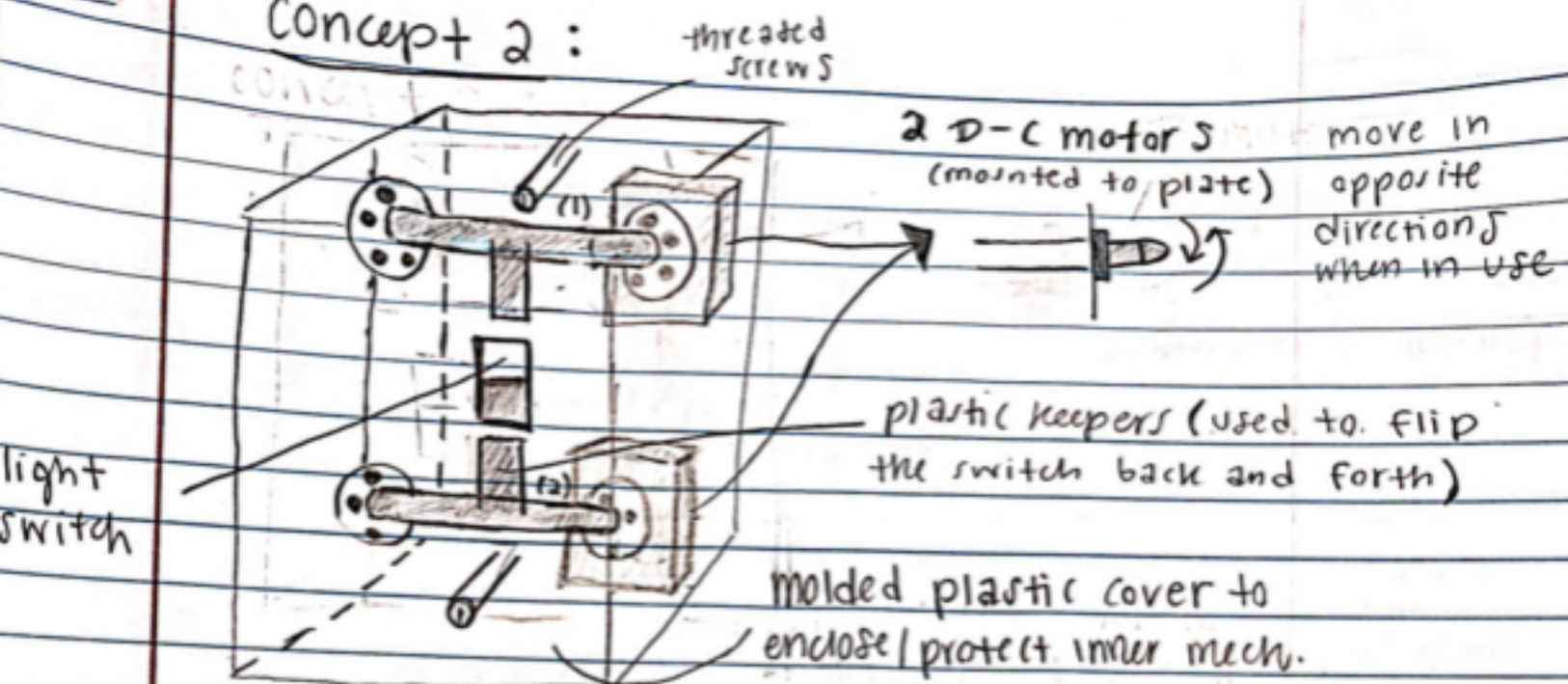


Concept 2 :



remote control (triggers both motors at one time, moving opp. to one another)

$$T = T_1 + T_2 = I_1 a_1 \sin \theta + I_2 a_2 \sin \theta$$

$$= .1 A (.007 \text{ m})^2 \sin(90^\circ) + .1 A (.007 \text{ m})^2 \sin(90^\circ)$$

$$T = 9.8 \times 10^{-6} \text{ N-m}$$