

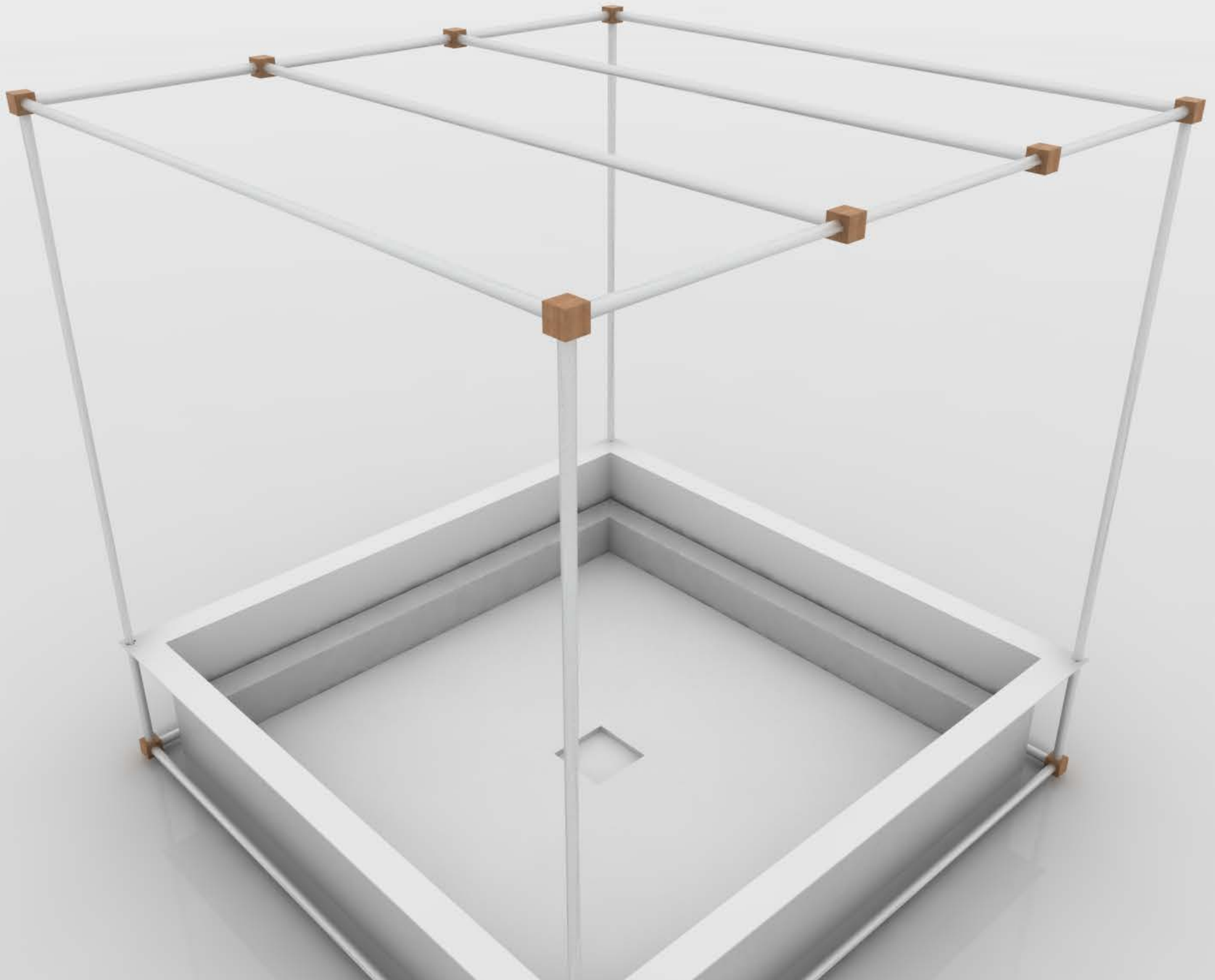


