



YOUTOPIA
Design studios

Design for a Difference
Create for a Cause

Coffee after COVID

(Personal Isolation Shield)

Observation:

Coffee after COVID (SOCIAL ISOLATION SHIELD)
Almost a year has passed and we barely have a cure of COVID-19 available to everyone and it will still take some time to wipe out COVID from the planet.

Also there are news of a second strain of COVID which is 70% more dangerous and we don't even know it's symptoms yet and seeing that it took a year to come up with a cure, we don't know how much time it'll take to come up with the cure for second strain.

It seems like we are on our own for a while. So in these uncertain times we have to rely on precautions for our safety.

But people are so agitated and bored, that they are going out regardless of the pandemic still being out there.

Coffee after COVID

(Personal Isolation Shield)

Defining the problem:

The virus gets into our system through inhalation or ingestion. So it is highly necessary for us to keep our head and neck efficiently isolated.

But at least 80% of the face masks in use, are dust- protectors and according to medical experts it is not even close enough to the level of protection required. So basically so more than half of world is running around due to placebo effect.

Also, **the biggest problem is that we cannot wear masks or head shields while consuming food or beverage, which could lead to infection risk.**



Coffee after COVID

(Personal Isolation Shield)

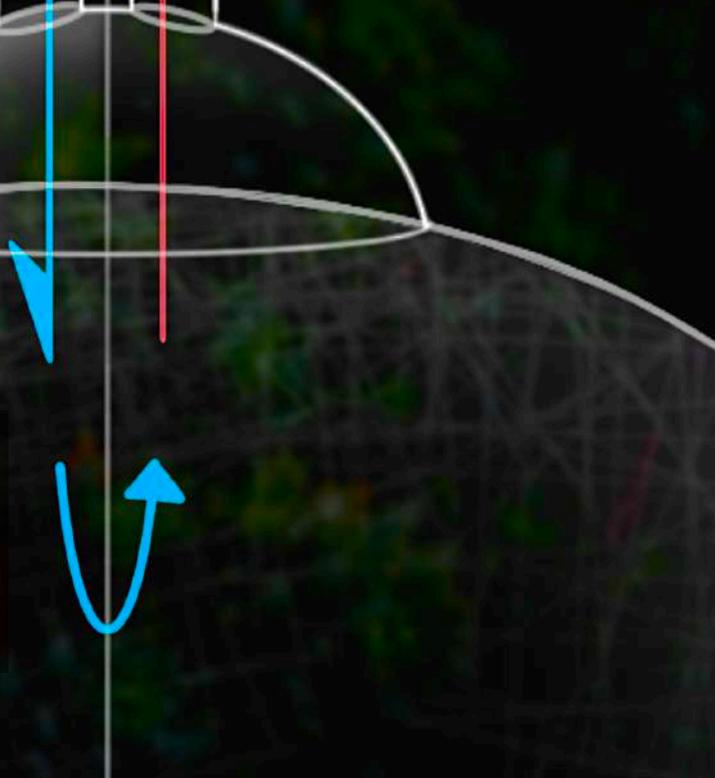
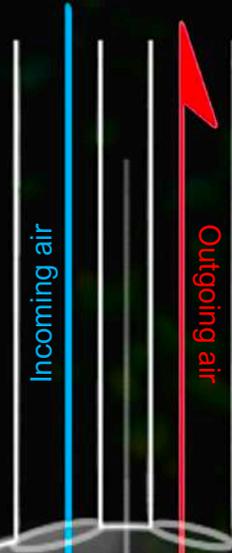
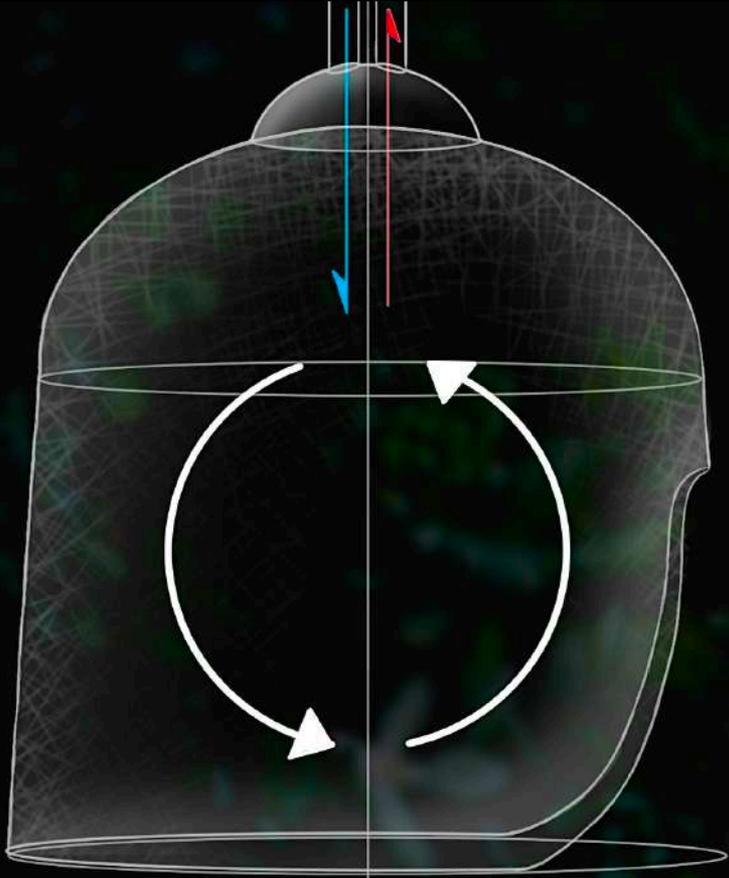
Product description:

