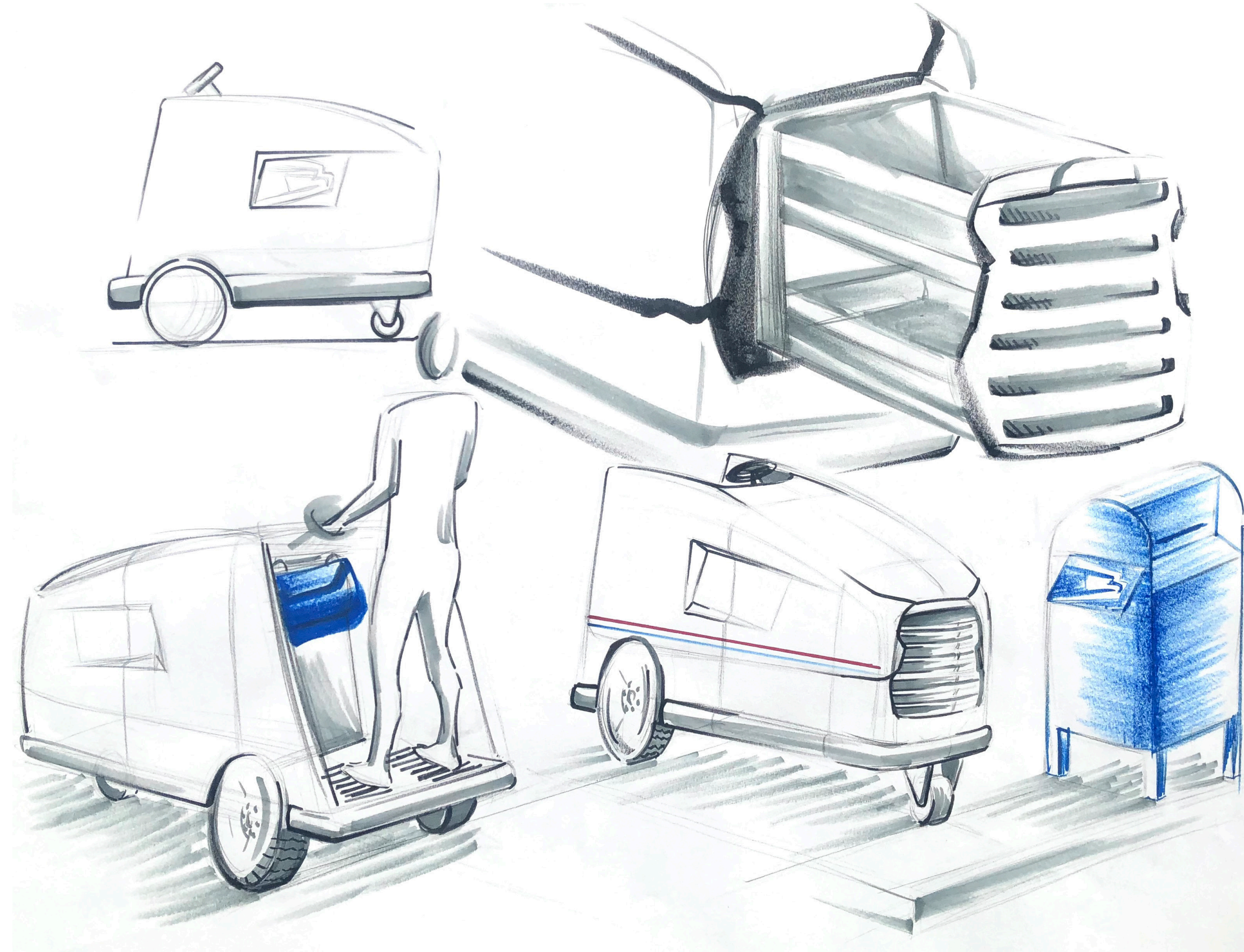
Source
USPS
© Statista 2020

Additional Information:
United States; FY 2014 to FY 2019



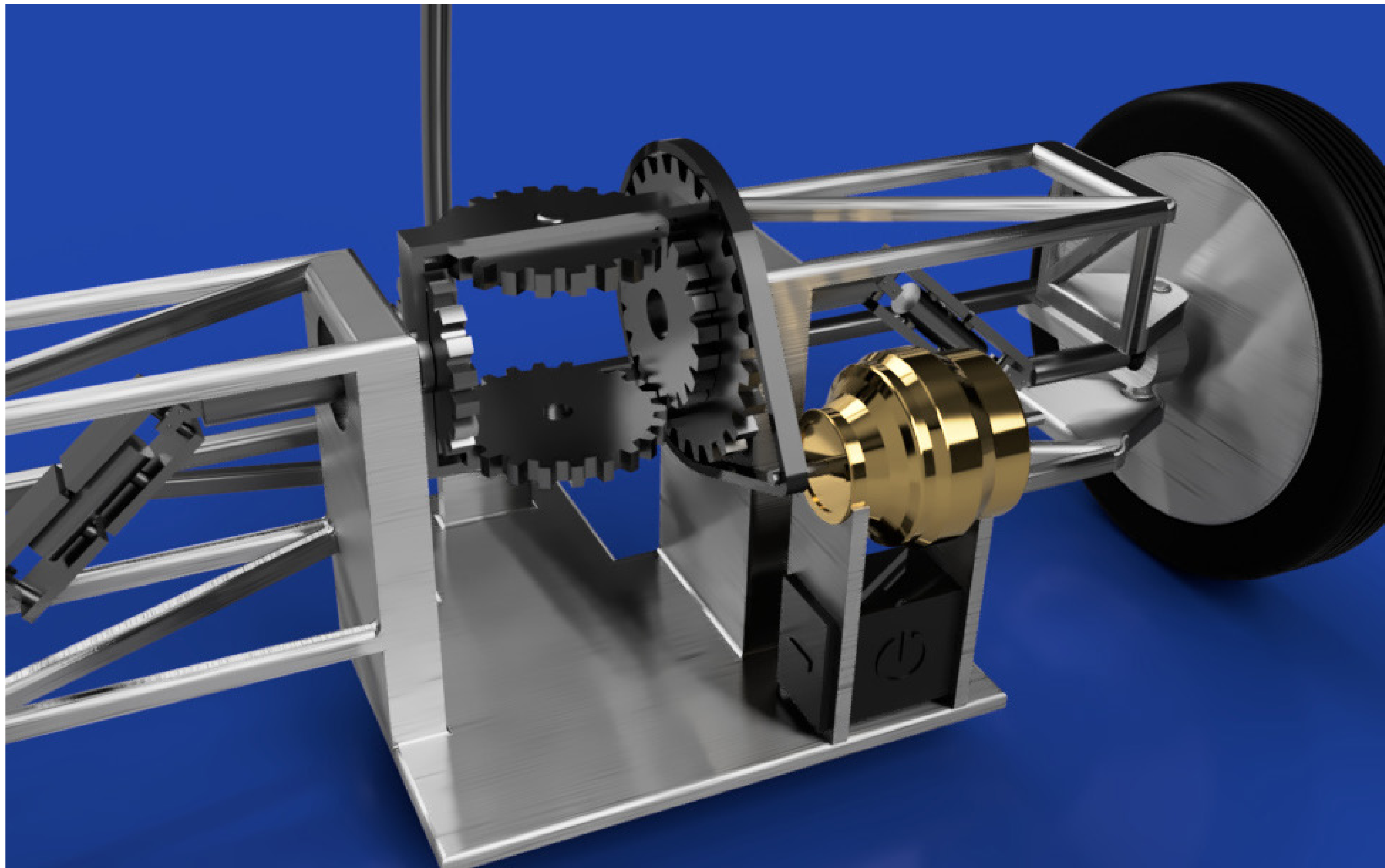
The current delivery method for the USPS is a small dolly that can hold one letter bag on each side. this is used in tandem with the USPS truck.

