

## **Automatic Light Bulb Switching Machine:**

Start: Machine must start with two unlit light bulbs in separate light sockets.

Step One: Light bulbs turned on.

Step Two: Light bulbs must be turned off, then unscrewed, and repositioned (screwed into) the opposite sockets.

Step Three: The both light bulbs must be turned back on.

- Must use standard 60 watt incandesce light bulb (can be a rough use bulb)
- Machine must be no larger than 2'x2' (no limit on height).
- Machine must function with one flip of the switch.
- Must include appropriate safety interlocks.
- Must include working CAD drawings.
- Must include operator's manual.