

The **Vinylphile's Nook**

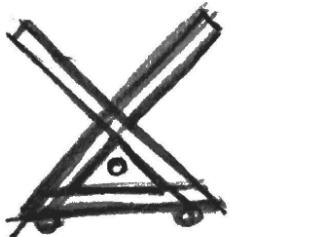
For many vinyl enthusiasts, the current market tends to lack a low-cost, dedicated storage solution that allows for a combination of safe and efficient organization of vinyl records, record player accessories, cable management, and style.

Brian Nguyen

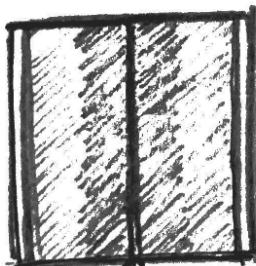
Design Review #2

Original Design from Design Review #1

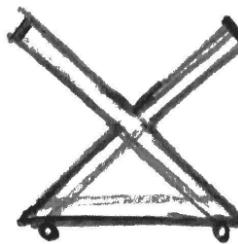
Vinylphile's Nook - Sketch #7
Brian Nguyen



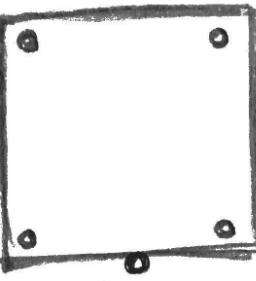
Front Front



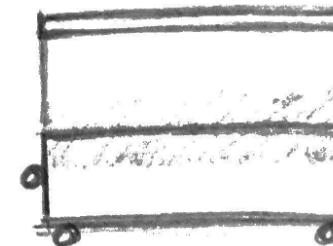
Top Top



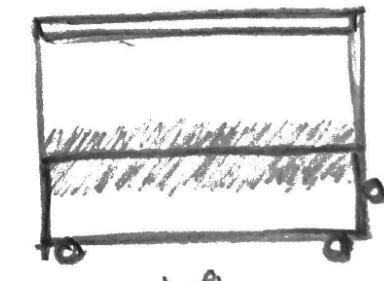
Back Back



Bottom Bottom



Right Right



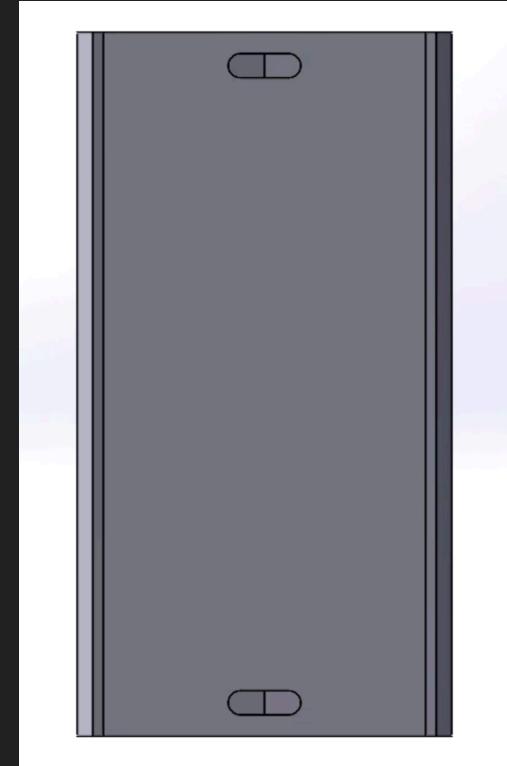
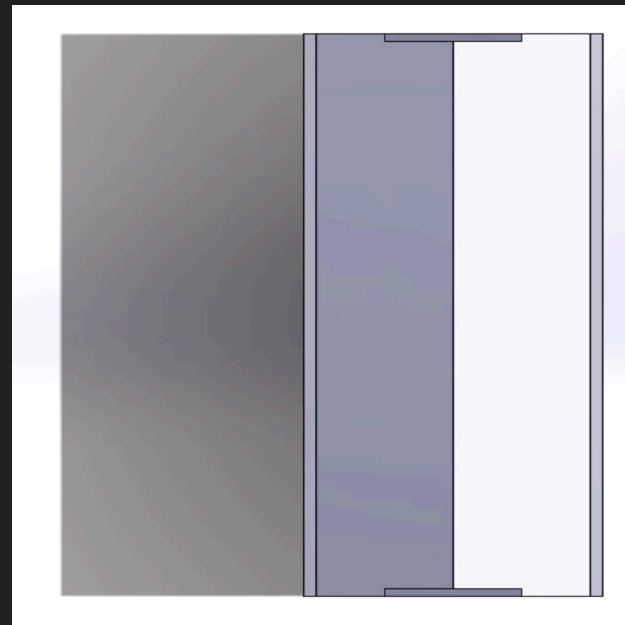
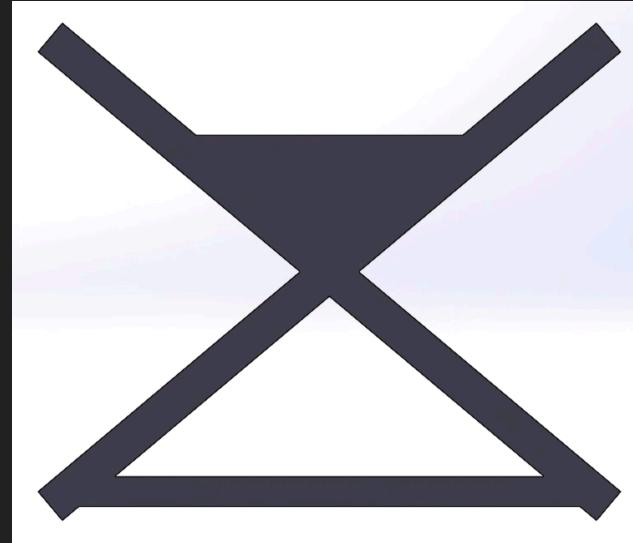
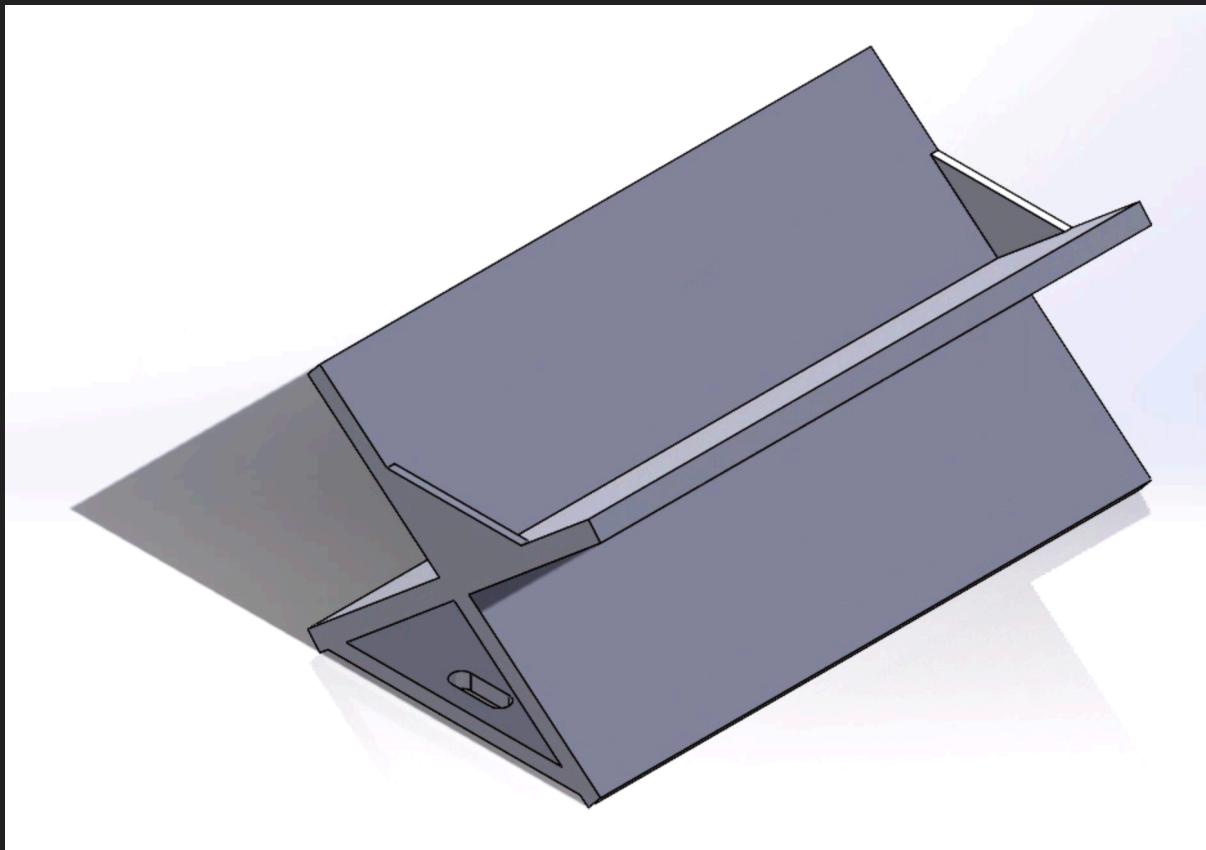
Left Left