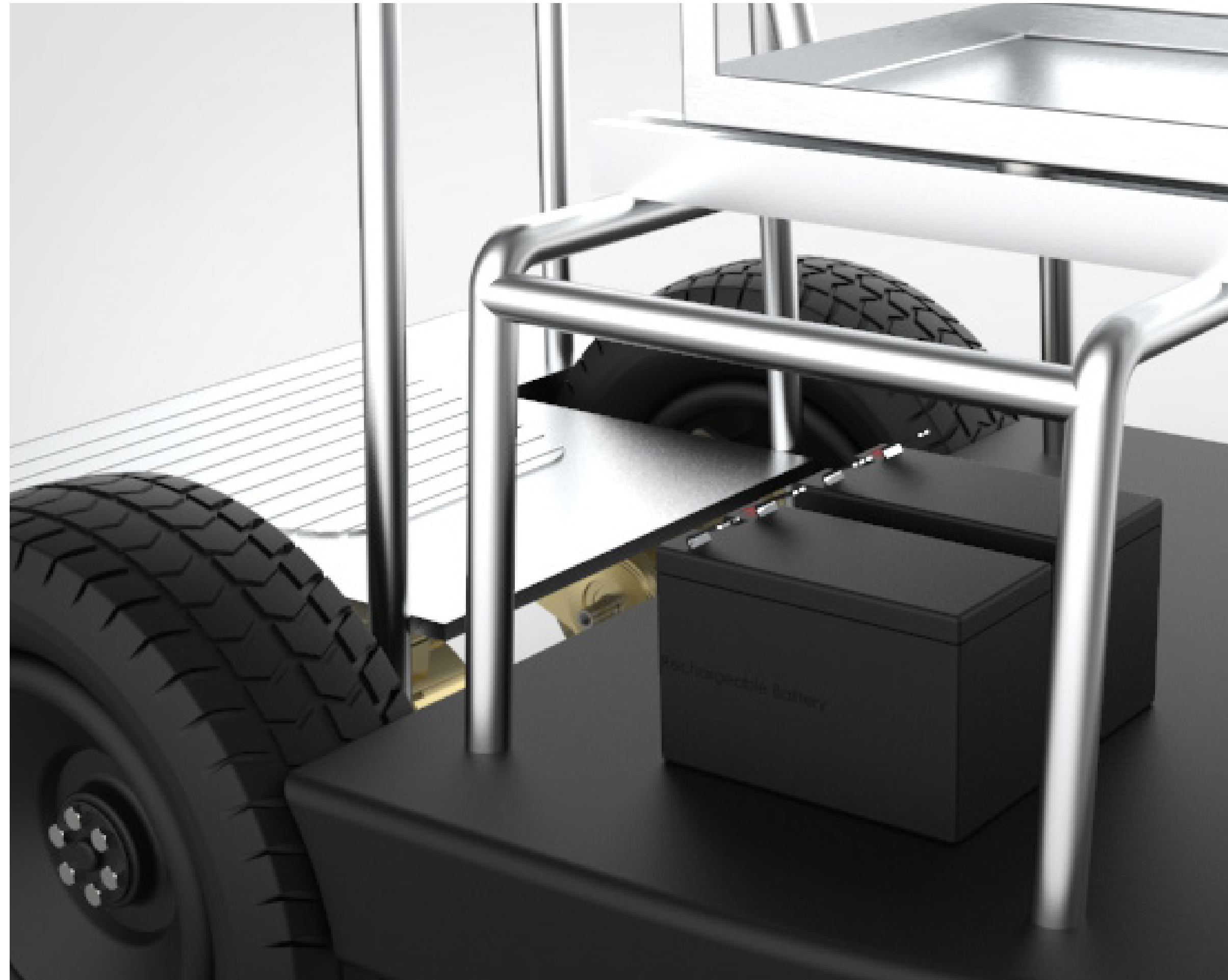
The worker drives to the designated location of their route, parks the truck, loadss the dolly with mail and goes on their way



I took a lot of inspiration from hauling vehicles, semis, trains and the original USPS truck in particular.

I aligned my design with both the bustling aesthetics of general motors and the boxy **utilitarian** nature of the Postal Service





The cart utilizes an open rack for letter and parcel storage as this is a growing aspect of the postal service

This electric mail cart is compact, versatile and fun to use.

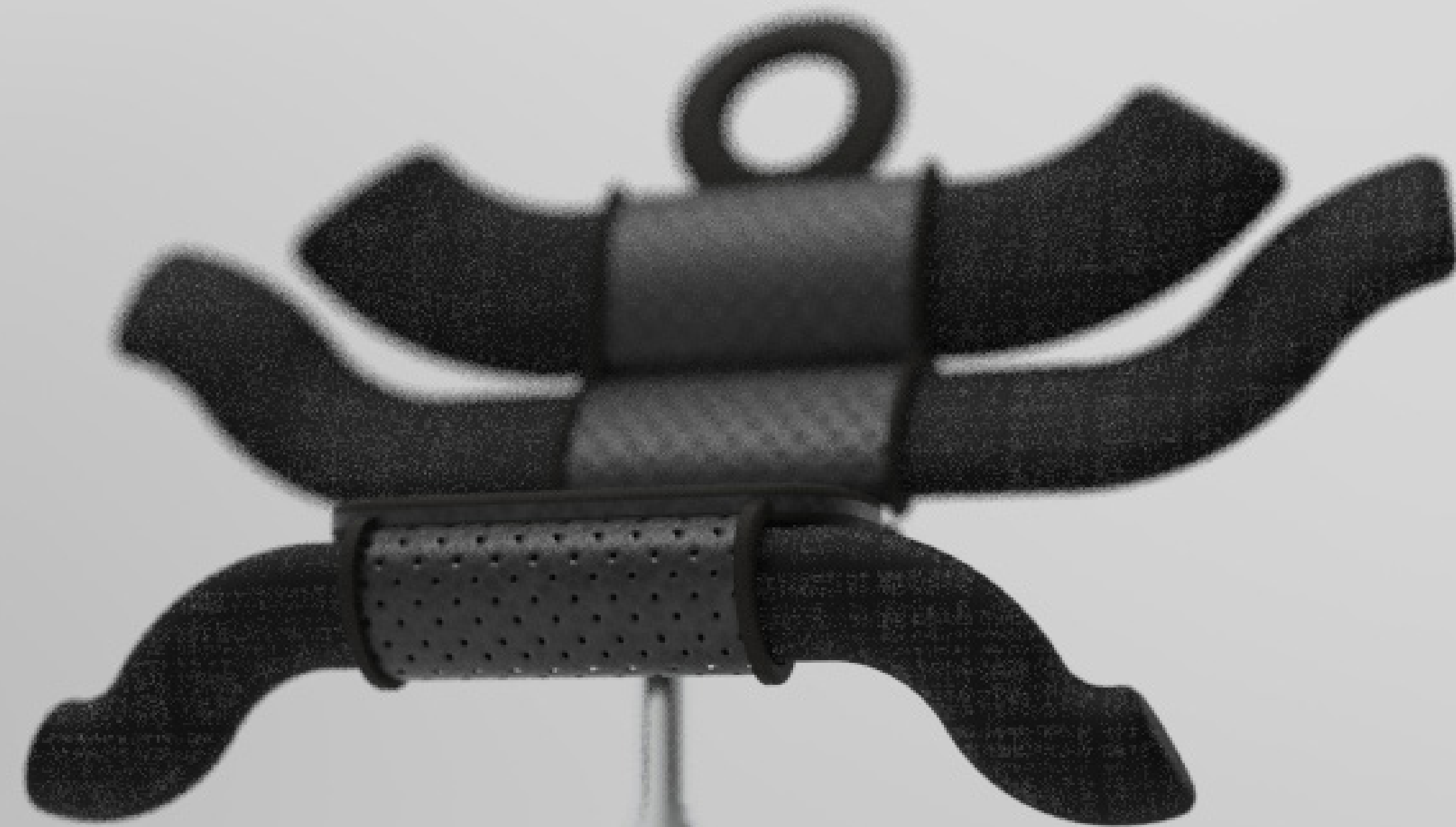
I want to effectively eliminate the gas guzzling USPS trucks



