

A dark square with rounded corners containing the letters 'ID' in white.

ID

Portfolio 2021

Parth Joshi



CV

Hello, this is Parth Joshi. I am a 4th-year design student at Nirma University, aiming for a career in industrial design

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Education

HSC,SSC
SNGV,Ahmedabad,2016,2018

College
Semester 7 @Nirma University
U.G. Programme at Institute of Design
Under Industrial Design

Software Skills

- Rhino WIP
- Keyshot
- PTC Creo
- Solidworks
- Photoshop
- Illustrator
- Indesign
- Sketchbook
- AutoCad

Anologue Skills

- Research
- Insight Mining
- Hand Sketching
- Communication
- Design Process

Experience

- 4 Week Summer Internship, 2019
@Arise Engineering Services
- 6 Week Summer Internship, 2020
@Otlo By Baakas Design studio
- 8 Week Summer Internship, 2021
@Vintage Wood Crafts

Weatherproof and scalable
solution for cleaning PV roof modules

The efficiency of solar panels depends on the dirt and dust that accumulates on top of the panel. Solis aims to clean collectors easily and automatically.

SOLIS

Automatic Solar Panel Cleaner

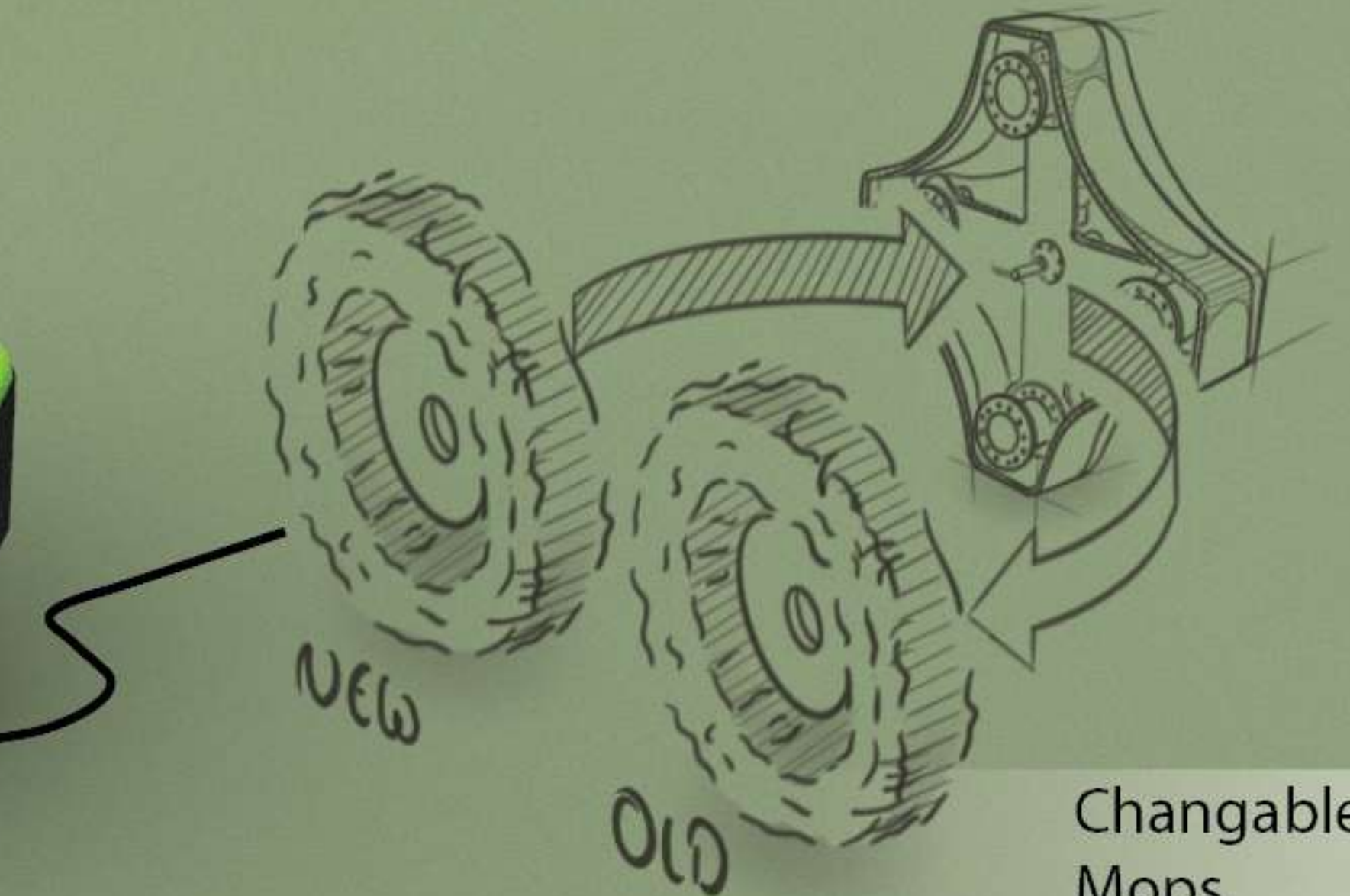
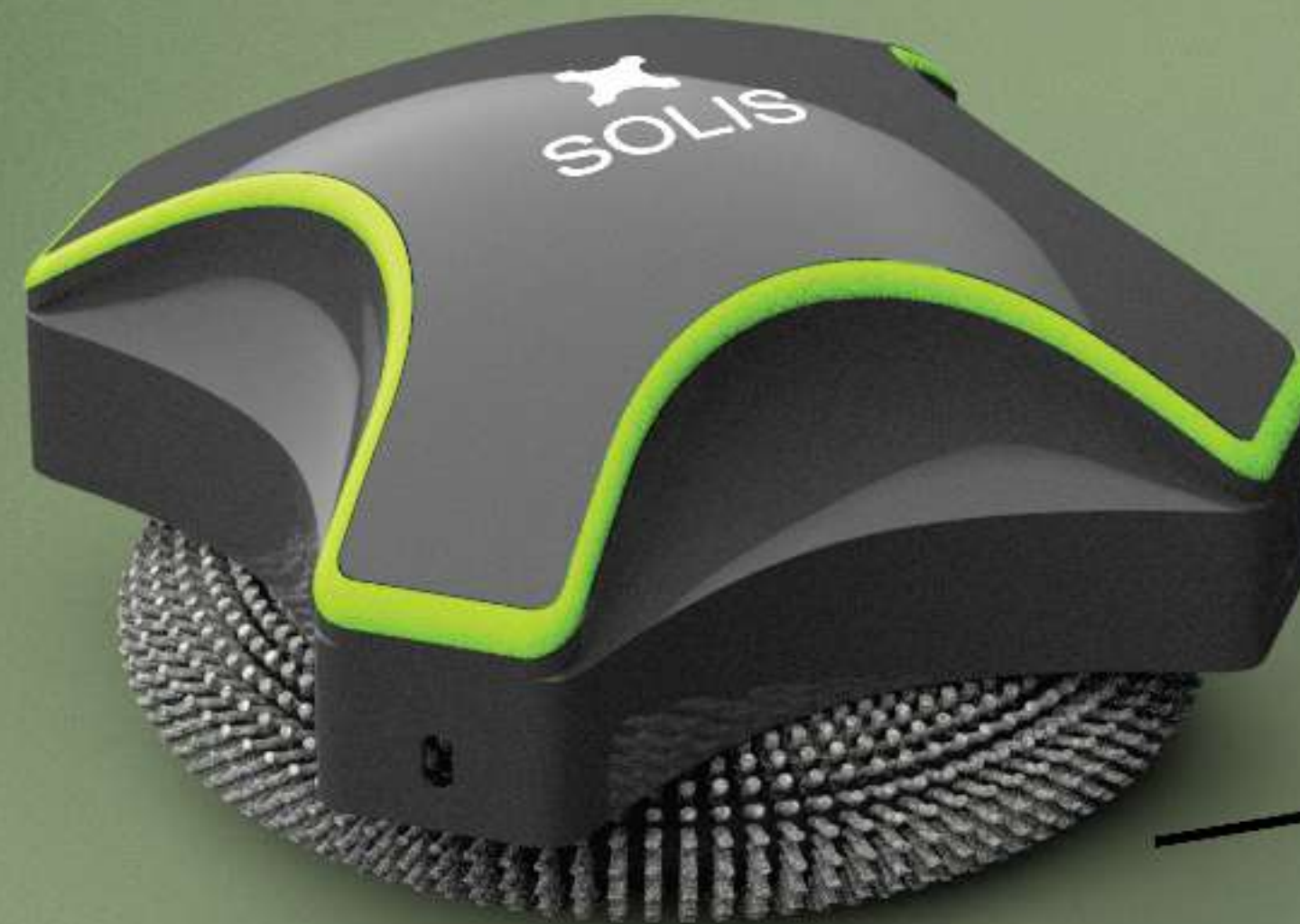
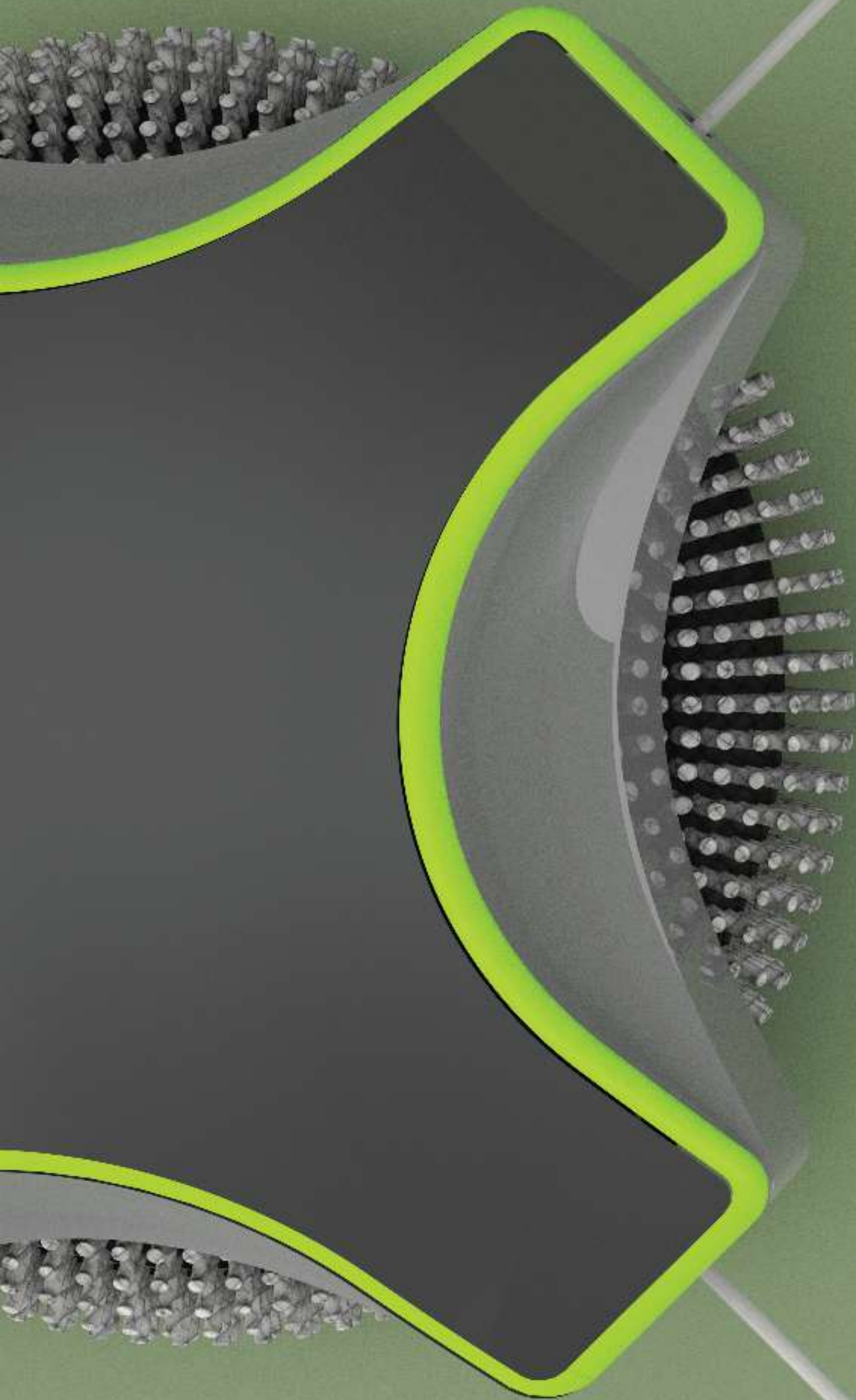