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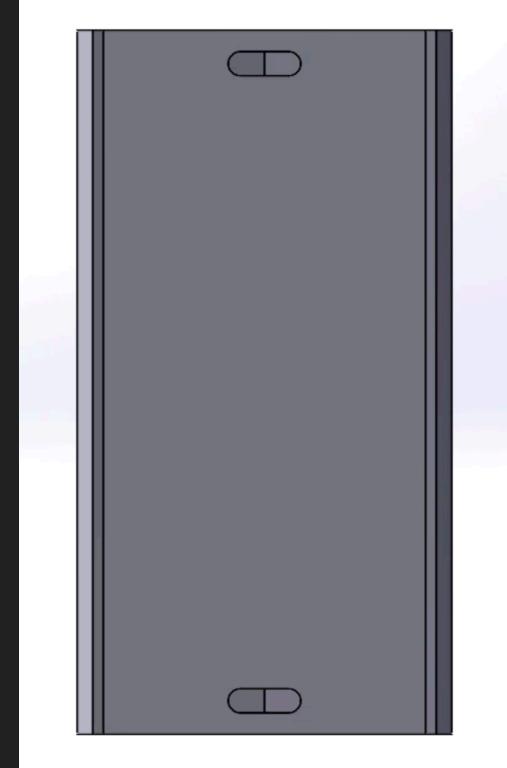
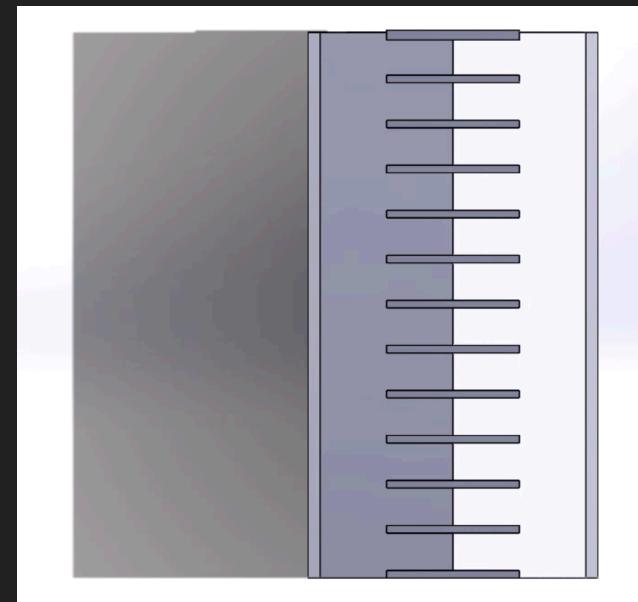
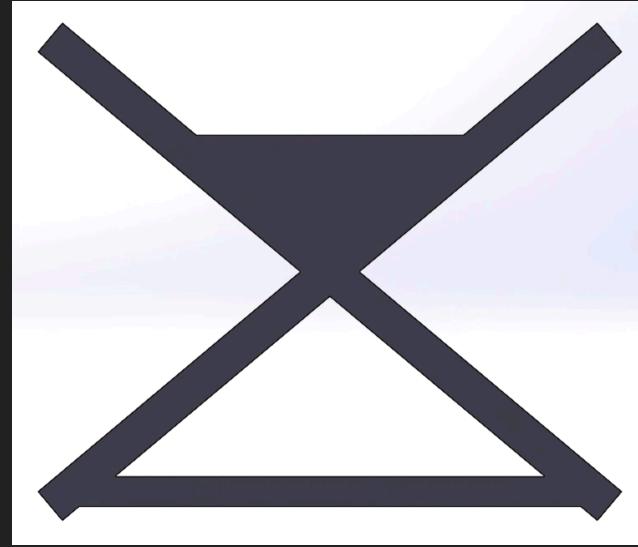
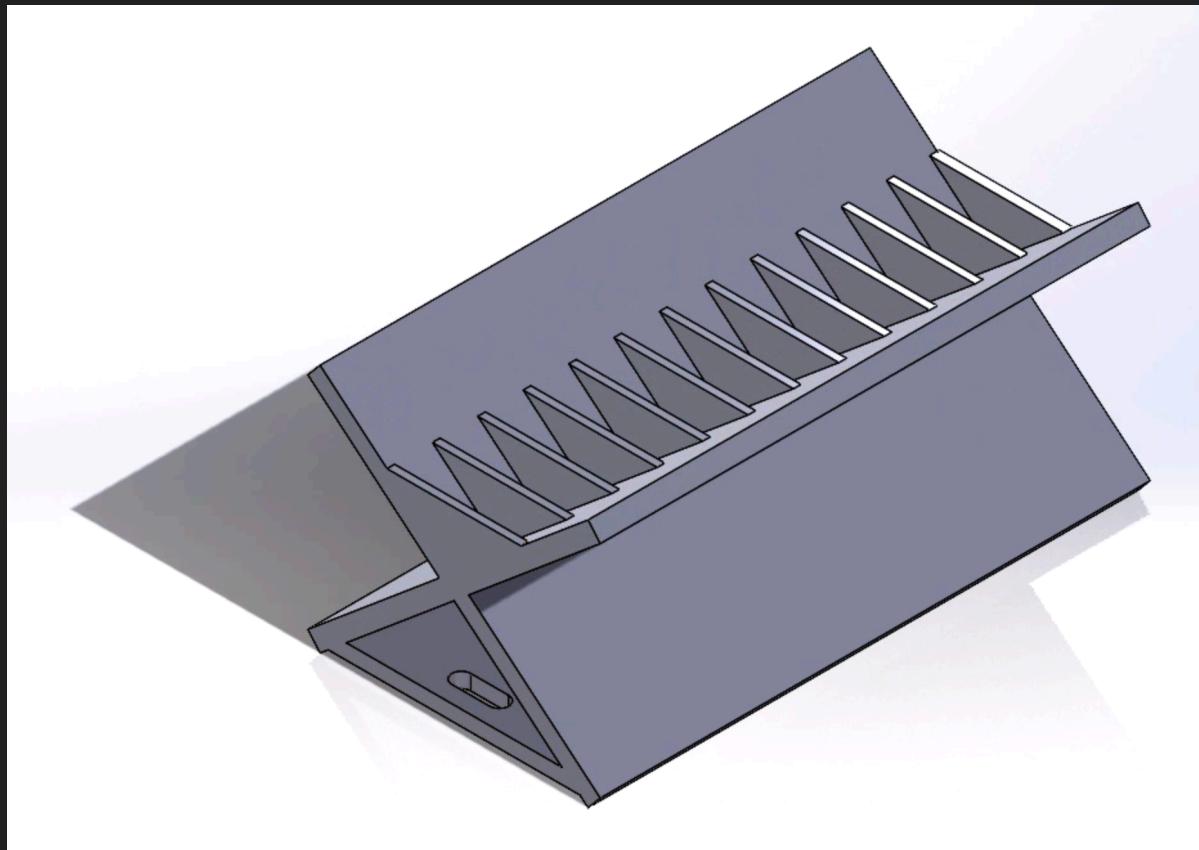
Customer Requirements