To carry out GM's goal of

**zero crashes,
zero emissions and
zero
congestion**

I aimed to rid urban areas of USPS trucks taking up parking spots and alleviate middle-aged workers who are currently on foot for 6-8 hours a day



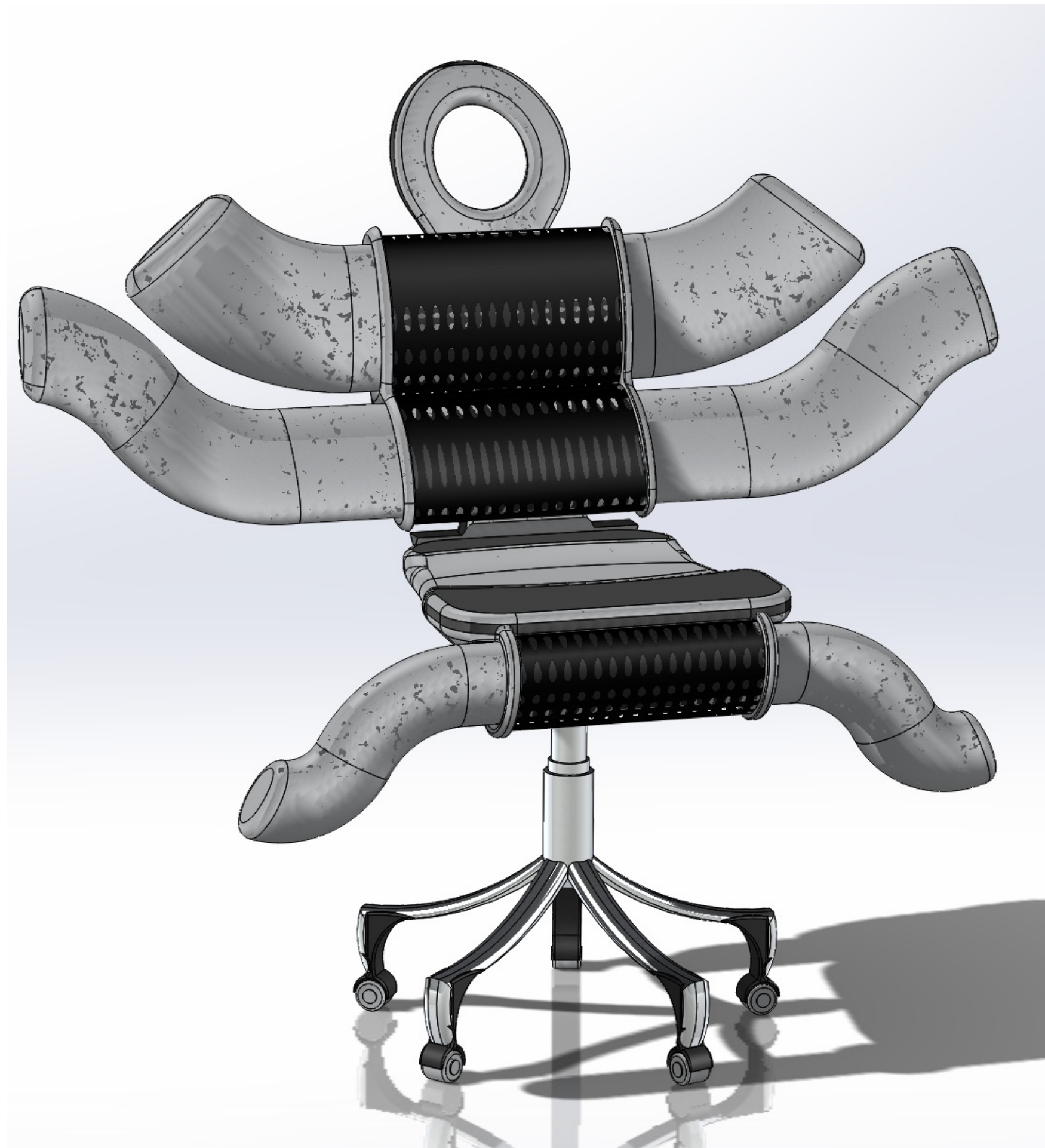
POISED

The Problem

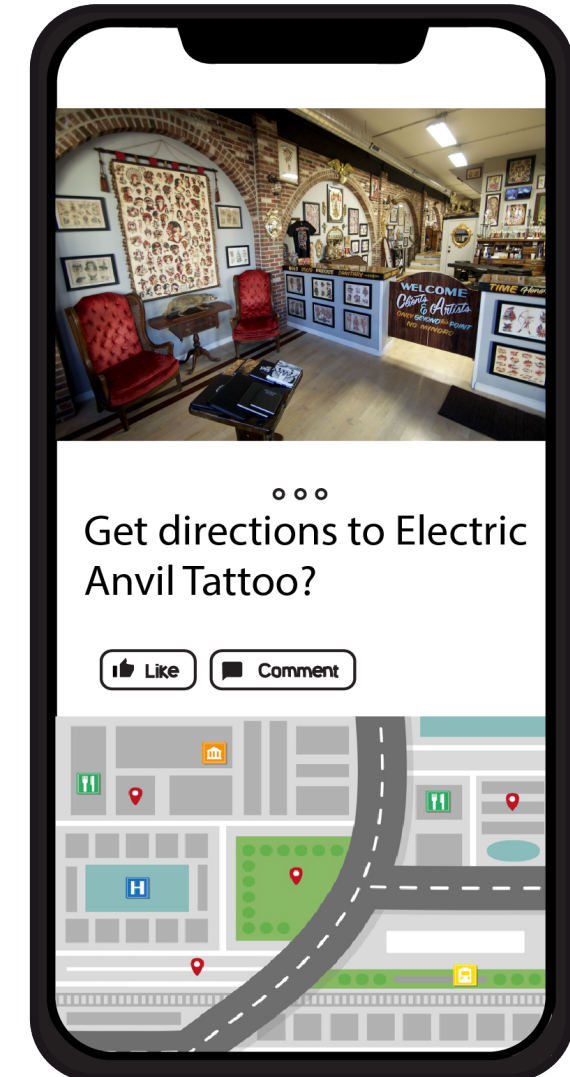
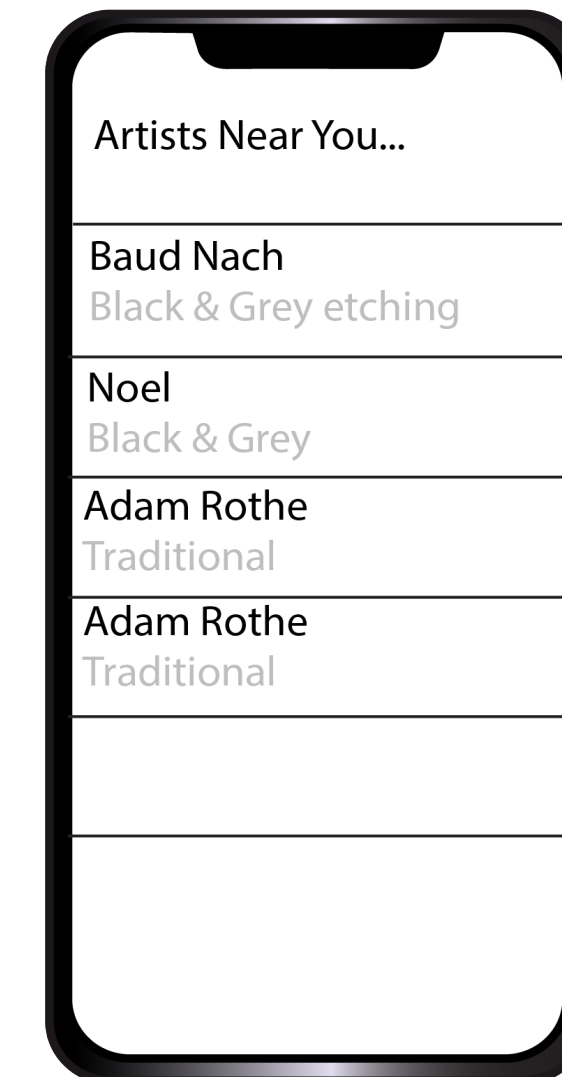
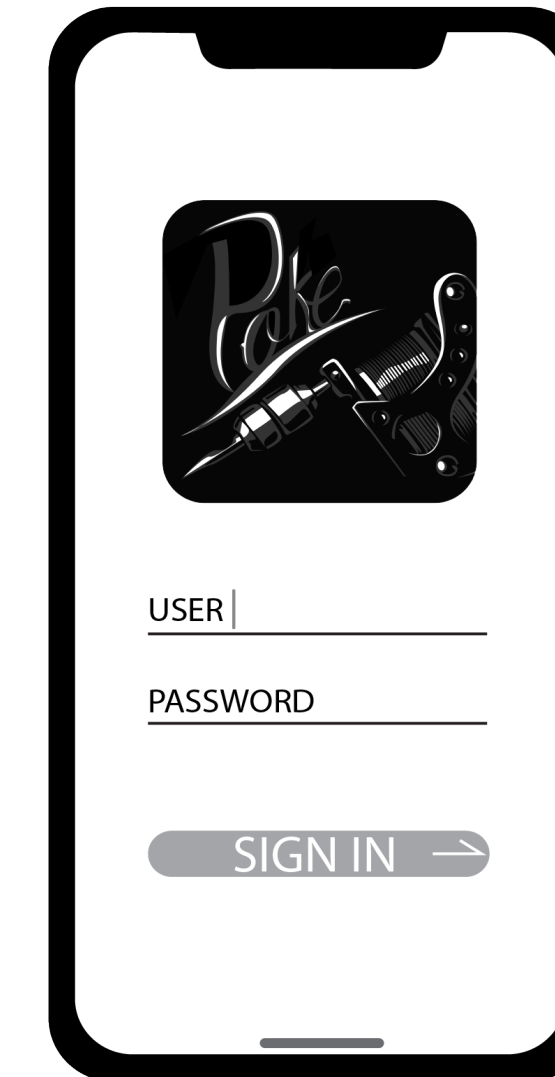
Tattoos have become progressively respectable somewhat recently, whether you are commemorating a loved one, getting an art piece that you love or trying