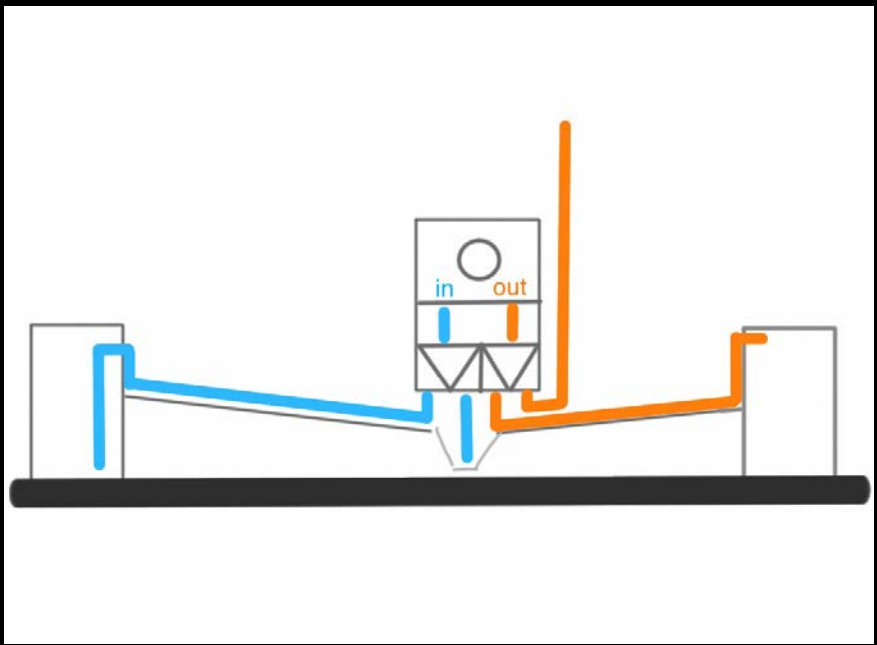
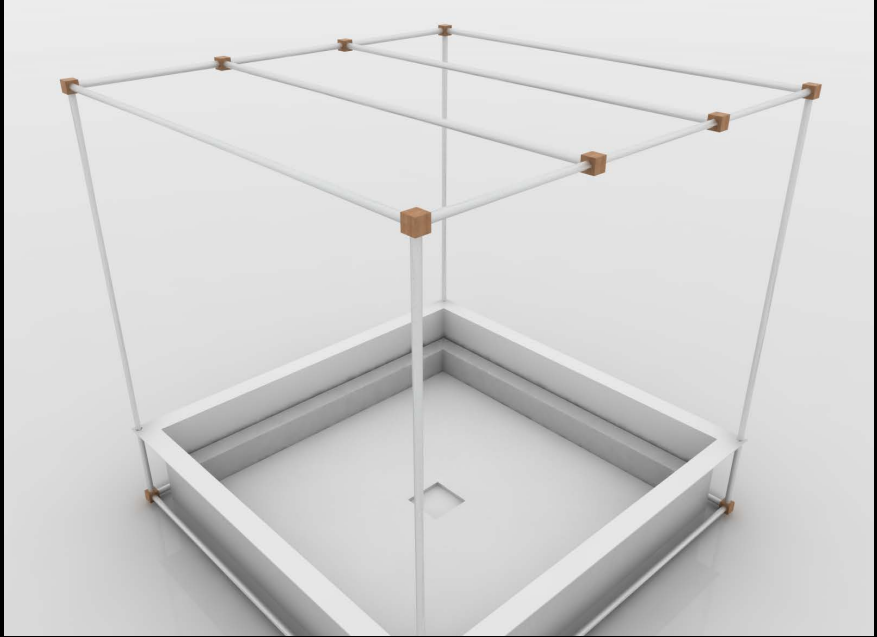