- **Protection:** Must be able to protect vinyl records and accessories from damage during storage
- **Storage Capacity:** Able to store between 40-50 vinyl records and various accessories
- **Weight:** Able to support the weight of 40-50 vinyl records and various accessories
 - $(\sim 7\text{oz vinyl record} + \sim 3\text{oz sleeve}) * 50 = 500\text{oz}$
 $= 31.25\text{lbs}$
 - ... + 5lbs accessories = **36.25lbs**
- **Universalizability:** Able to store vinyl records of various sizes safely and efficiently
- **Movability:** Able to be moved easily by the consumer
- **Materials:** Wood and metal due to commonality of materials and complements aesthetics of most record players
- **Durability:** Must be able to last VERY long under constant usage
- **Customizability:** Able to be customized easily by the consumer (with paint, malleable, etc.) with options to utilize some or all of the product's parts (with/without drawer, etc.)
- **Aesthetics:** Aesthetically pleasing as both a centerpiece and side piece (as opposed to using a milk crate, etc.)
- **Cost:** Competitive with other organization/storage solutions; Can be 3D-printed by the consumer

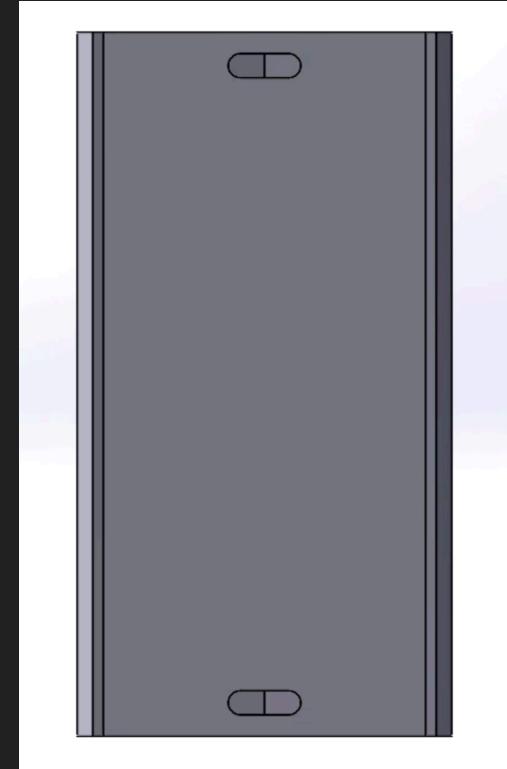
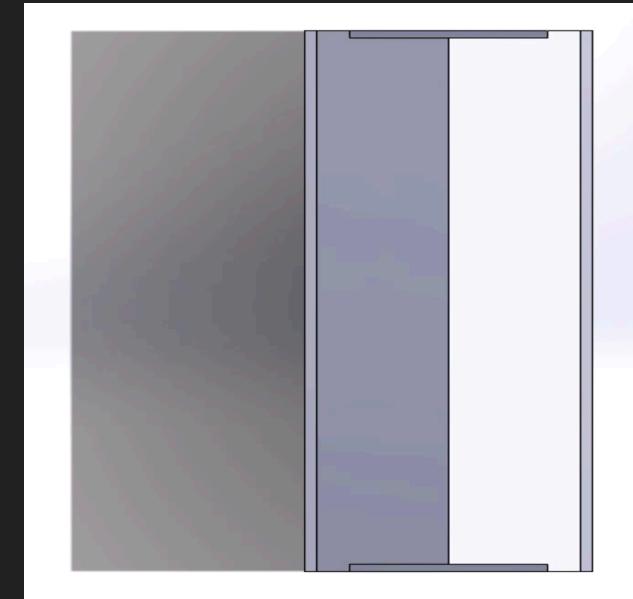
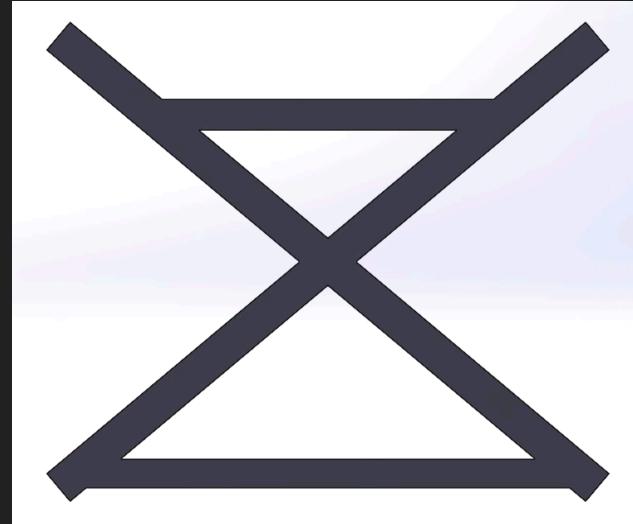
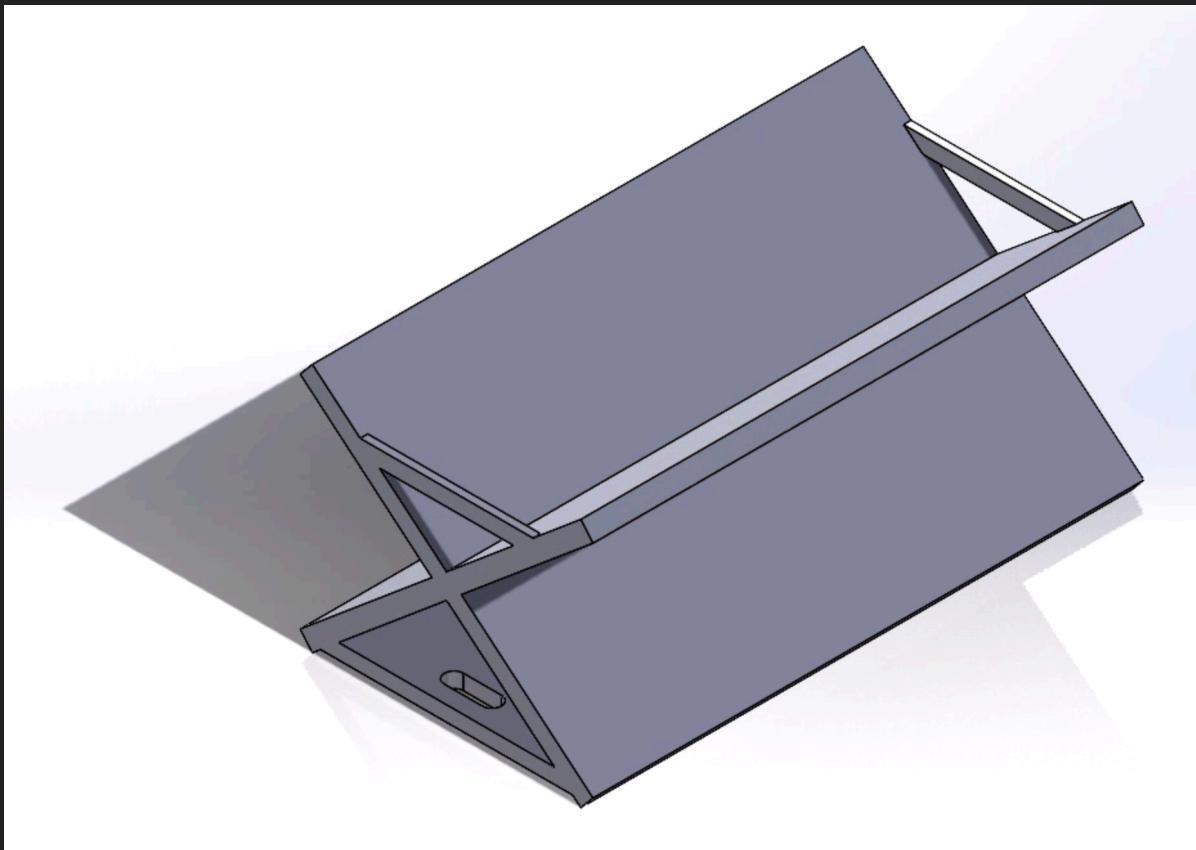
Variant #1



