




Art Of Model Charger & Socket Device

Berk Shukhy Bryan

CONTENT

Covered Topic
Member/Team Profile
A Big Problem with Electronics
New Idea to Solve World Problem
Easy Way Out
Couch (Charger Guide)
Problems with 'Couch'
Recreation of Couch 'Barrier'
Design Evolution
Our 2 nd Creation
Cover (Socket Cover Charge Guide)
How To Use It?
Scientific Principal
Business Model

Member/Team Profile

Name (Full):	Shukhy Ung	Berk Billur	Bryan Justine Dela Cruz
Country	Cambodia 	Turkey 	Philippines 

Team Name: CONVENIENT

Team #: Group 6

Subject Class: Art Of Model

Assigned Roles:

Shukhy Ung:

Slide Presentation; Contribute Ideas To Group

Berk Billur:

3D Design; Contribute Ideas To Group

Bryan Justine Dela Cruz:

3D Design; Made 'Cover' (Socket Cover Charger Guide); Contribute Ideas To Group

A **BIG** Problem With Electronics

Plugging in charger into
the socket is big
problem



'New **IDEA** To Solve A World Solution'

Case Scenario:

1. Blind people have trouble with plugging in the charger.
2. Trouble plugging in charger at night\When light is off.

Worst Case Scenario:

1. Getting electrocuted
2. Knocking down other objects

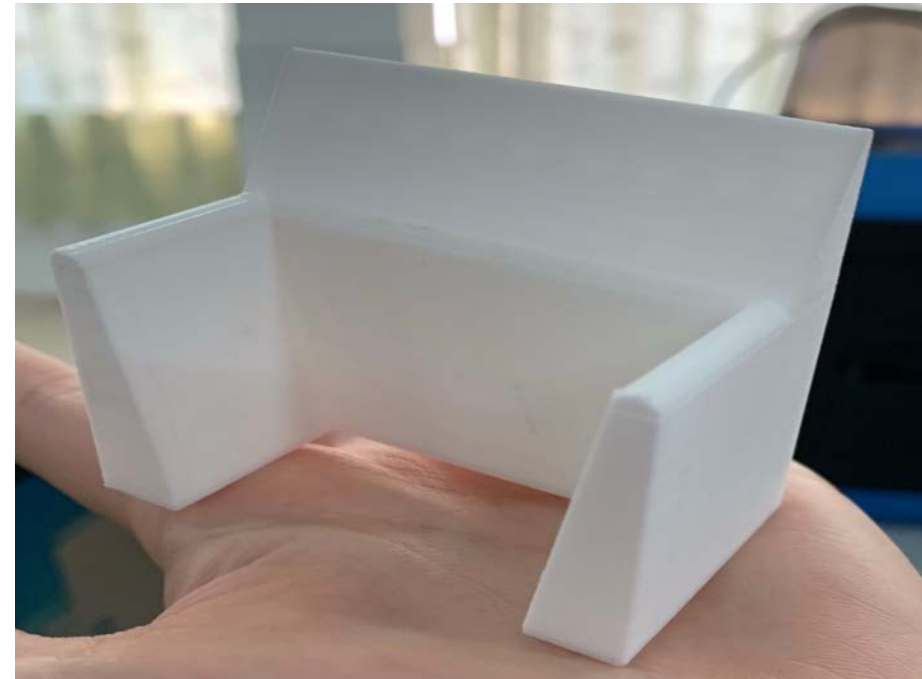
Easy Way Out

SIMPLY
SWITCH
ON THE
LIGHT!



Couch (Charger Guide)

- The **blind** navigate their surroundings with the sense of **touch**
- A device to **guide** the **charger** into the **socket**
- **Smooth sides** is implemented into our design



Problems

- A little too big
- Slanted top guides the charger to a different direction
- No barrier to stop the sliding direction