to heal an old wound, Tattooing isn't what it used to be, you don't exactly have to earn it anymore. Although this development has taken place, not a lot of change has occurred in the sense of the tattooing experience.

Jake Weizenecker - Debera Johnson - UX/UI Design Studio



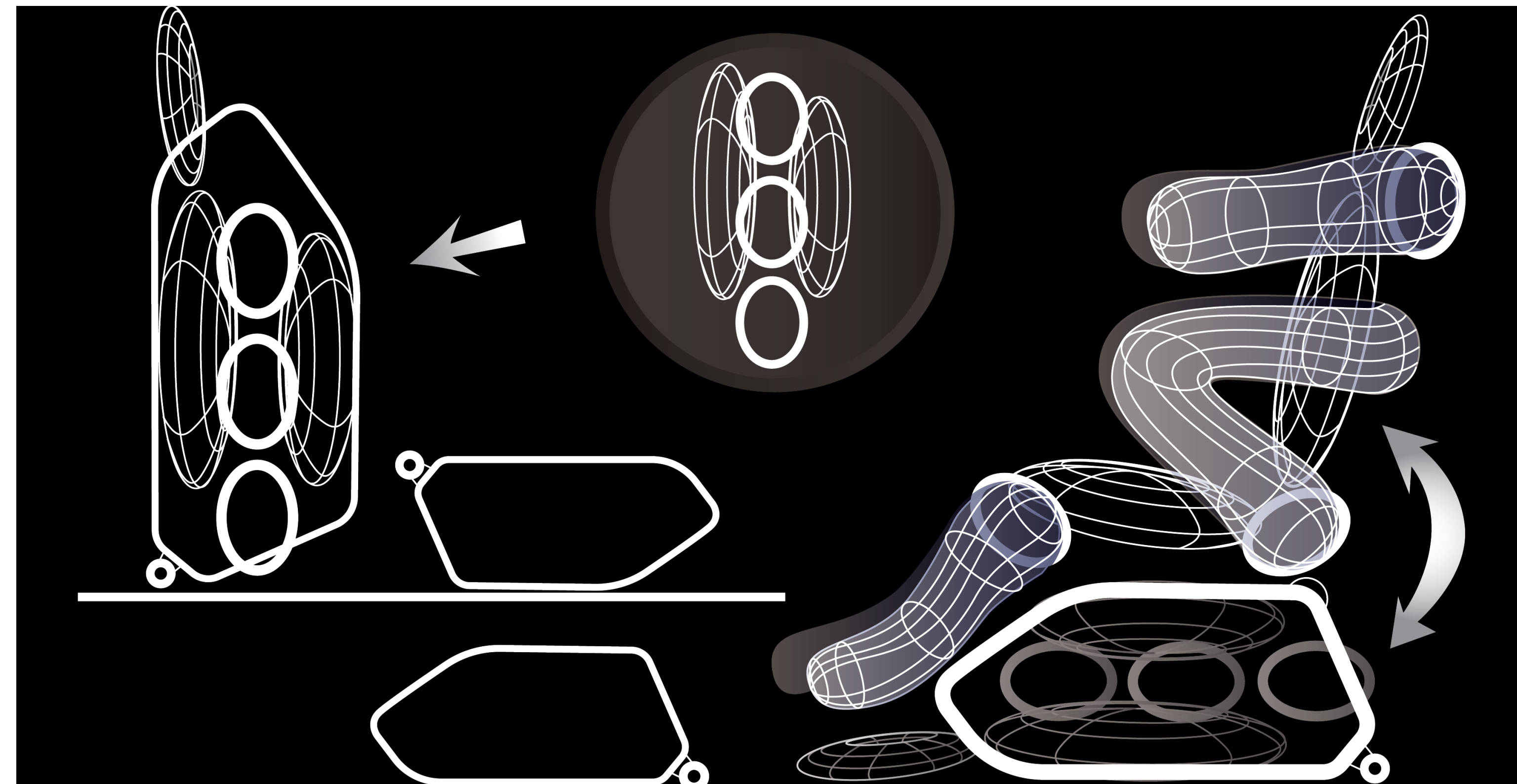


There is also a Haptic Feedback sensor that delivers a jolt to the artist or vice versa if somebody needs a break or prevent clients from passing out. this would be accessed through the poke app where you can also find artists in your area