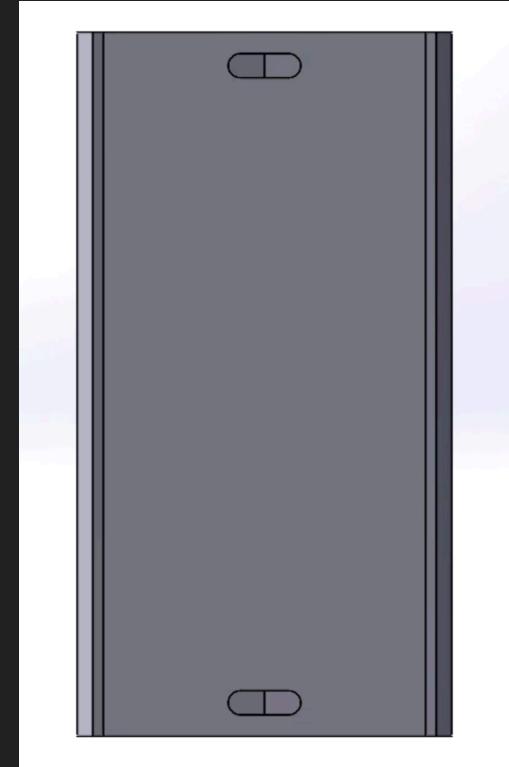
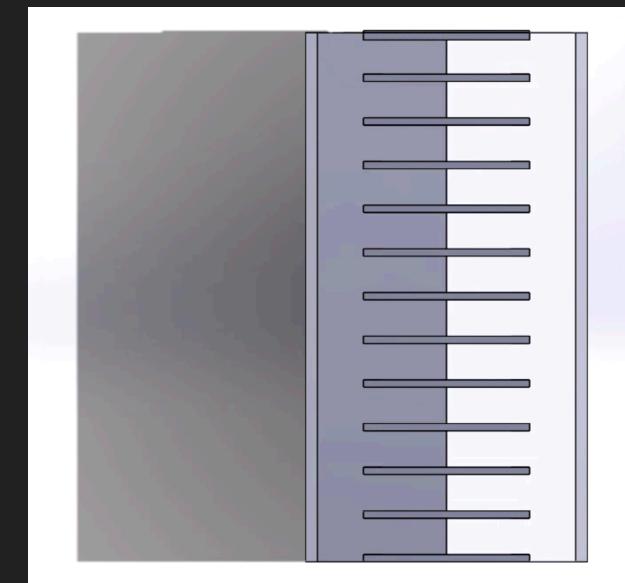
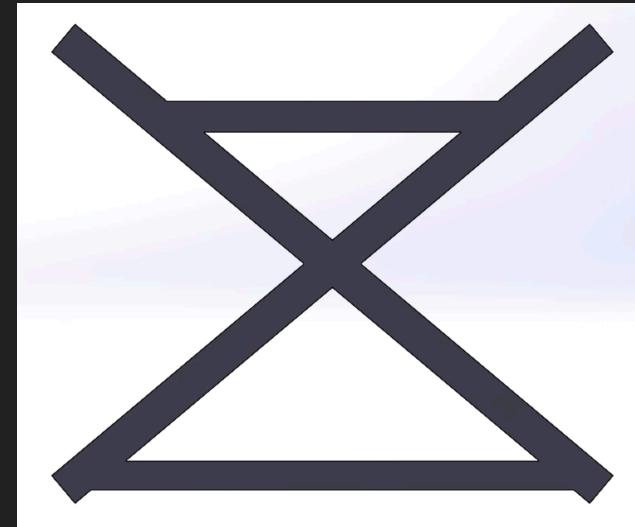
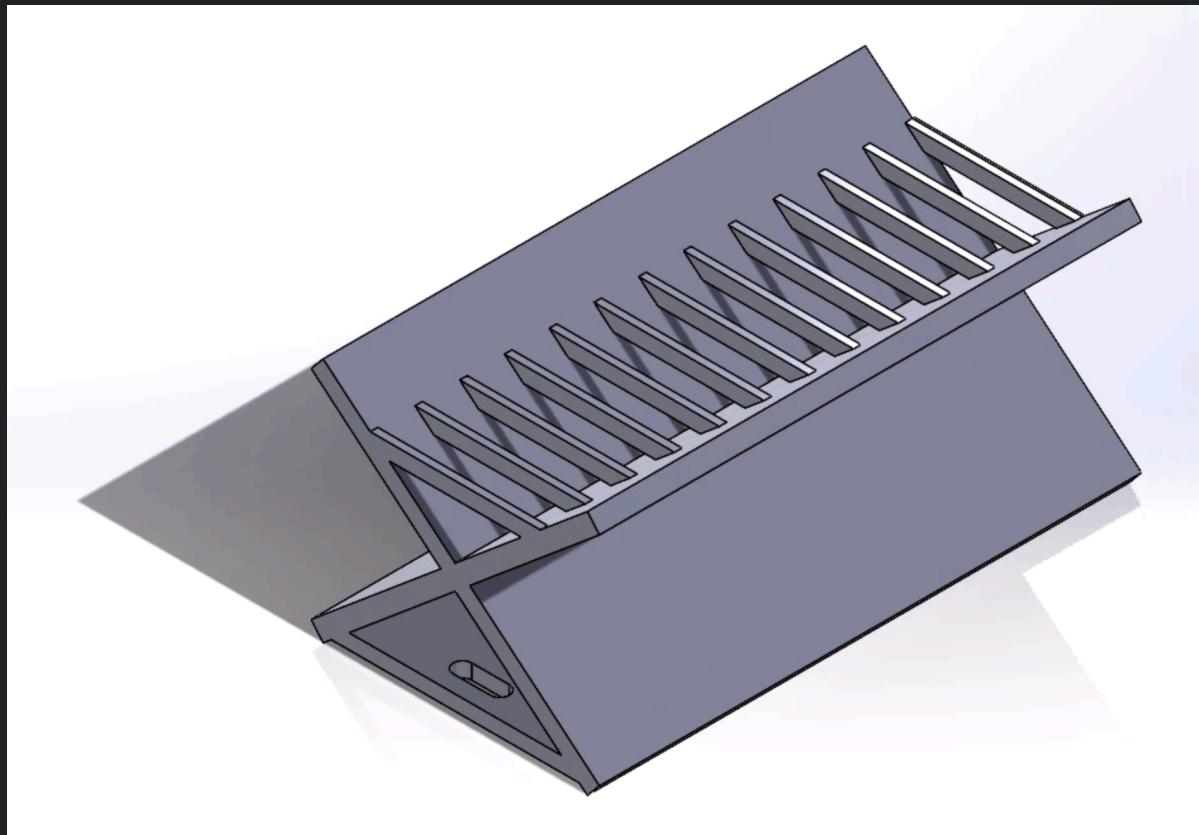
Variant #2



