

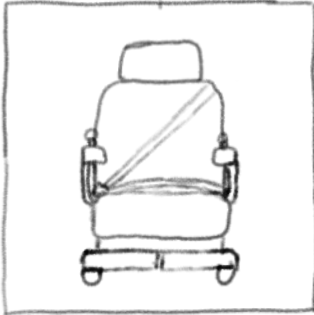
# Final Project Concept Sketch

Sunday, June 13, 2021 10:26 PM

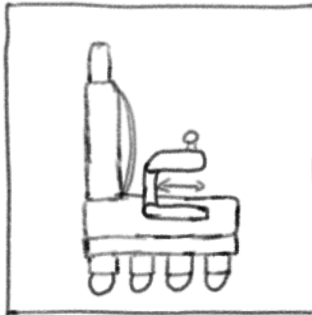
## ATAC: All-Terrain Arachnid Chair\*

- Multi-legged chair for extended mobility of wheel-chair bound persons
- Converts from standard power chair to legged chair

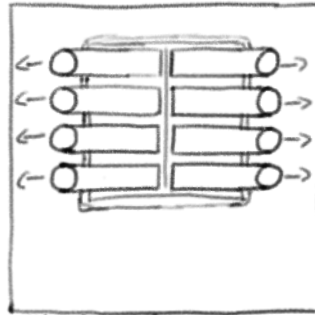
\*Working title



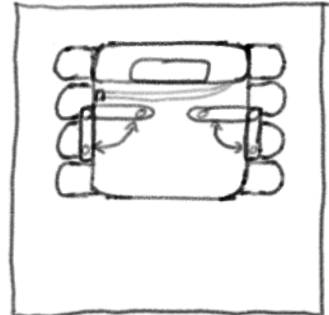
Front, Legs In



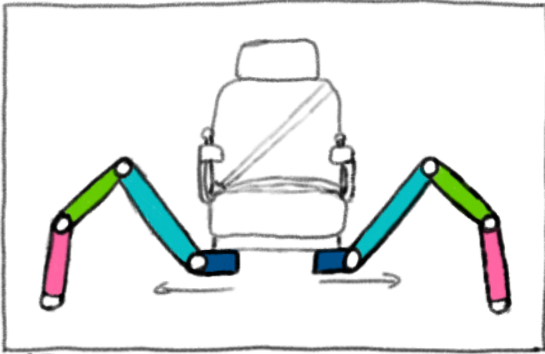
Left, Legs In



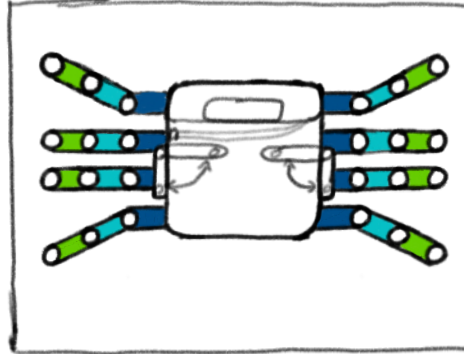
Underside, Legs In



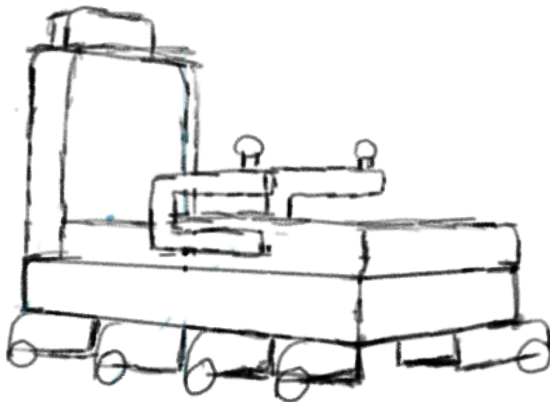
Top, Legs In



Front, Legs Out



Top, Legs Out



### Parts List

#### Chair

- 1 headrest
- 1 back rest
- 1 bottom rest
- 1 seat belt
- 2 swiveling armrests
- o 2 joysticks
- 1 base (under bottom seat)
- 8 legs
- 12 segments total
- 12 joints
- 8 locking ball wheels
- 1 foot rest