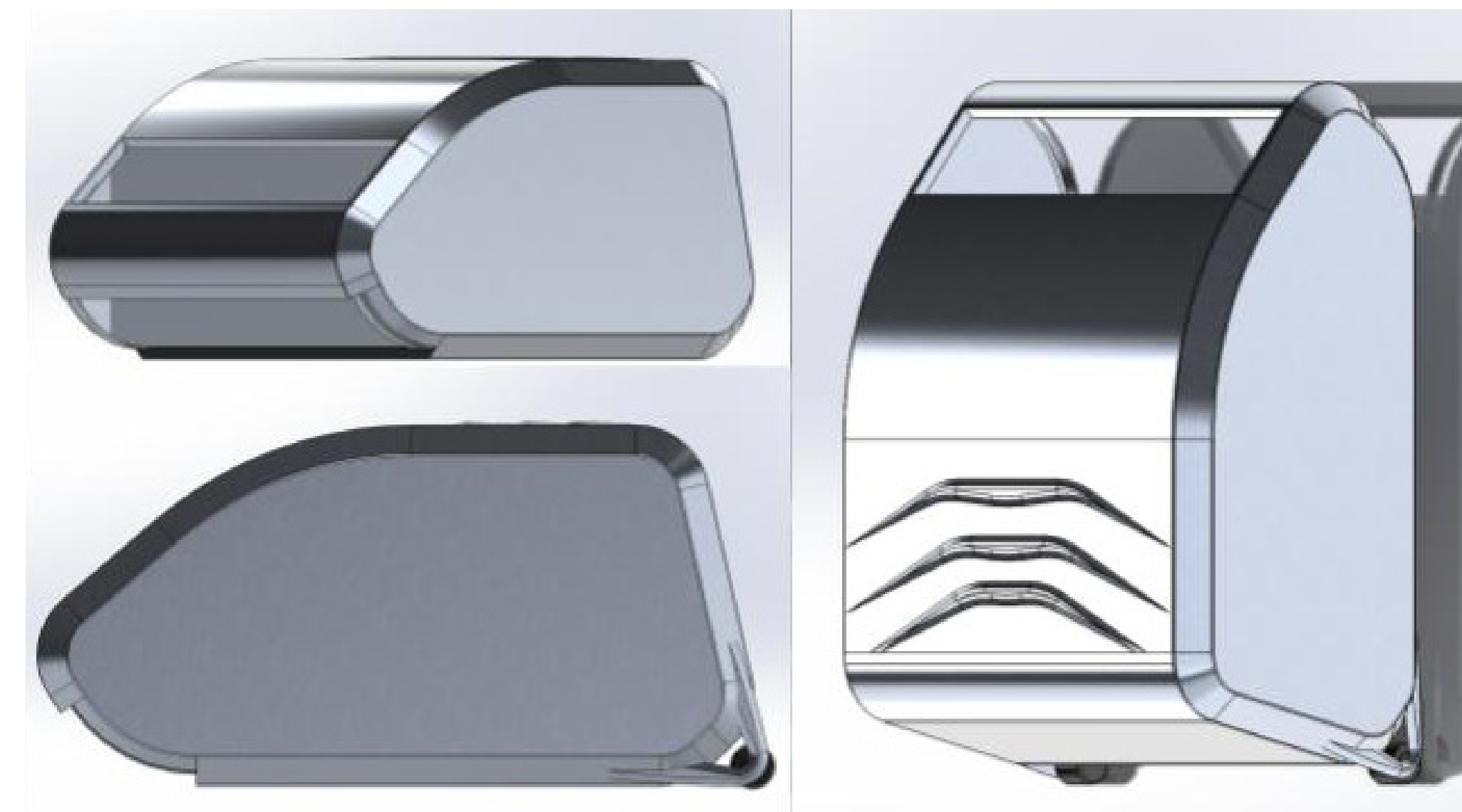


After feedback I developed a second base that would be more conducive to its use. This suitcase base will protect the chair from the elements while traveling.





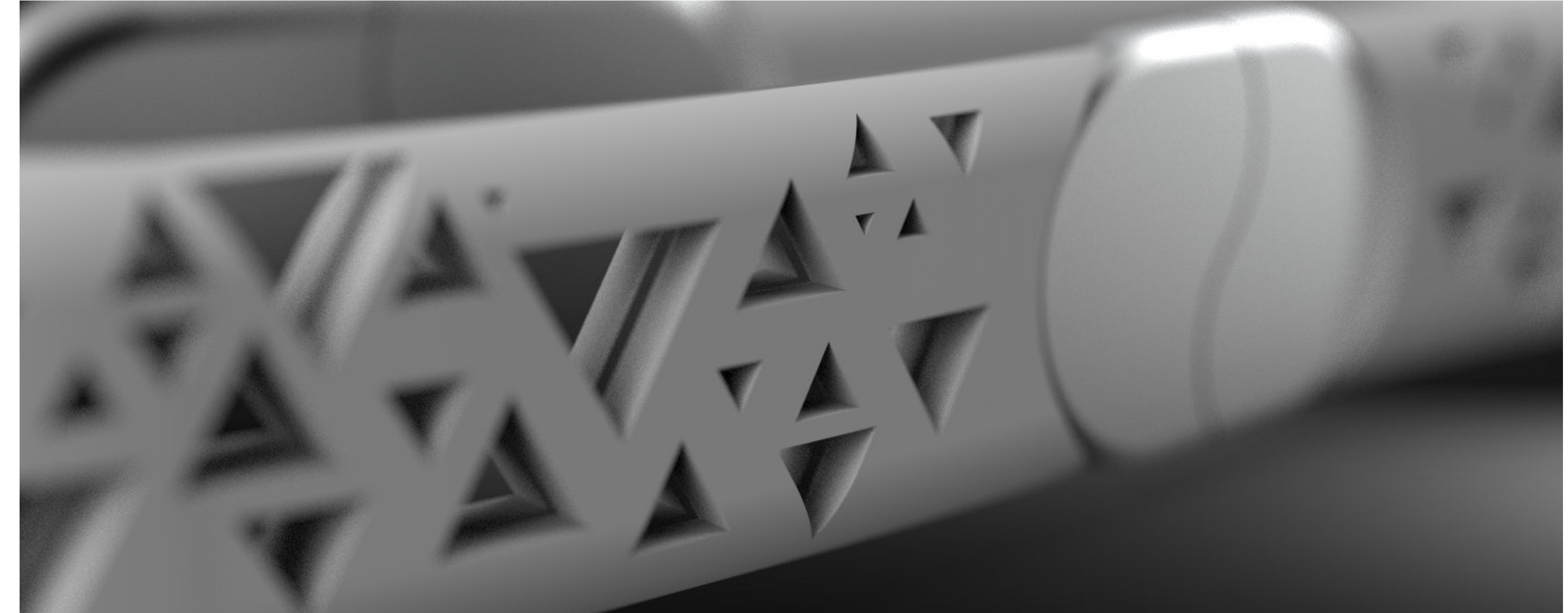
The final design incorporates the initial cushion concept to a more stationary base. This will also double as a suitcase for the artist to take to a public or private studio, tattoo conventions or a clients home.