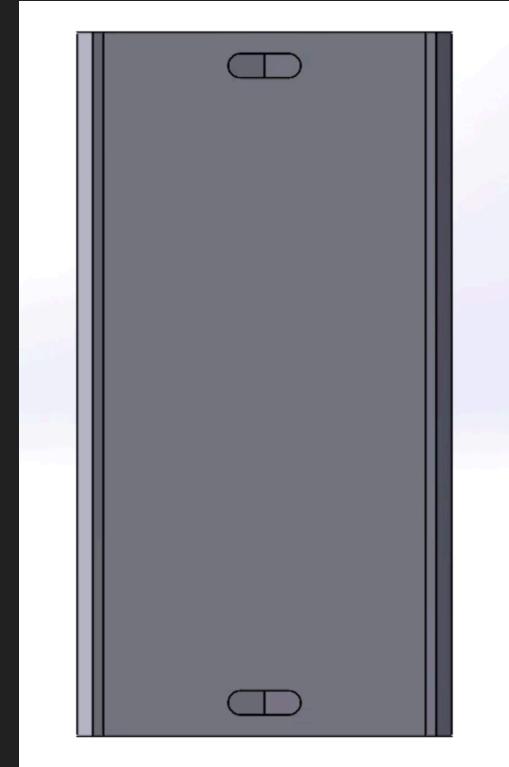
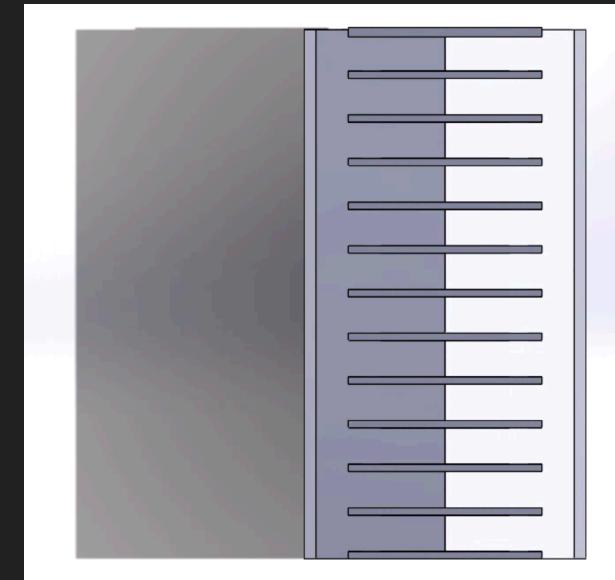
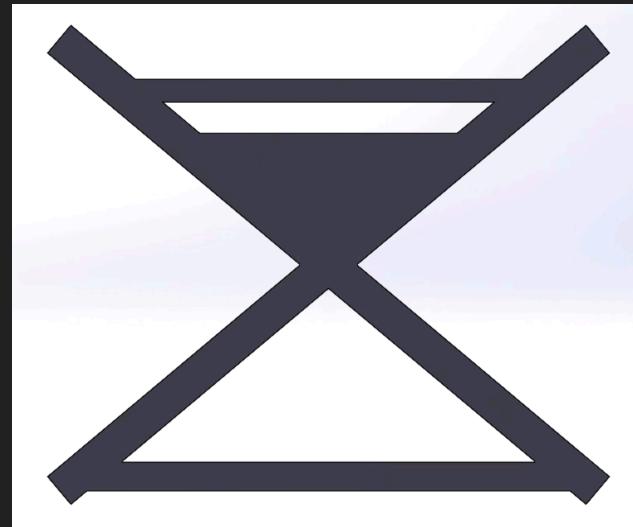
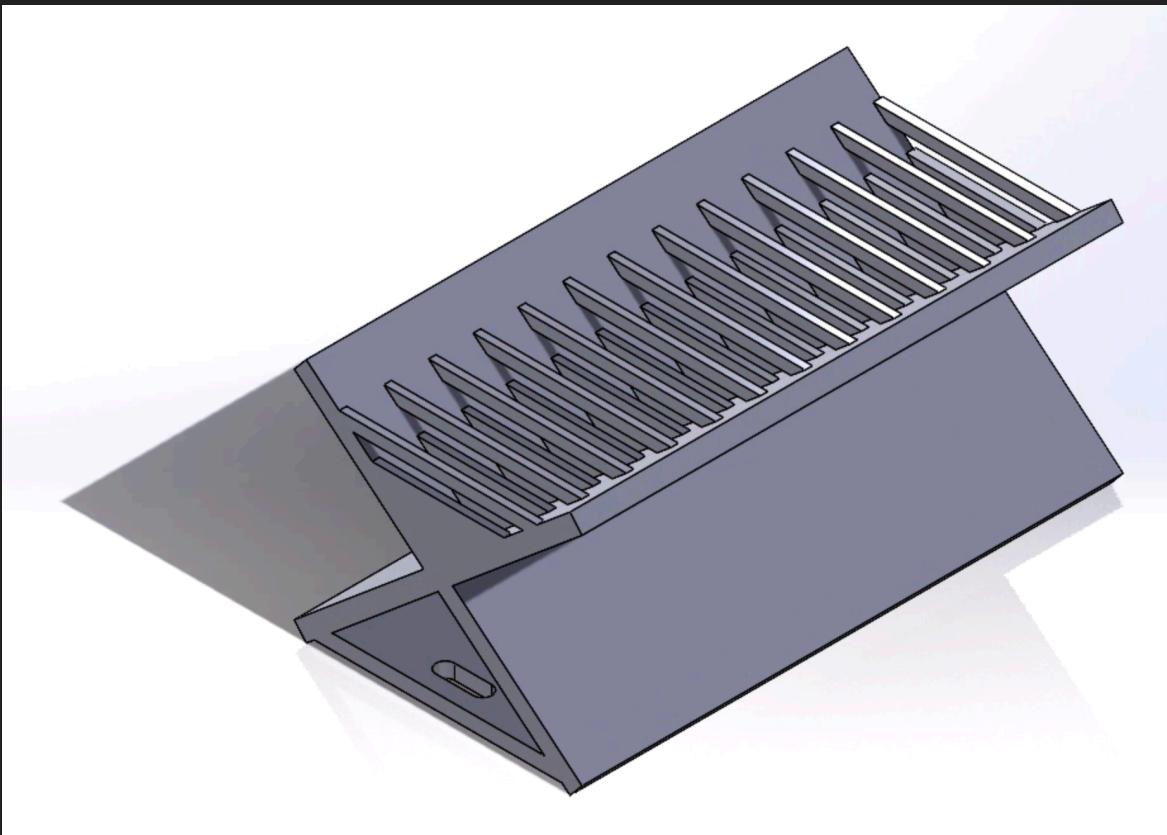
Variant #3