Barrier

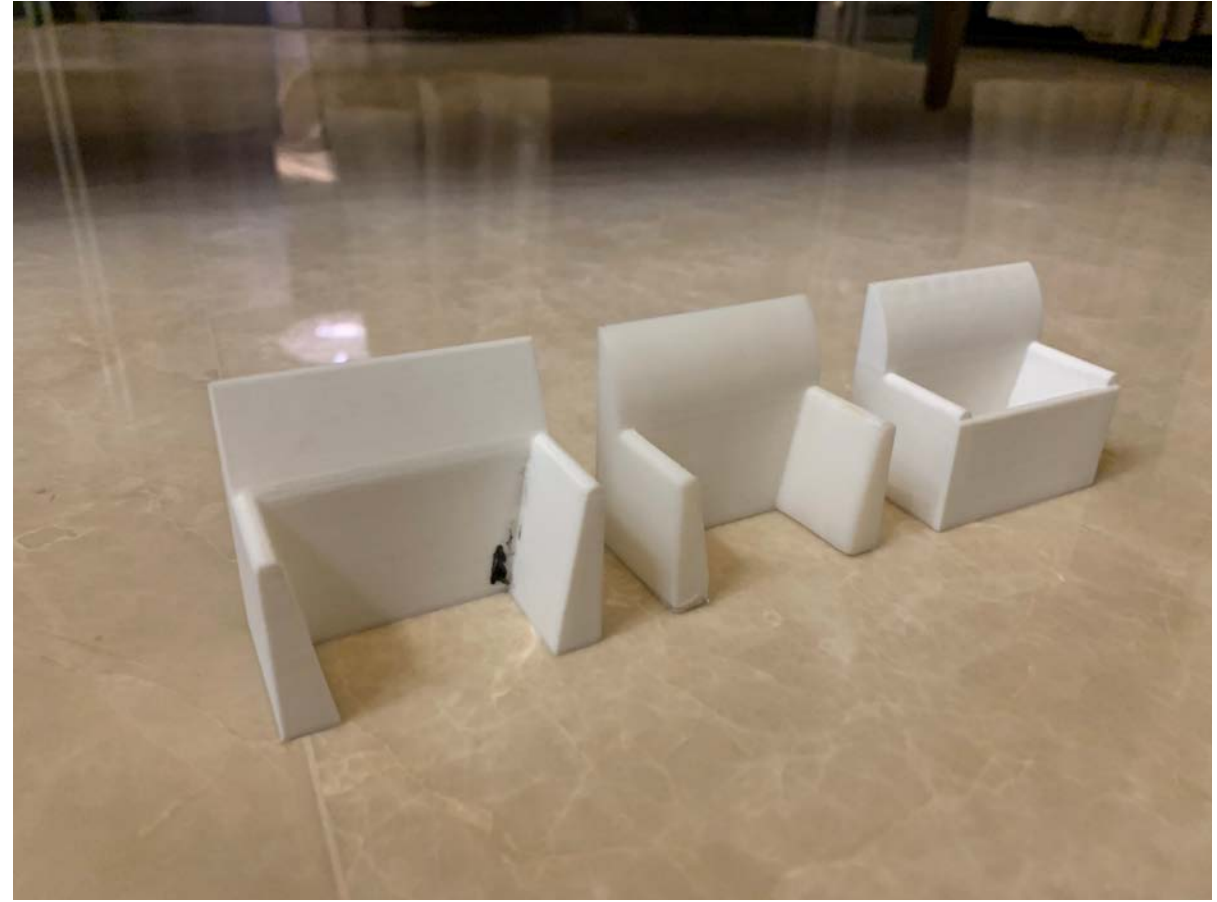
(Charger Guide)



Improvements

- Add a barrier
- More curves

Evolution Of 'Couch-Barrier'



B
BR
YA
N!

Our

B
BR
YA
N!

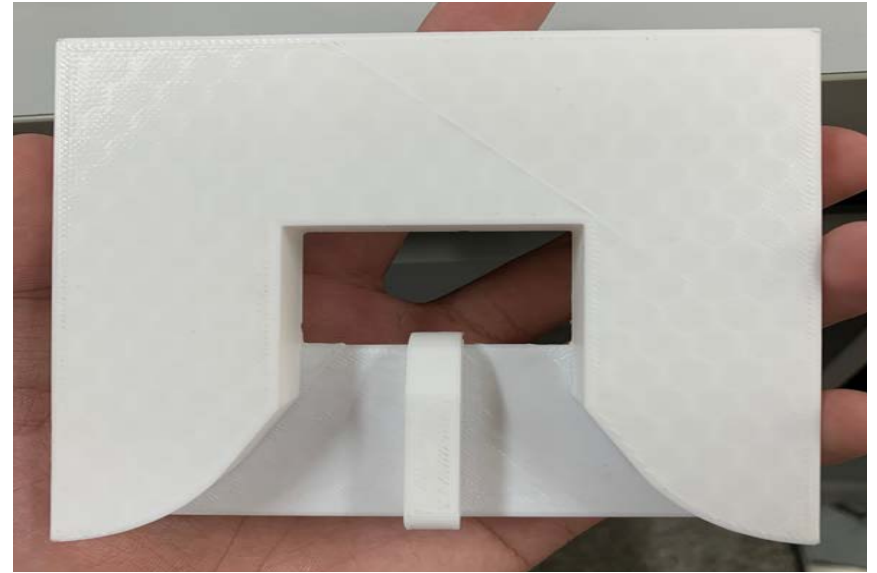
2nd

Creation!