Impact of solis

Solis ensures that the panels remain clean and the out put of the panels is the highest.

It becomes difficult and dangerous for people to clean panels mounted at a height. Solis does the job effortlessly without any complications.

Cleaning of panels requires time and efforts for a person. Solis being pre-programed and automatic does the job easily, saving time and energy.



Changable
Mops

The App

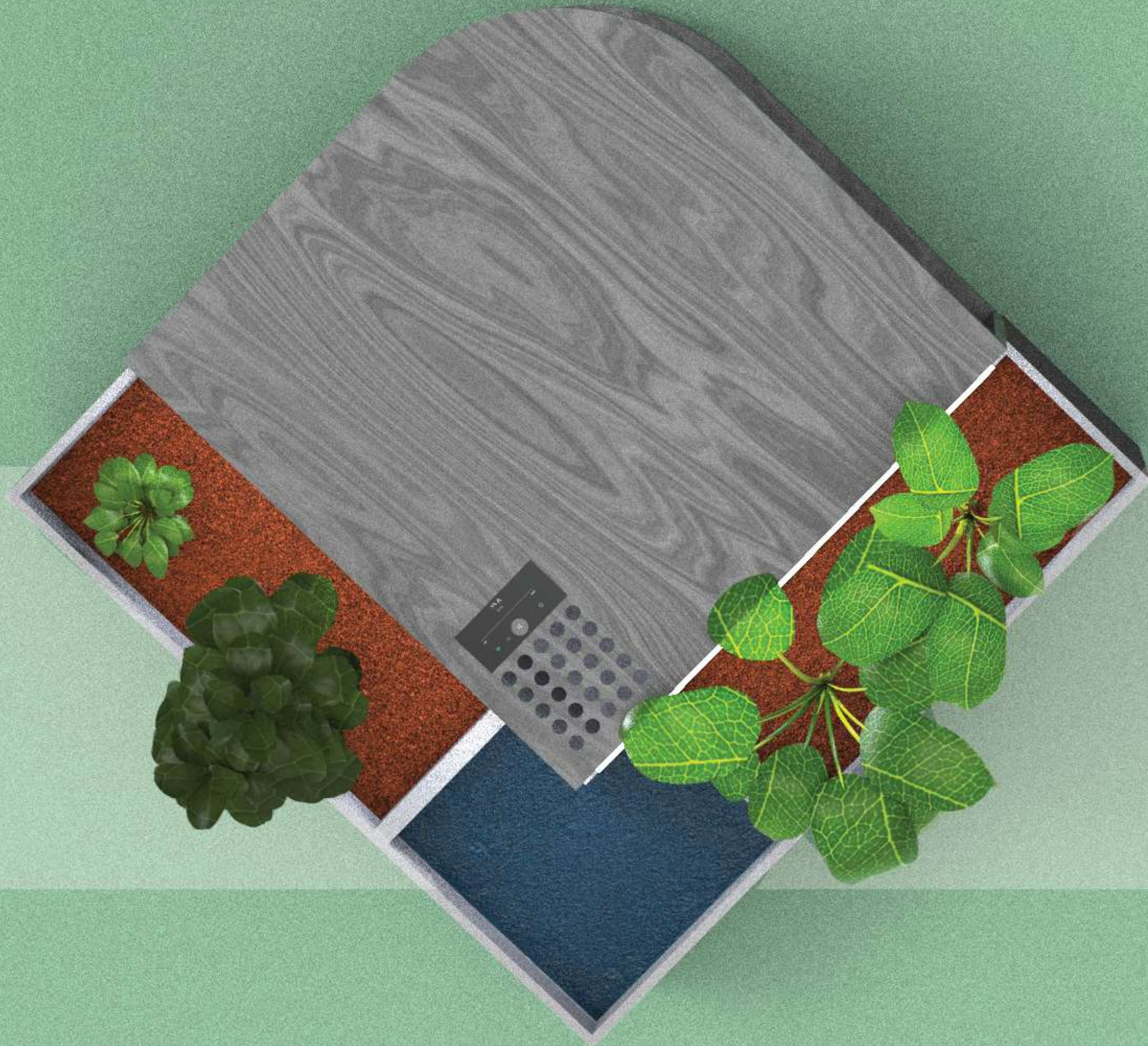
An App which connects with the product with a WiFi module which makes it very easy to clean panels . The cleaning can be done manually through the app as well as automatically