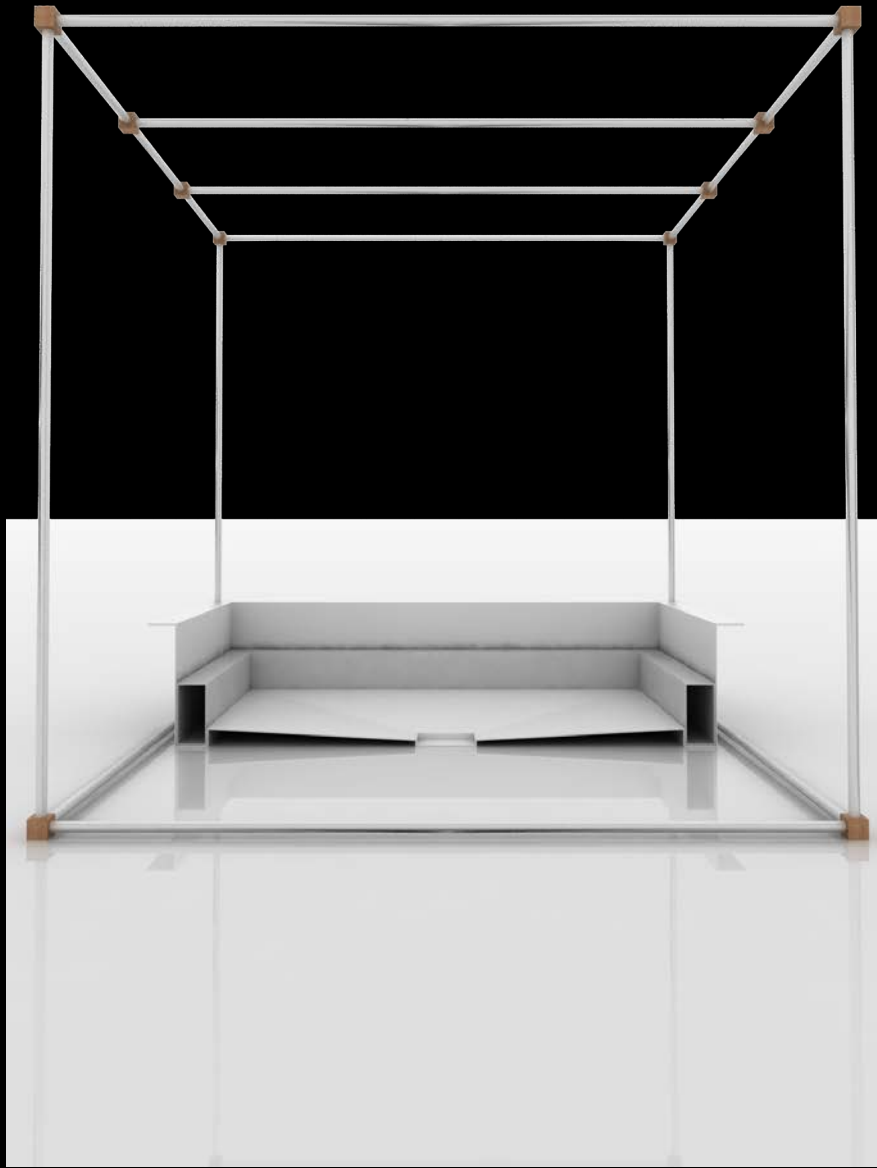
Robotic Ecosystems