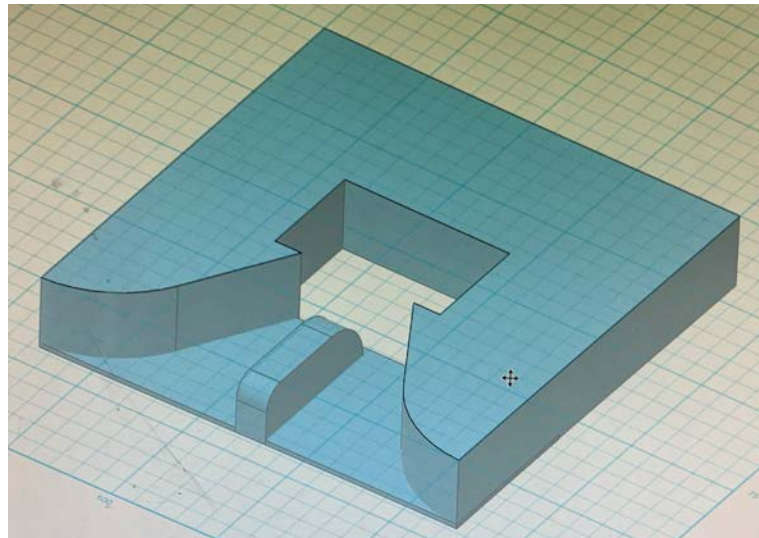
Cover

(Socket Cover Charger Guide)

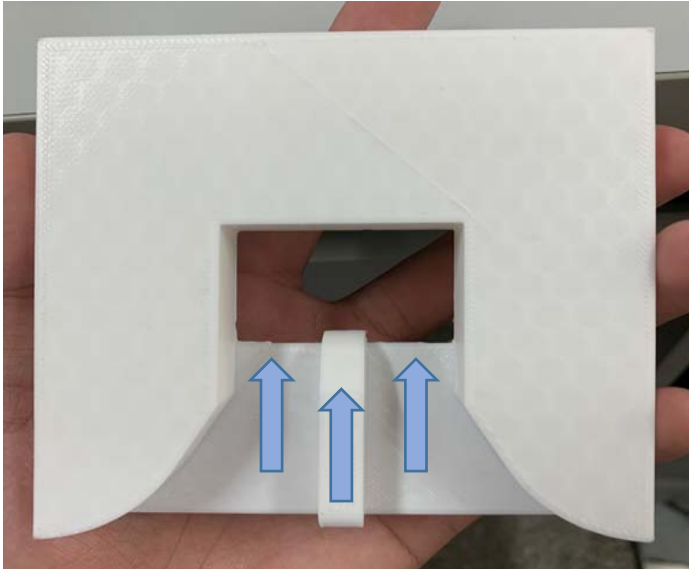
- A slide for **efficiency**
- One direction glide for **accuracy**



- Flat
- Convenient



Cover



How is it used?

Scientific Principal

Guide

Slide

Business Model

Target Audience

- People who use electronics at night



- Blind People



Advantages

- **Convenient**

- The slide is a **guide** that makes it easy to use
- **Satisfying to fit** the charger with the socket
- **Not too big**
- One is **flat** so you can place things such as furniture

- **Very CHEAP:**

Calculations:

