

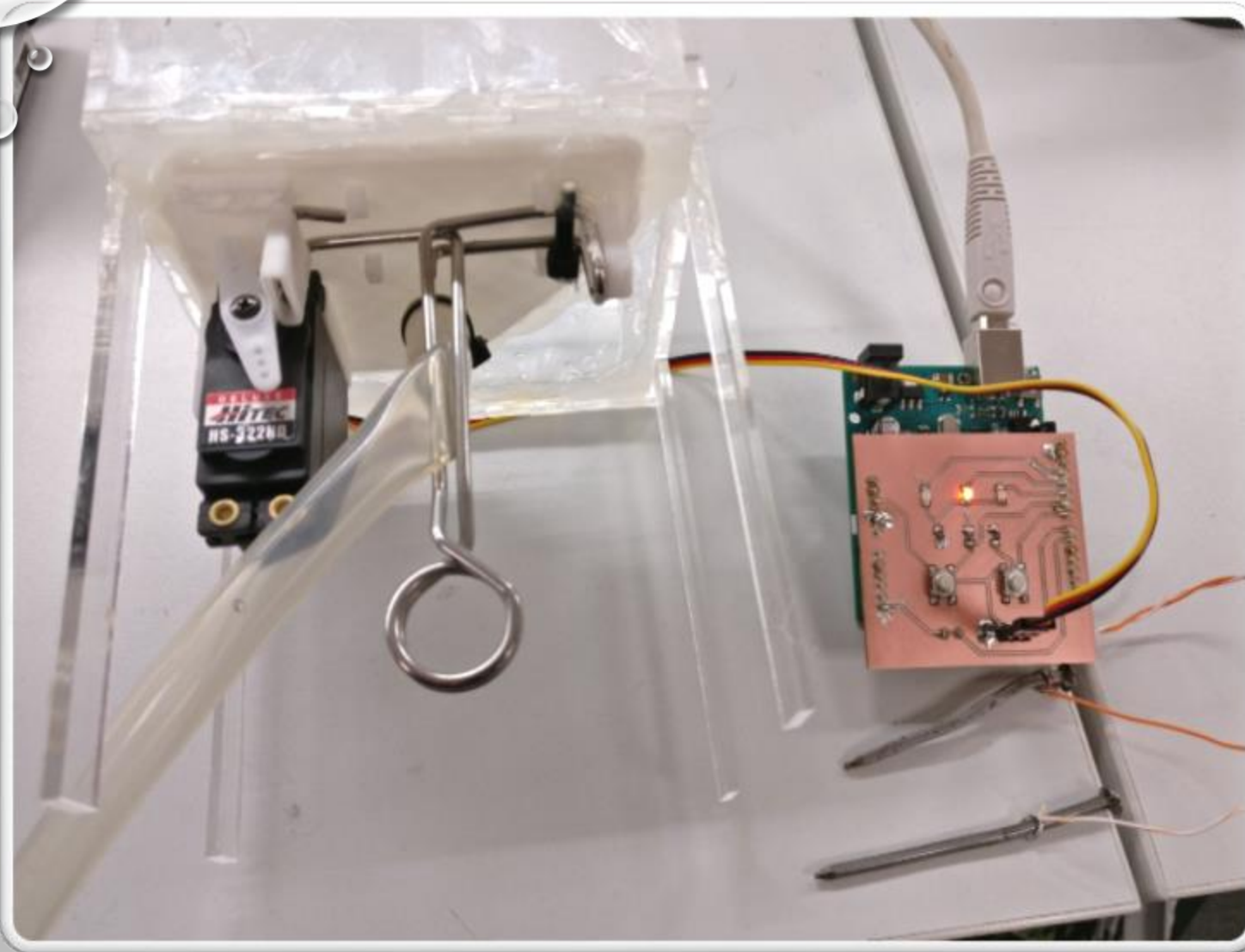
The background is a light gray gradient. It is decorated with several realistic water droplets of various sizes, some with highlights and shadows, giving them a 3D appearance. In the upper center, there is a faint, concentric circular pattern that looks like a ripple in water.

# SOIL-O-MOISTURIZER 9000

OTSO VUORIALHO

JAAKKO OHRANKÄMMEN

SAMI-PEETER LAITINEN



## PURPOSE

- AUTOMATIC PLANT WATERING SYSTEM
- MEASUREMENT BASED WATERING
- DOESN'T REQUIRE HUMAN ATTENDANCE
- REMOVES POSSIBILITY OF HUMAN ERROR (DROWNING)



# PROBLEMS

- SOLDERING
- SHIELD DESIGN
- WATER TIGHTNESS
  - HOT GLUE AS SEALANT WITH LASER CUT ACRYLIC
  - 3D-PRINTED PLA