plants & machines







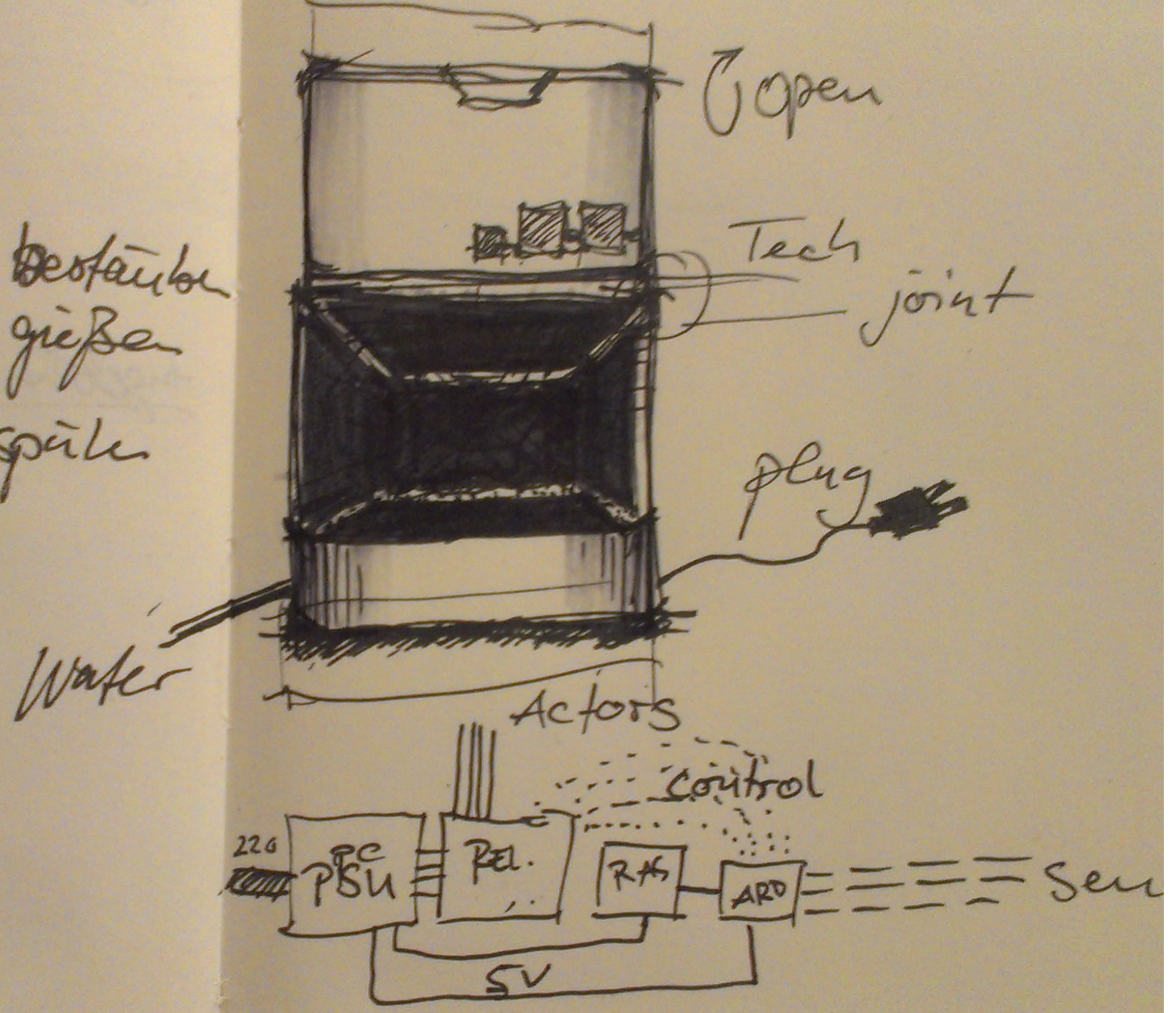


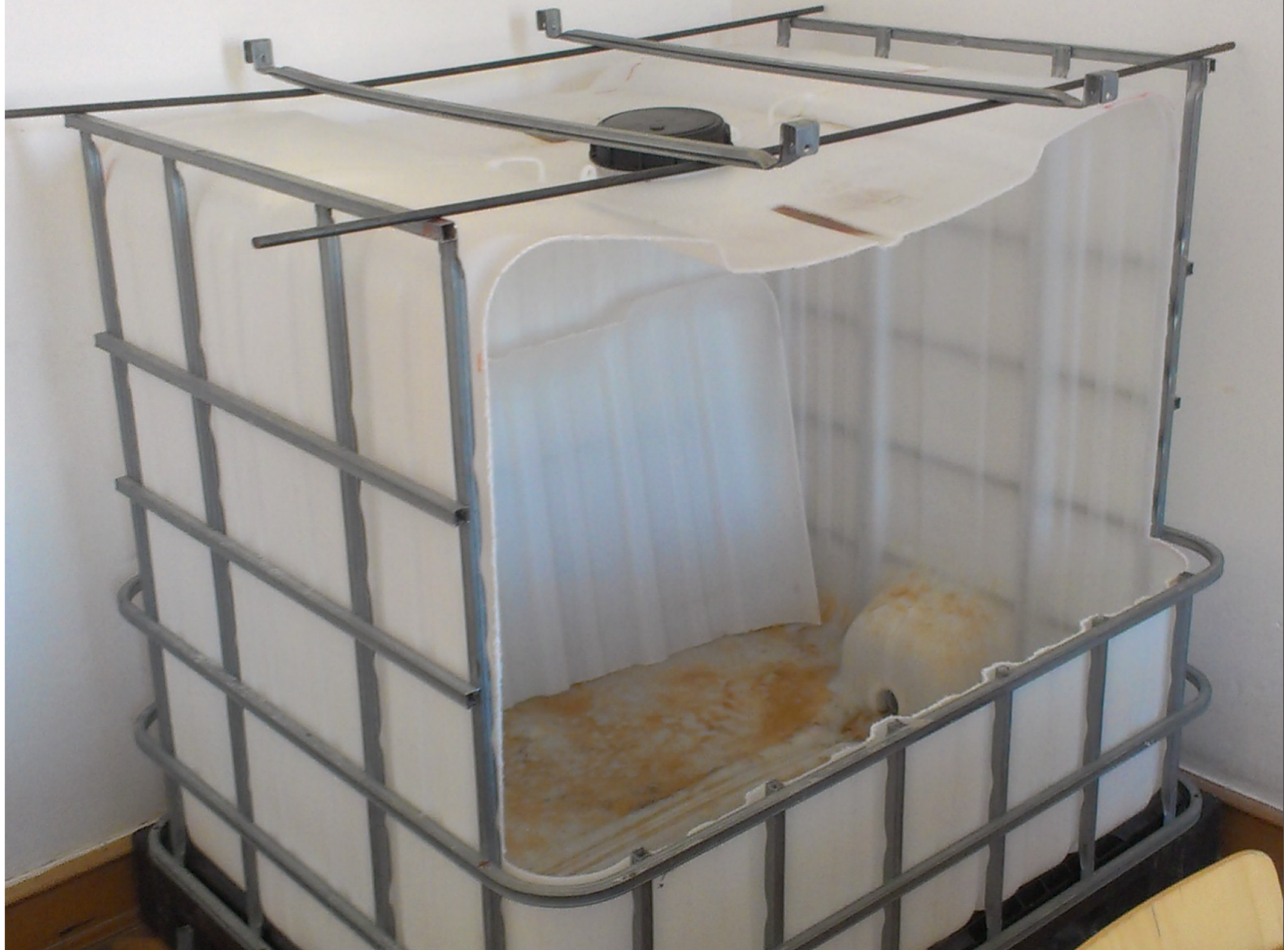




ues
b

b → bestanden
g → größer
s → spülen







NEUDELI
THE NEW
BRIGHTER AGE
HIP HOP REVOLUTION
REAR WHEELS ON ROAD RACE

PARTS



ARTEN STEHT EINE KLEINE
PFLANZE AN DER SICH
BEWEGT WERDEN DARF
DAS NICHT ALLES AUF EINMAL
VERSTANDEN WERDEN. ANGELEGT



in Deiner Umgebung!