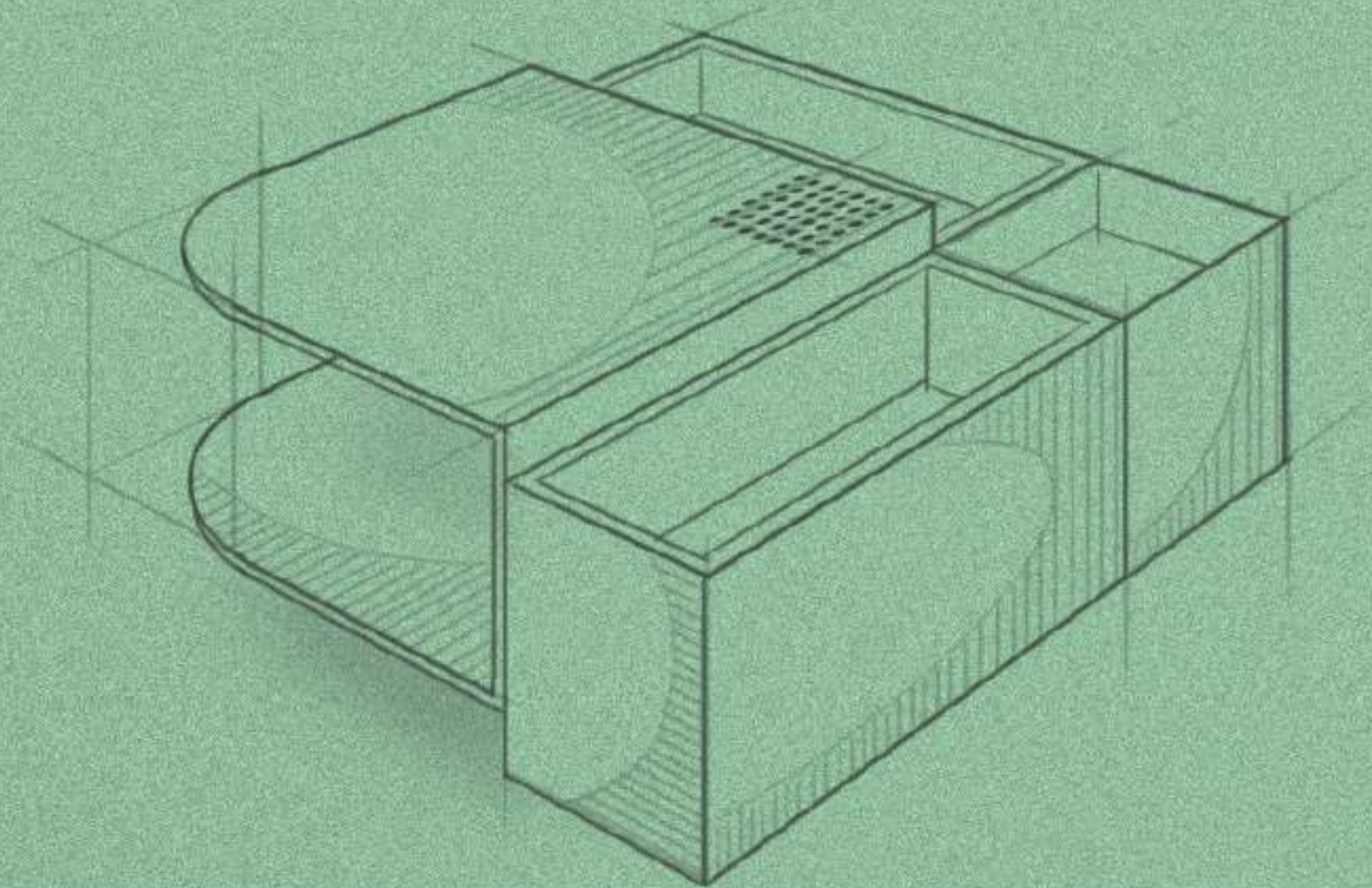
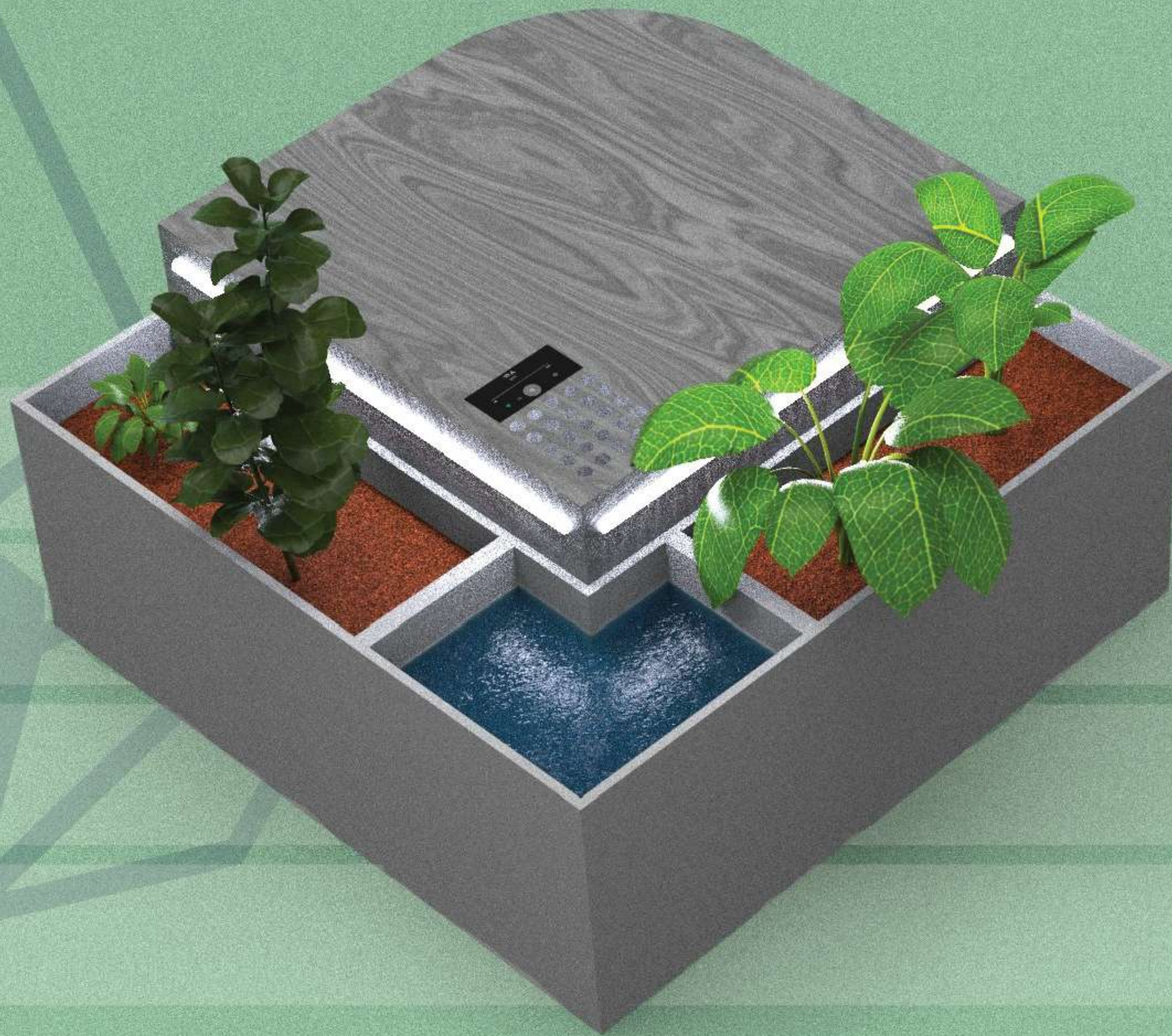
[Click here to know more about this project](#)