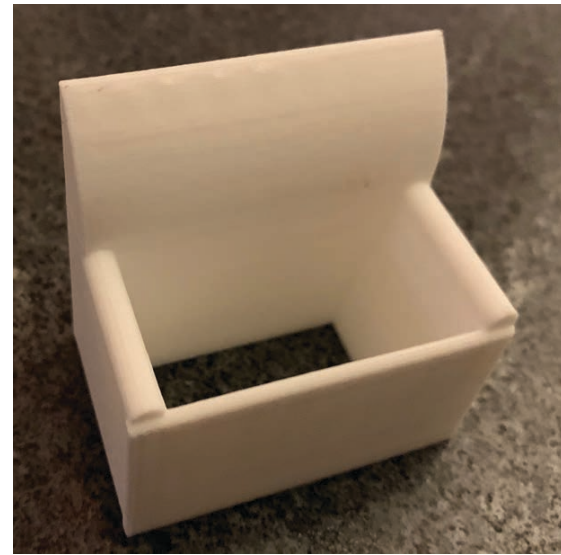
Whole Roll of **Filament**: 21 Yuan

'**Barrier**'=1/7 of Filament

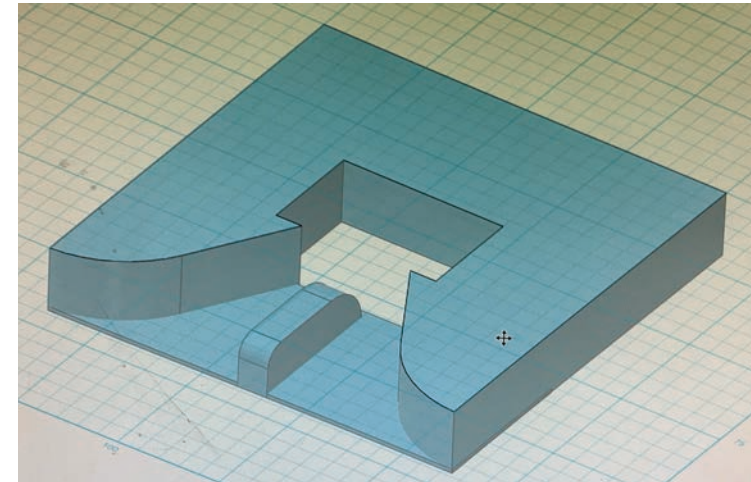
'**Cover**'=1/5 of Filament

Barrier= 21/7

Cover= 21/5



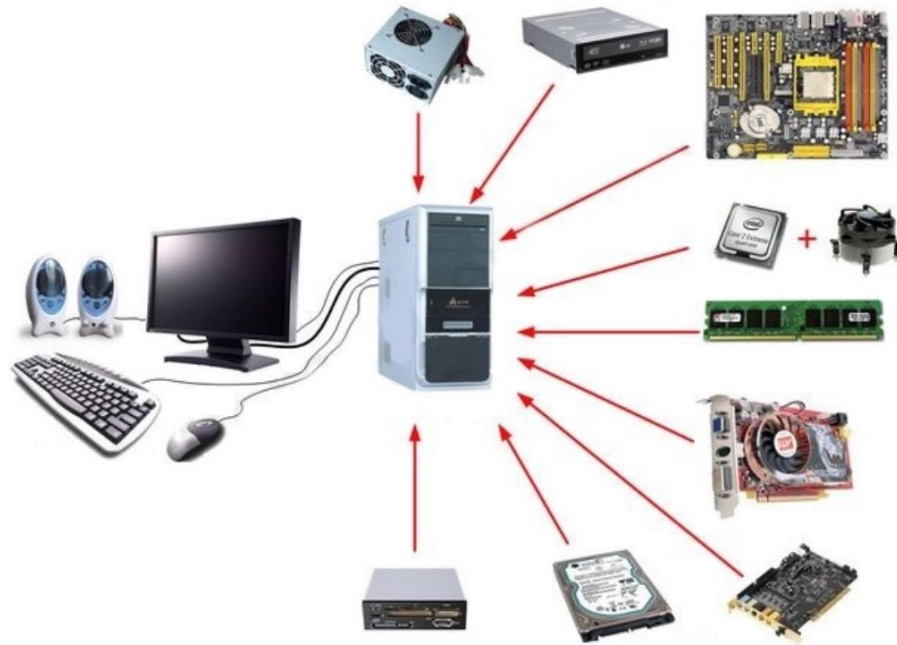
Barrier: \$0.42



Cover: \$0.6

Marketing Strategy

- Sell products at hardware stores



- Sell products at blind stick stores



- Advertise on **social media**
 - Friends & Relatives would give referrals



The slide features a decorative border consisting of several vertical black bars of varying heights on both the left and right sides. The word "Vision" is centered at the top in a large, red, sans-serif font.

Vision

Decrease problem with technology for
the blind and for us!

Close-Up

Demo

CONVENIENCY

MATTERS!

:)