WEITER

AHLEN TREUEPUNKTE

nd
n bes



Lux TOOLS

IH 2000-12

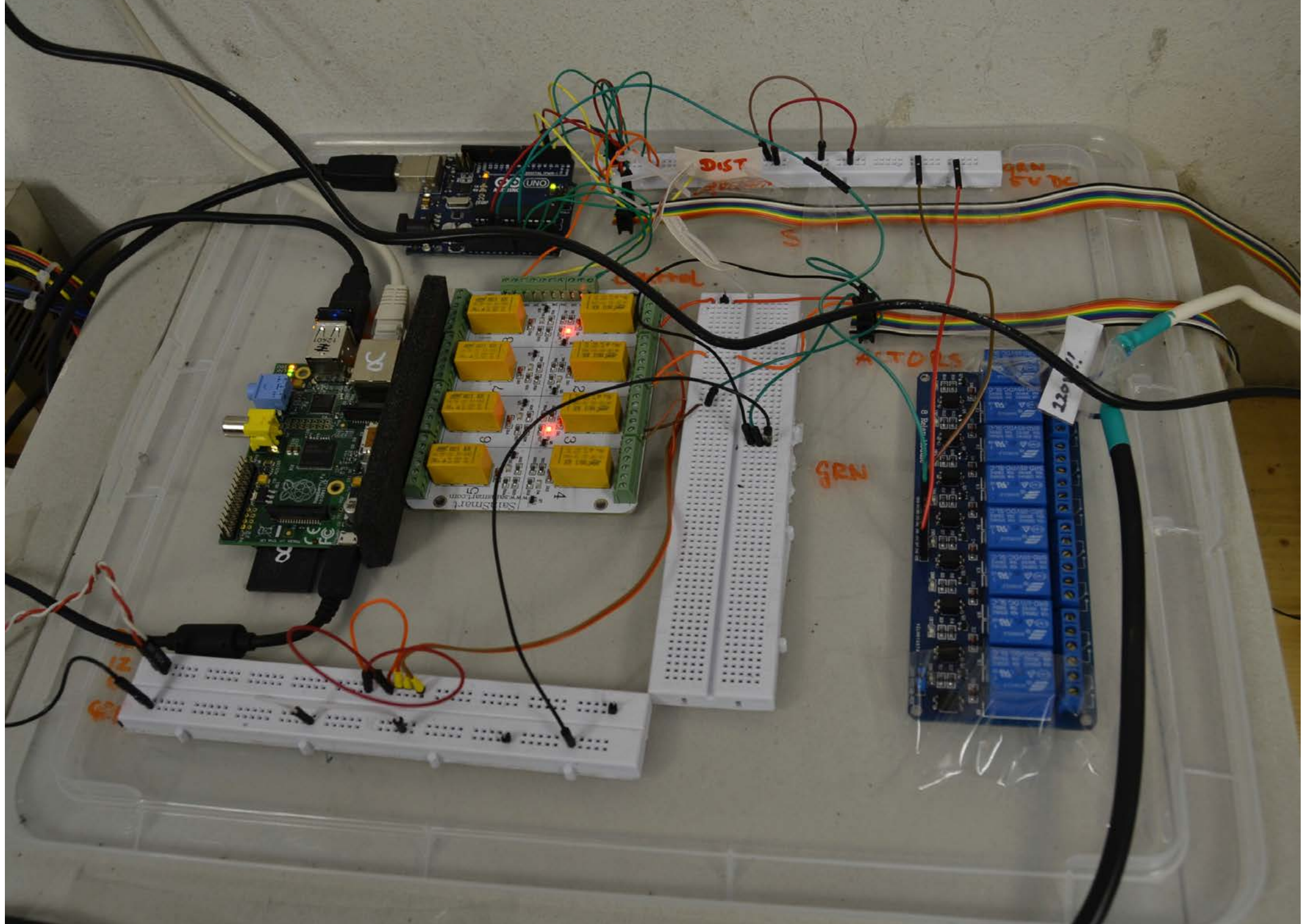
1X478220 CE

2000 W

2000 W







UNO

DIST

SERV

SERV

MOTORS

SERV

120V!!

Smart
Smart.com

8 Relays
120V

12V

```
void setup ()
{
  // INITIALIZE TIMER INTERRUPTS
  cli();           // disable global interrupts
  TCCR1A = 0;     // set entire TCCR1A register to 0
  TCCR1B = 0;     // same for TCCR1B
  OCR1A = 15624;  // set compare match register to desired timer count.
                  // 16 MHz with 1024 prescaler = 15624 counts/s
  TCCR1B |= (1 << WGM12); // turn on CTC mode. clear timer on compare match
  TCCR1B |= (1 << CS10);  // Set CS10 and CS12 bits for 1024 prescaler
  TCCR1B |= (1 << CS12);
  TIMSK1 |= (1 << OCIE1A); // enable timer compare interrupt
  sei();           // enable global interrupts
}
```