Breathe

Reconnecting with
Nature



A piece of furniture that brings nature
inside house and also takes care of it
for you. Perfect, to enhance the
beauty in house.



Automatic watering

(Automatically watering plants whenever they need it)



Growing Lights

(Ambient lighting helping plants grow without sunlight providing similar conditions for photosynthesis)



Soothing Music

(Good soothing music and vibrations help plant grow more efficiently and happily)



App controlled

(All of these features can be controlled through a personalized mobile application)

The App

The device can also be connected via the mobile app, allowing users to adjust their settings to their liking.



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Rice Bag Packaging

A new design for old jute bags that solves its handling issues and an attempt to make them easier to use by adding a reclose option to the bag that can make it more useful.



-Easy Carrying

Overcoming carrying & moving difficulties.

-Resealing

Making the unpacking of packaging more sensible ,user-friendly and repackable so it can be used as a container and reused.

[Click here to know more about this project](#)

The Portable Sketch-space

A perfect sketch companion for people who love sketching outdoors and find it tedious and exhausting to have to designate a room every time they go out. A perfect, compact and customizable sketch companion.



Adjustable



Foldable



Portable



Adjustable

It is adjustable in height so that it is more comfortable for the user even if they want to sit on the floor or in a specific seat



Foldable

A completely foldable product that makes it a perfect compact product for lovers of outdoor sketching.



Portable

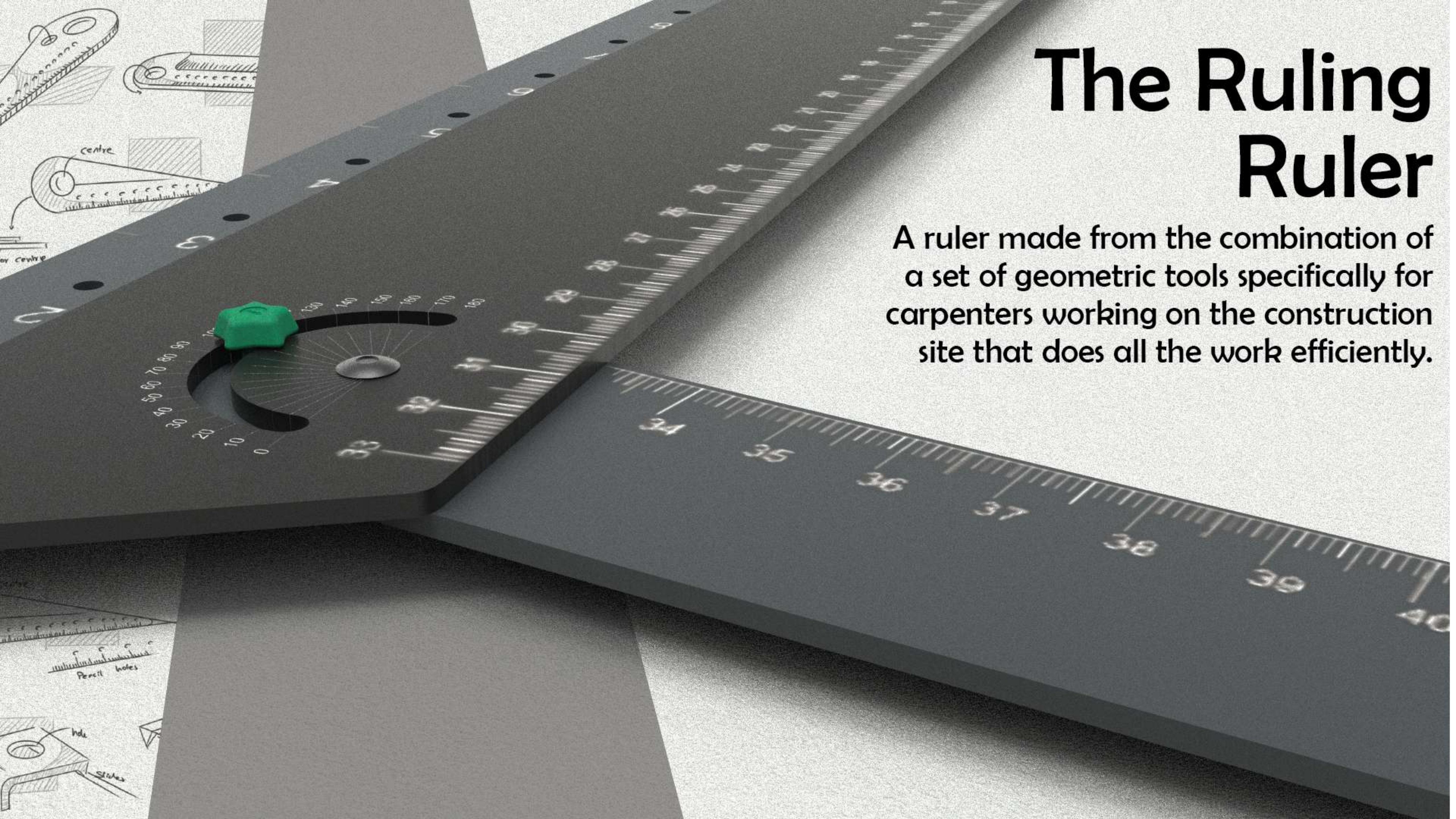
The problem of repeatedly setting up a workstation wherever someone goes is solved by making it compact, customizable, and portable.