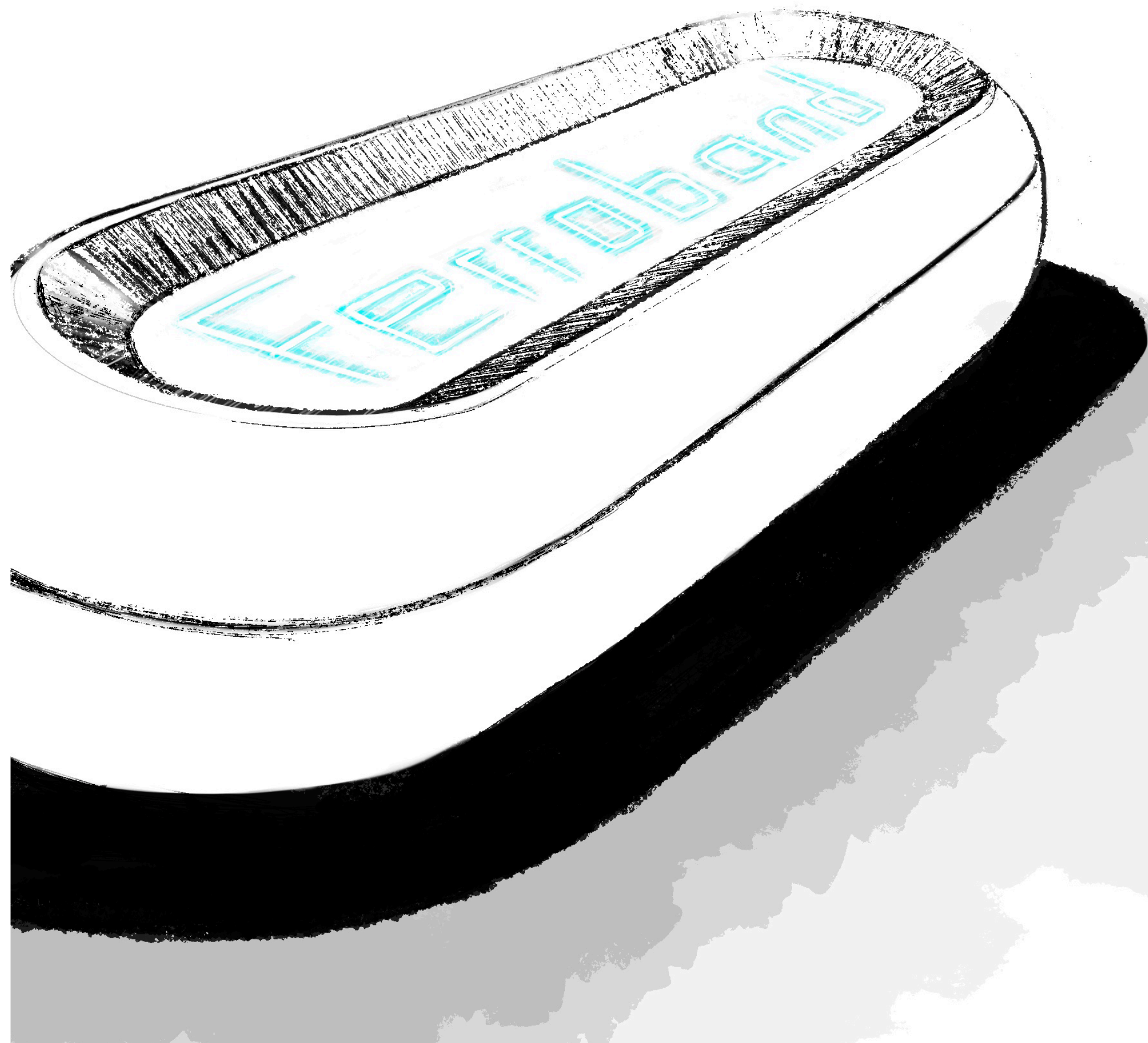




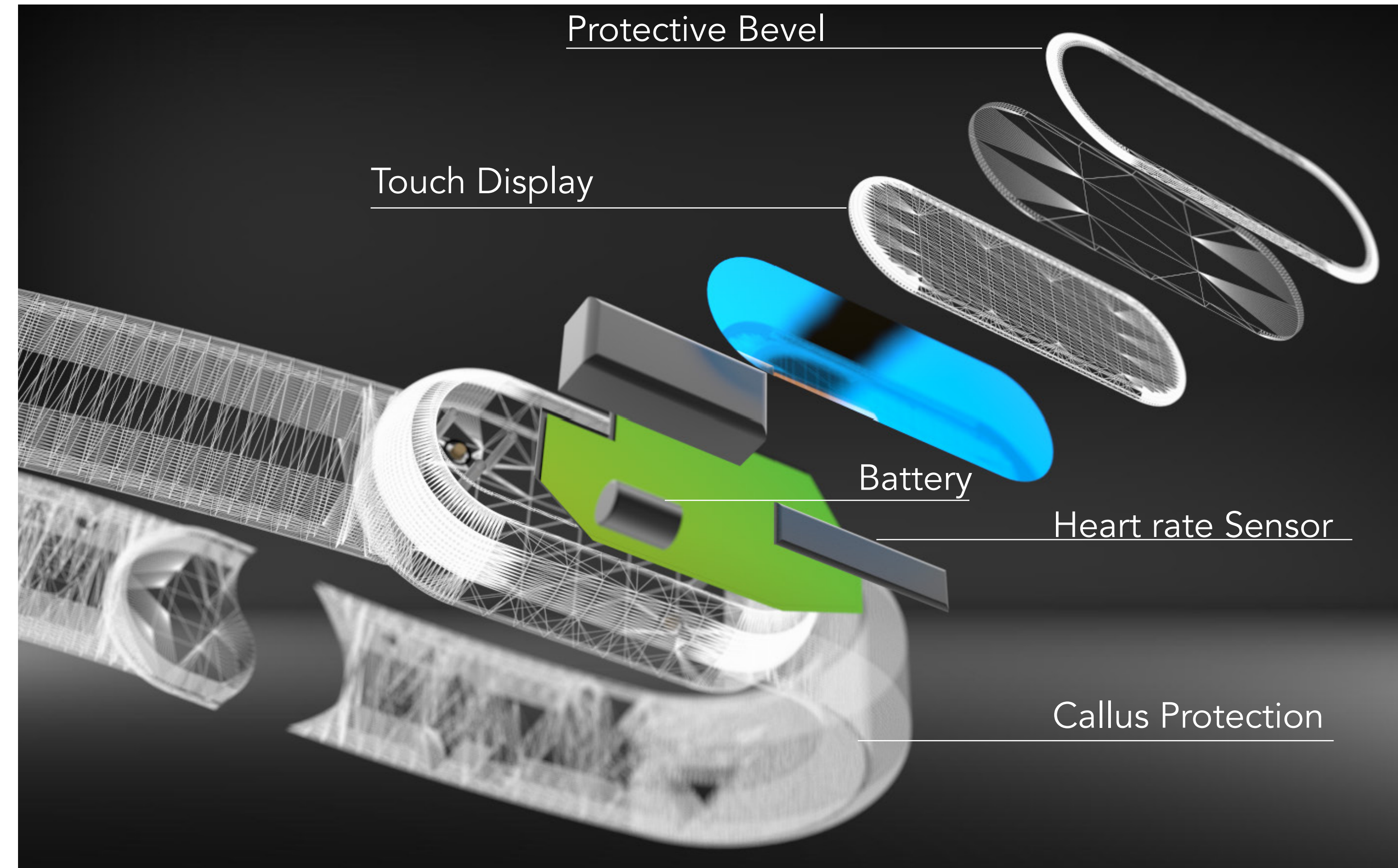
THE FERROBAND

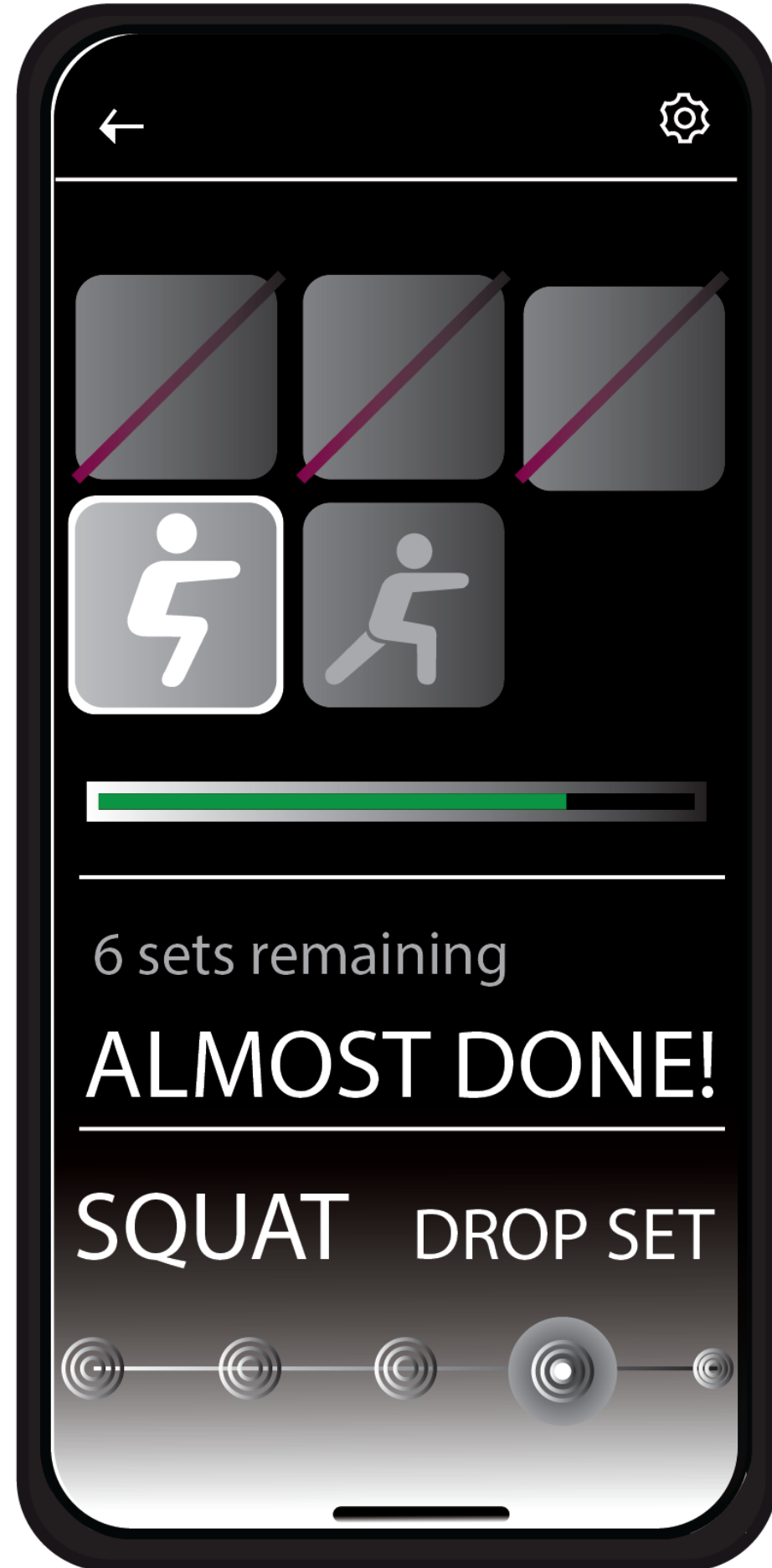
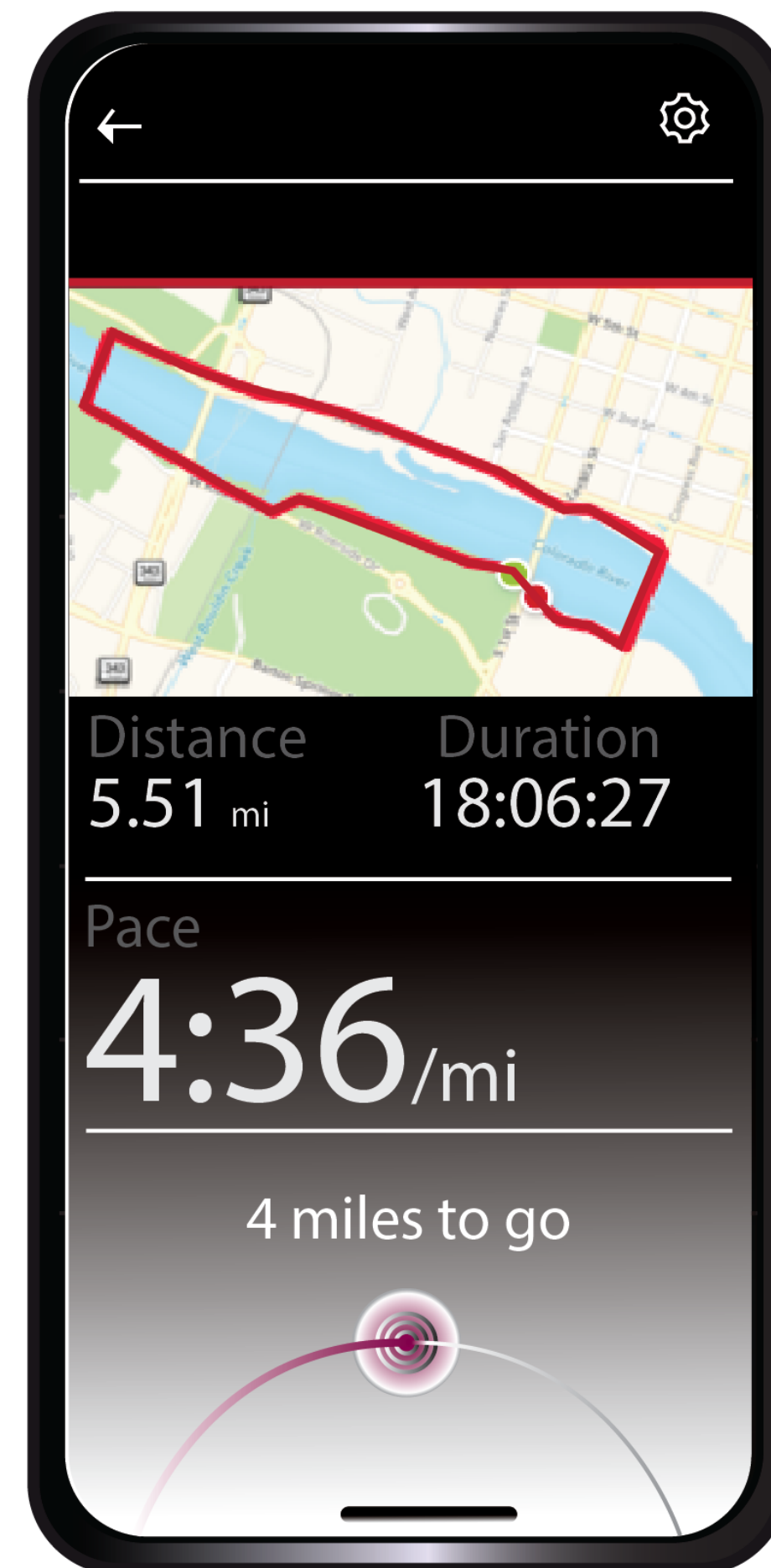
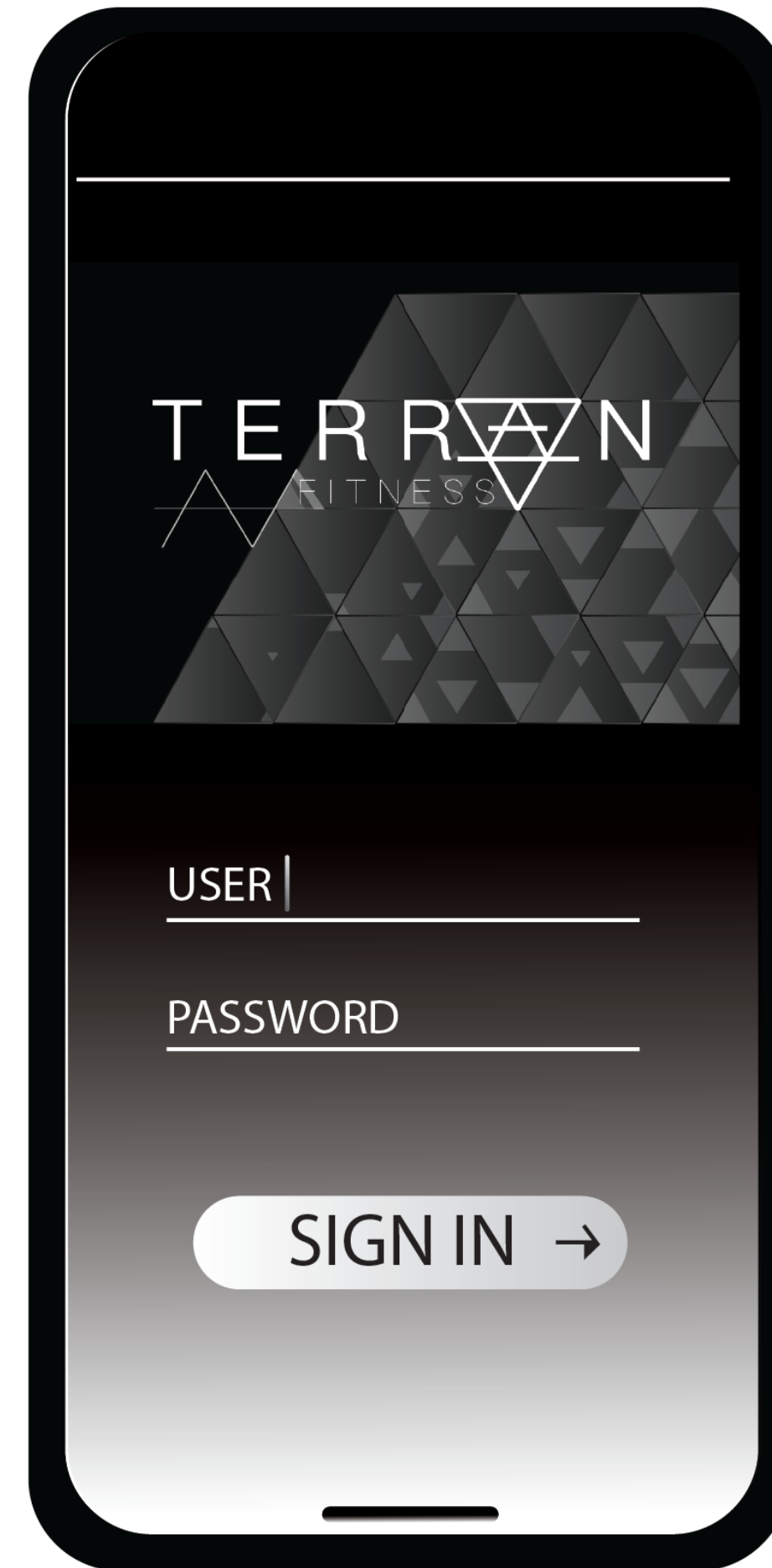
The Ferroband is a magnetic fitness accessory. The smart display can be taken off and magnetically attached to other ferrous materials in the gym. The bands can be wrapped around the users hands in order to protect calluses hands in order to protect calluses during heavy barbell movements. All statistics from your workout can be synced to the Terran App where you can share workouts and compete with friends.





