

The Extend-a-Stick

The Design Problem

Provide muscular dystrophy patients with a portable and discreet device to assist with sit-to-stand movements

Our Solution

An extendable walking stick that lifts a seated user to standing position at the flip of a switch



1

Cushioned Handle

- Comfortable
- Ergonomic
- Supports full bodyweight

2

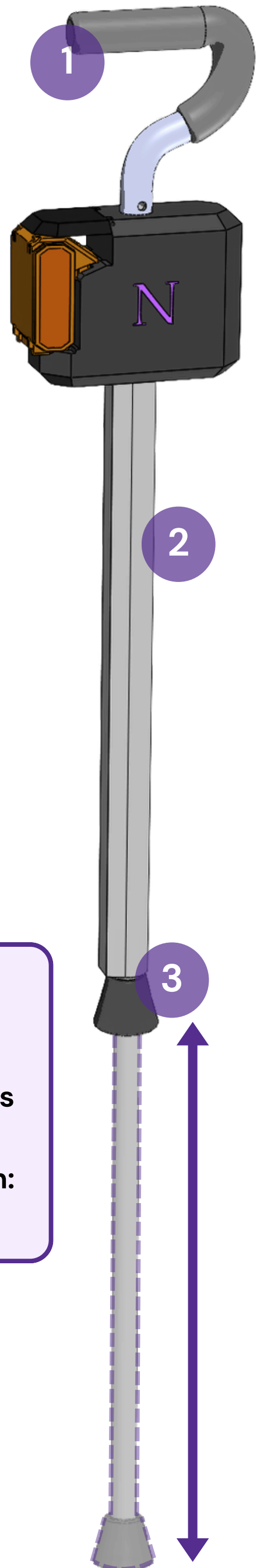
Electric Piston

- 400 extensions per charge
- 3-mode switch: Up; Off; Down

3

Rubber Bases

- Exchangeable
- Reduces slipping
- Improves stability



How to Use

1. Attach rechargeable battery
2. Shift forward to edge of seat
3. Lean bodyweight on handle
4. Flip switch up
5. Extend until standing!