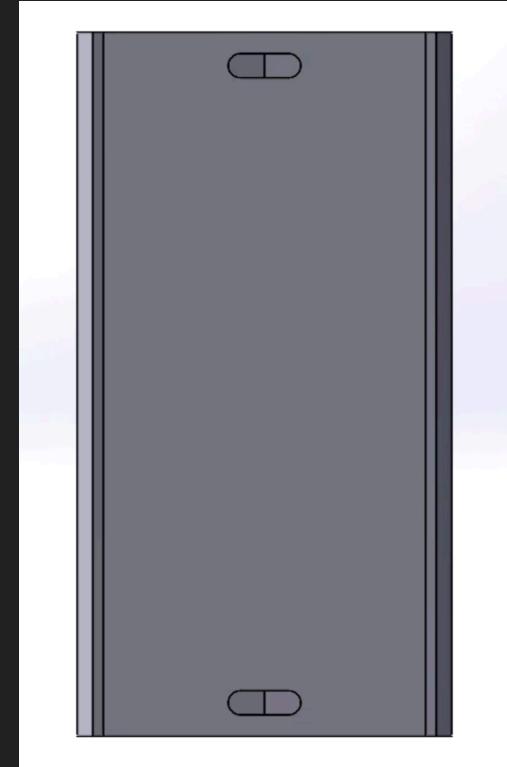
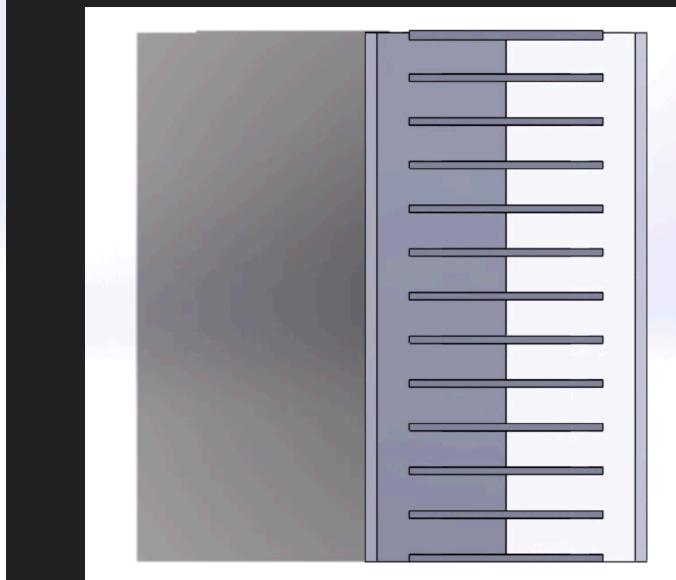
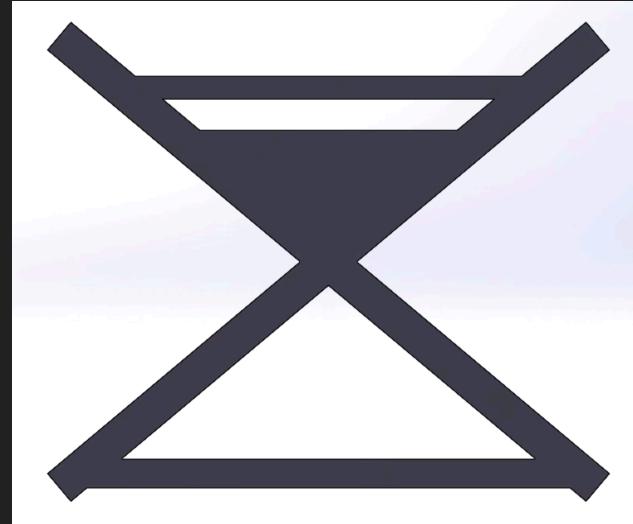
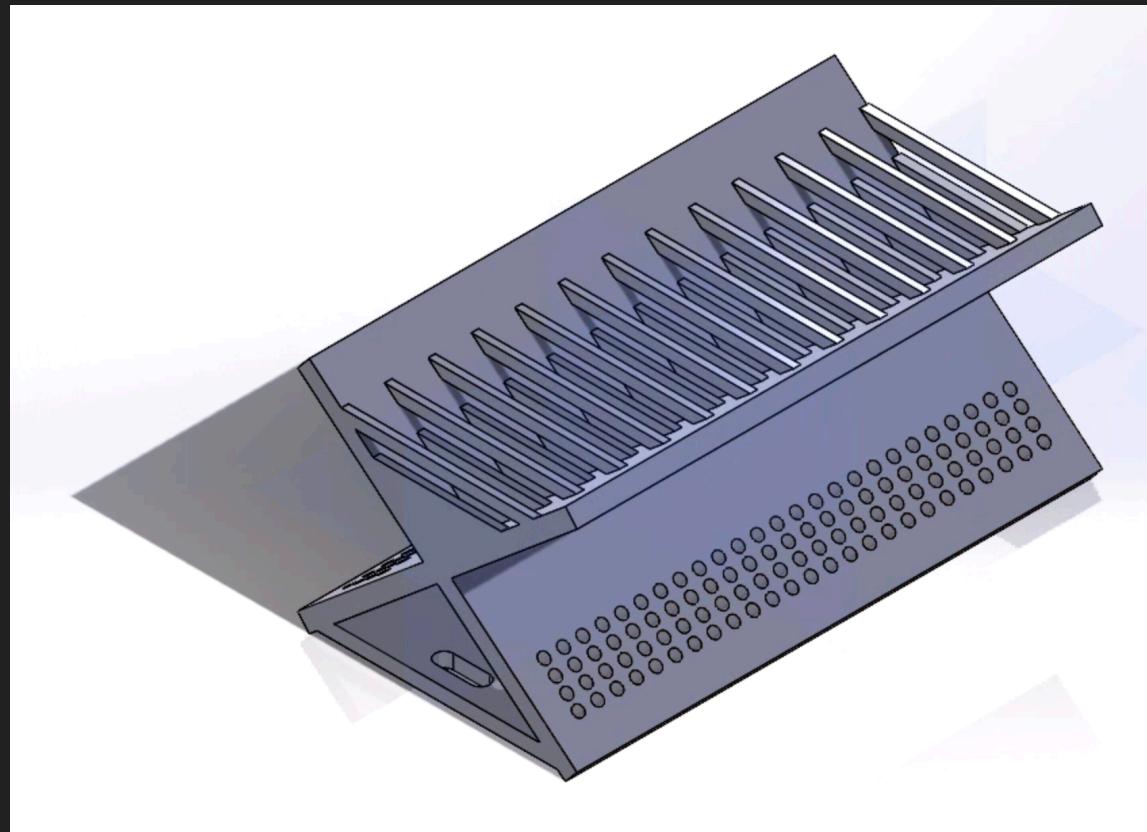
Variant #4