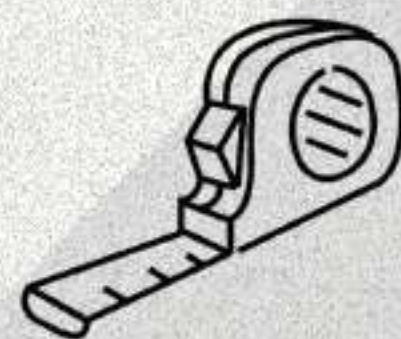
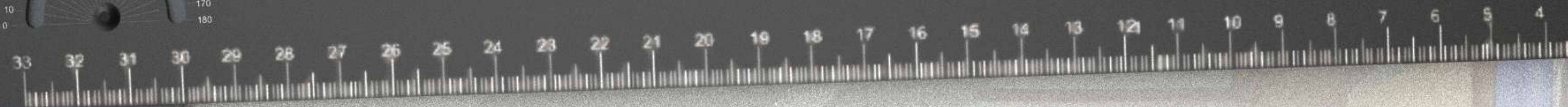
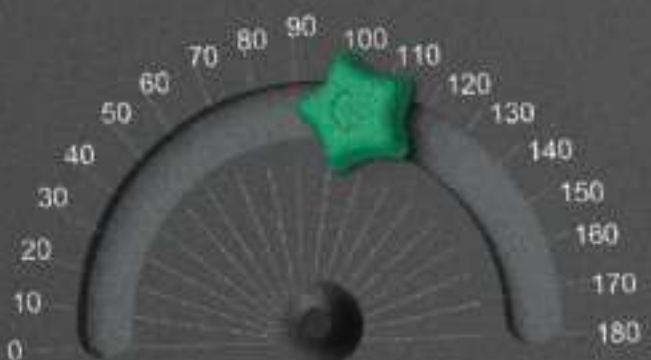


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The Ruling Ruler

A ruler made from the combination of a set of geometric tools specifically for carpenters working on the construction site that does all the work efficiently.