This pandemic has hit us where it hurts the most. We are deprived of basic human activities which we took for granted. These simple activities are what makes us humans.

In these tough times, my SOCIAL ISOLATION SHIELD is going to come in handy as it covers the whole head and generous amount of upper body without the sensation of suffocation like some people have complained about masks. Also when and if the lockdown lifts up we need all the help we could get to create a social system specially designed for a life after CORONA.

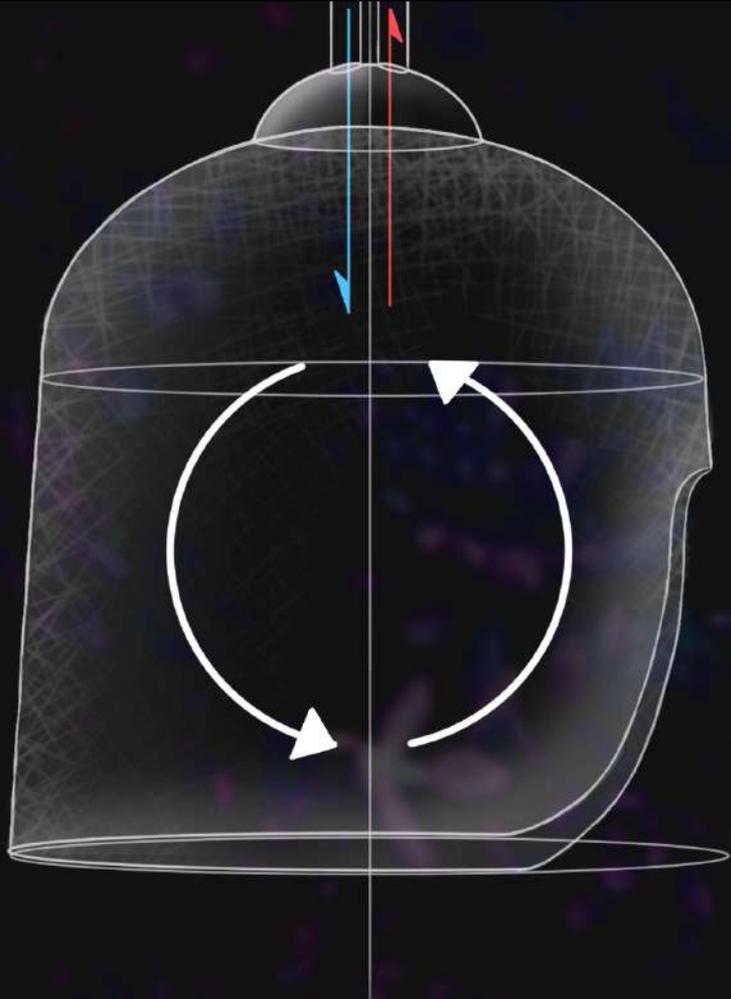
So my product is an attempt to provide a solution for the social paradigm of eating out and coffee shops, which is one of the most missed activities according to my observations. This is one of the best options for these kinds of public spaces as we will have to remove our face masks in order to have any consumables, leaving ourselves exposed otherwise.