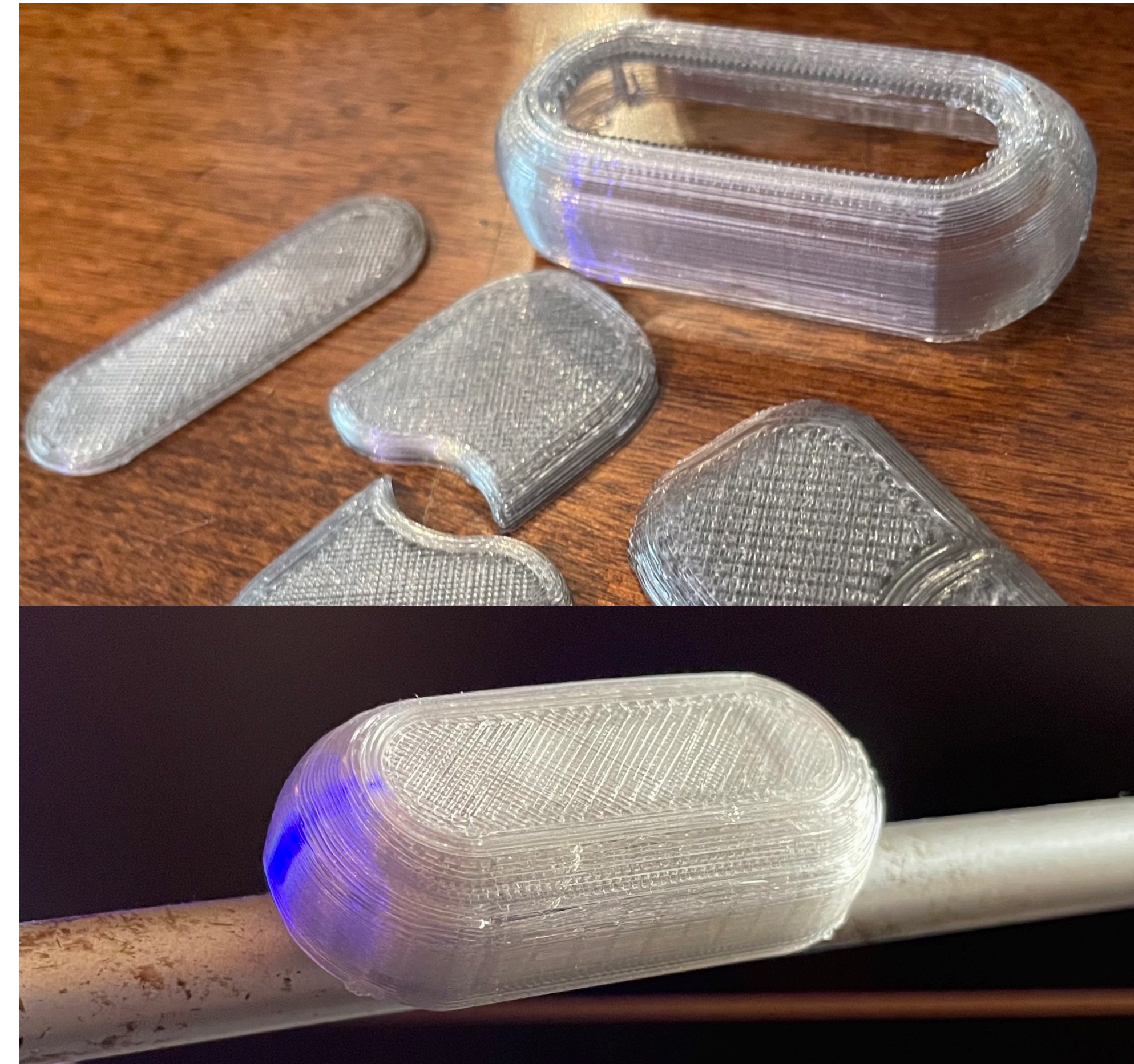
I wanted to create a fitness tracker for people that perform bodybuilding/powerlifting movements. There are many fitness trackers that show you calories burned and how many steps you took, I wanted to make something for gym goers







The Ferroband also comes with a wireless charger that can be used for your phone as well. This Ferrostand comes as a limited edition add-on when



First 3d printed prototype. Clear Grey PLA. this mockup was made for general testing with magnets.