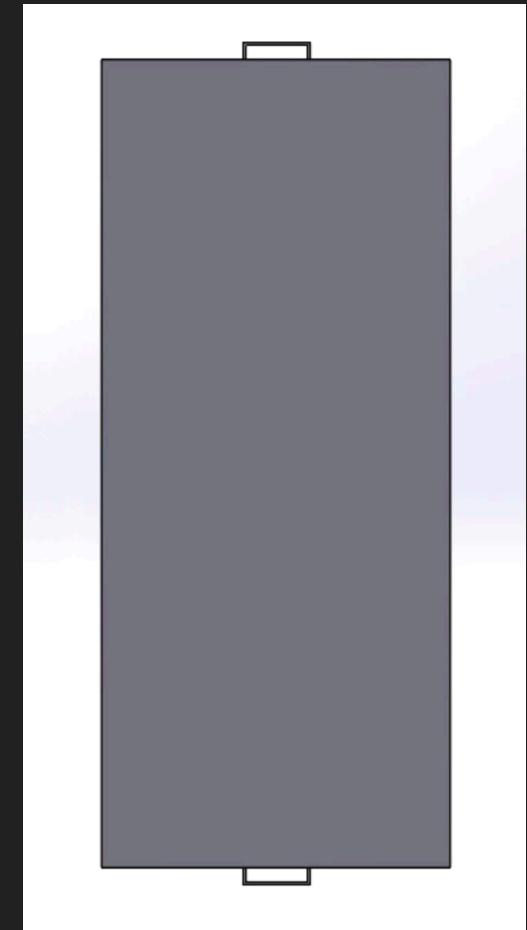
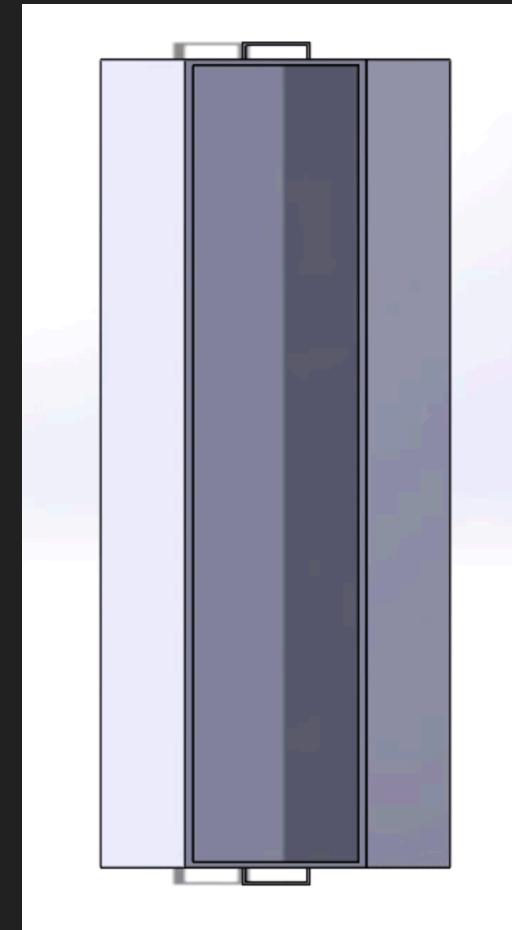
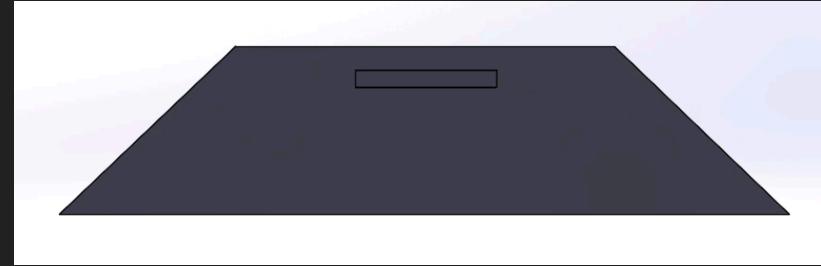
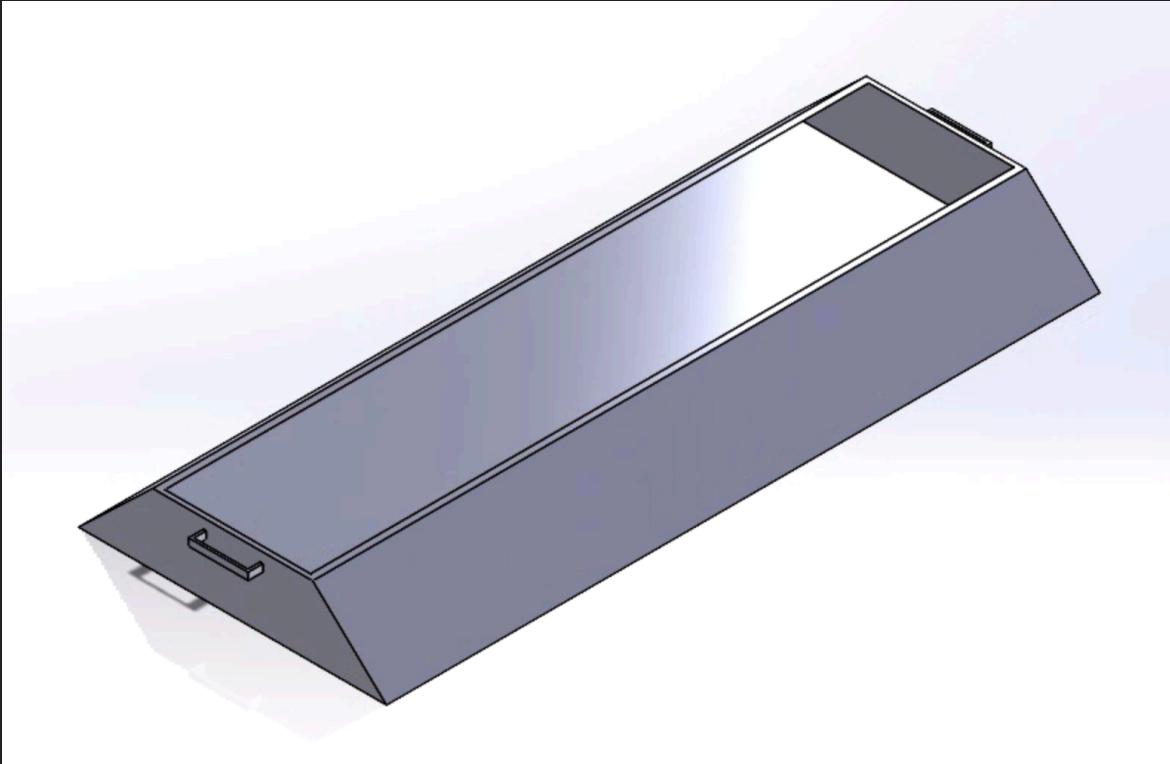
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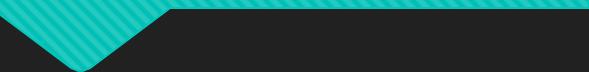
Variant #6



Variant #7



The
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Brian Nguyen
Design Review #2