Air Circulating pipes

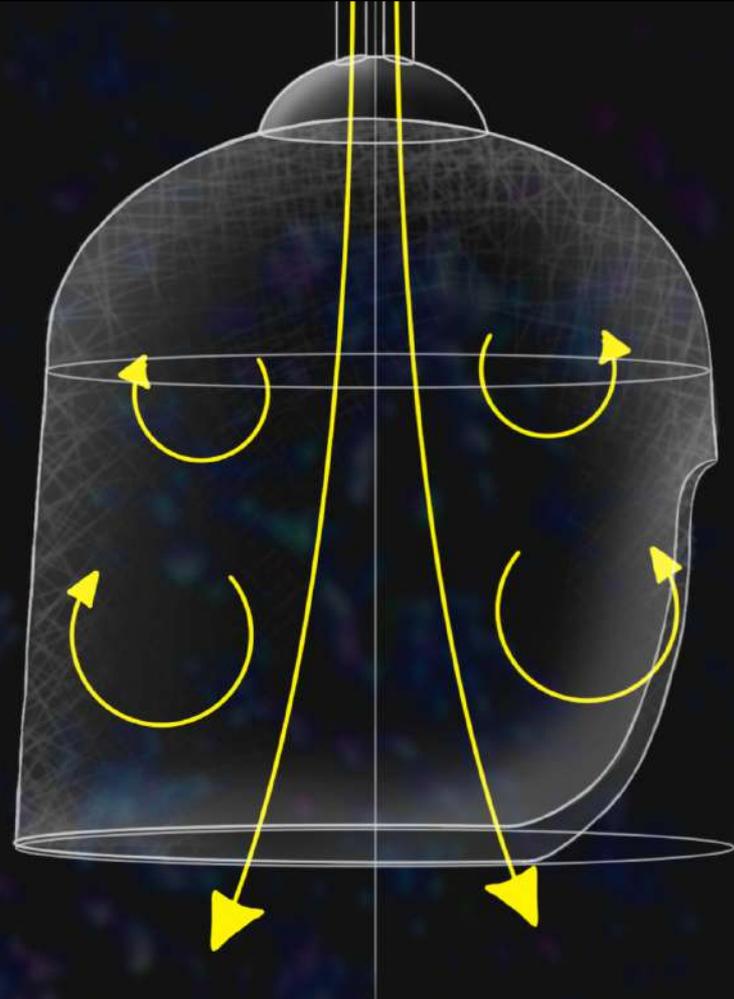
There are two functionalities of these twin pipes



Configuration 1 (Air circulation)

The first configuration is for a comfortable air circulation. As the biggest issue that we face about protective equipments, is that people feel suffocated in them as the equipments block the natural air flow. The pipes are connected to two motor pumps which maintain an anti parallel air flow while being used so that fresh air can come in and unfresh air can leave easily and simultaneously.

Twin pipe configuration



Configuration 2 (Sanitisation for reuse)

The second configuration is for auto-sanitisation. During these difficult times it is advised that every surface must be sanitized before use and in a busy social construct like a restaurant, it is impossible to sanitize the shield manually in a short time period. So in the second configuration the motor pumps will let out a fog of sanitizer fluid at the push of a button.

Thank-you