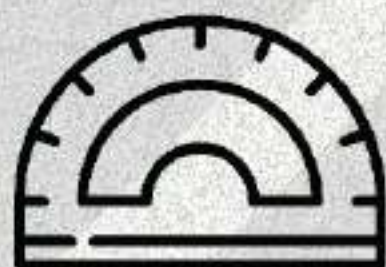




**Extendable upto
60cms**



**Can be used as
compass(in)**



**Precise angular
settings**

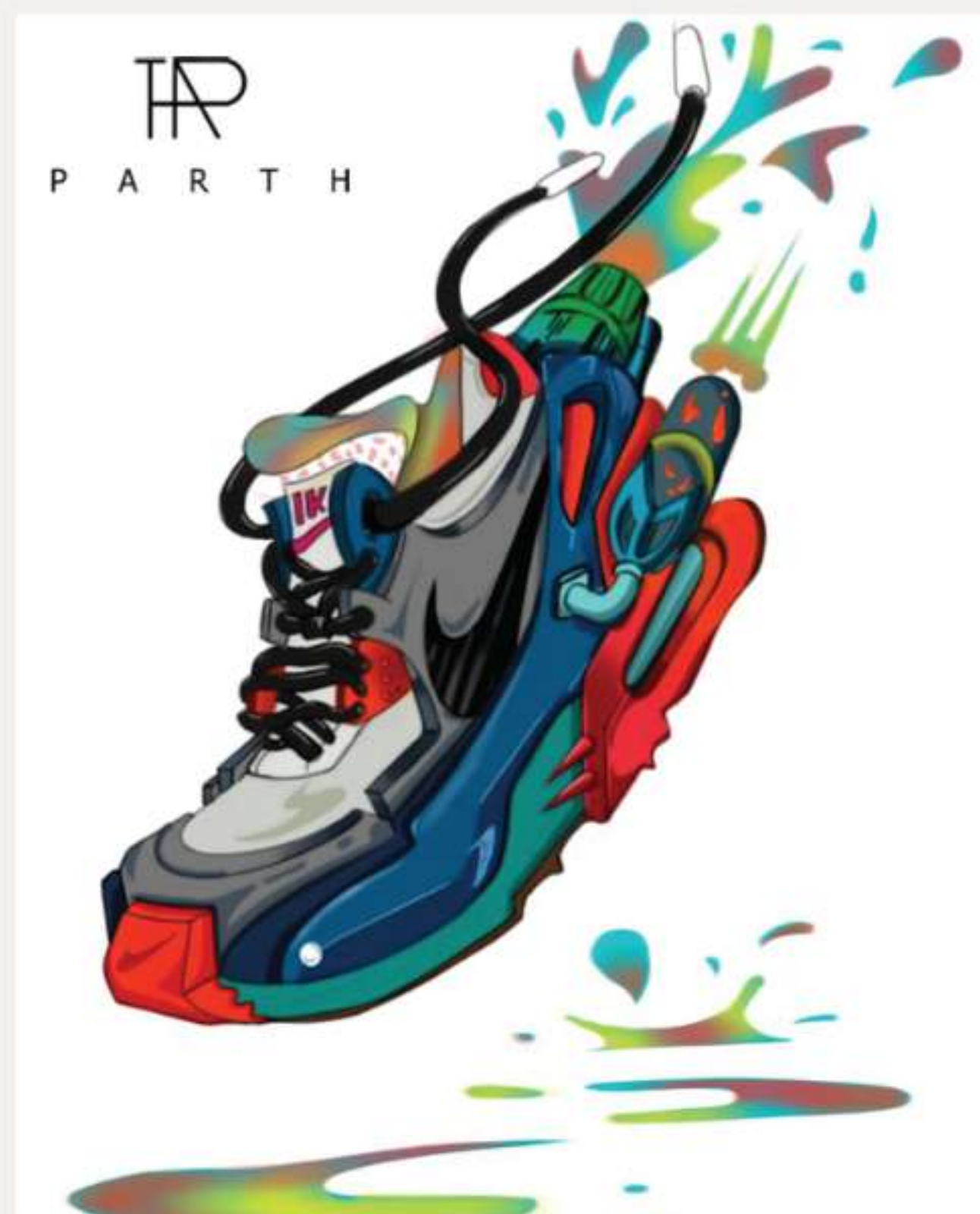
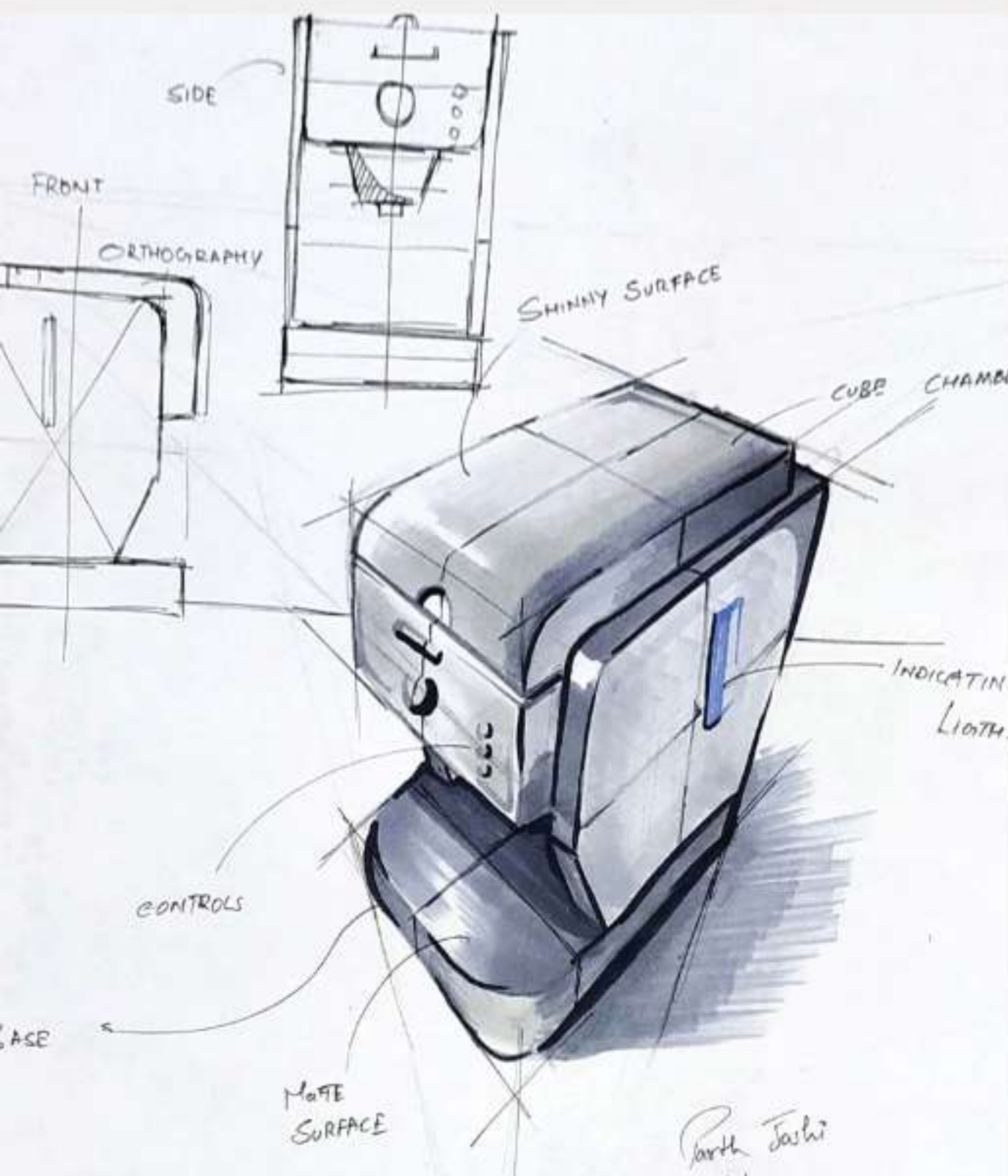
Features

Carpenters need to carry a number of tools to their locations, so here is an attempt to solve their problem by combining some of their essential tools into one tool.

[Click here to know more about this project](#)



My Skillset



[Click here to know more about this project](#)