this could be a robot

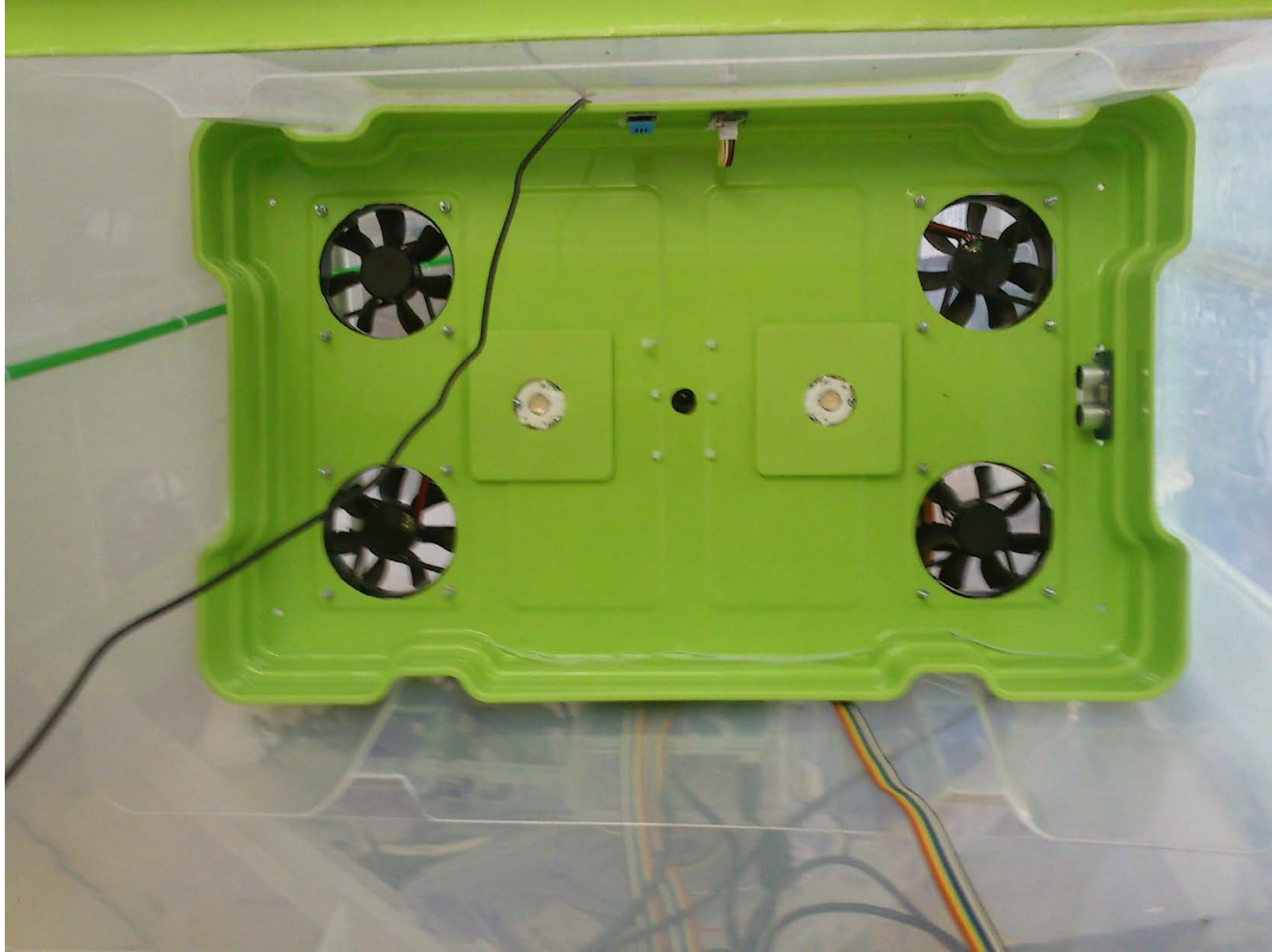




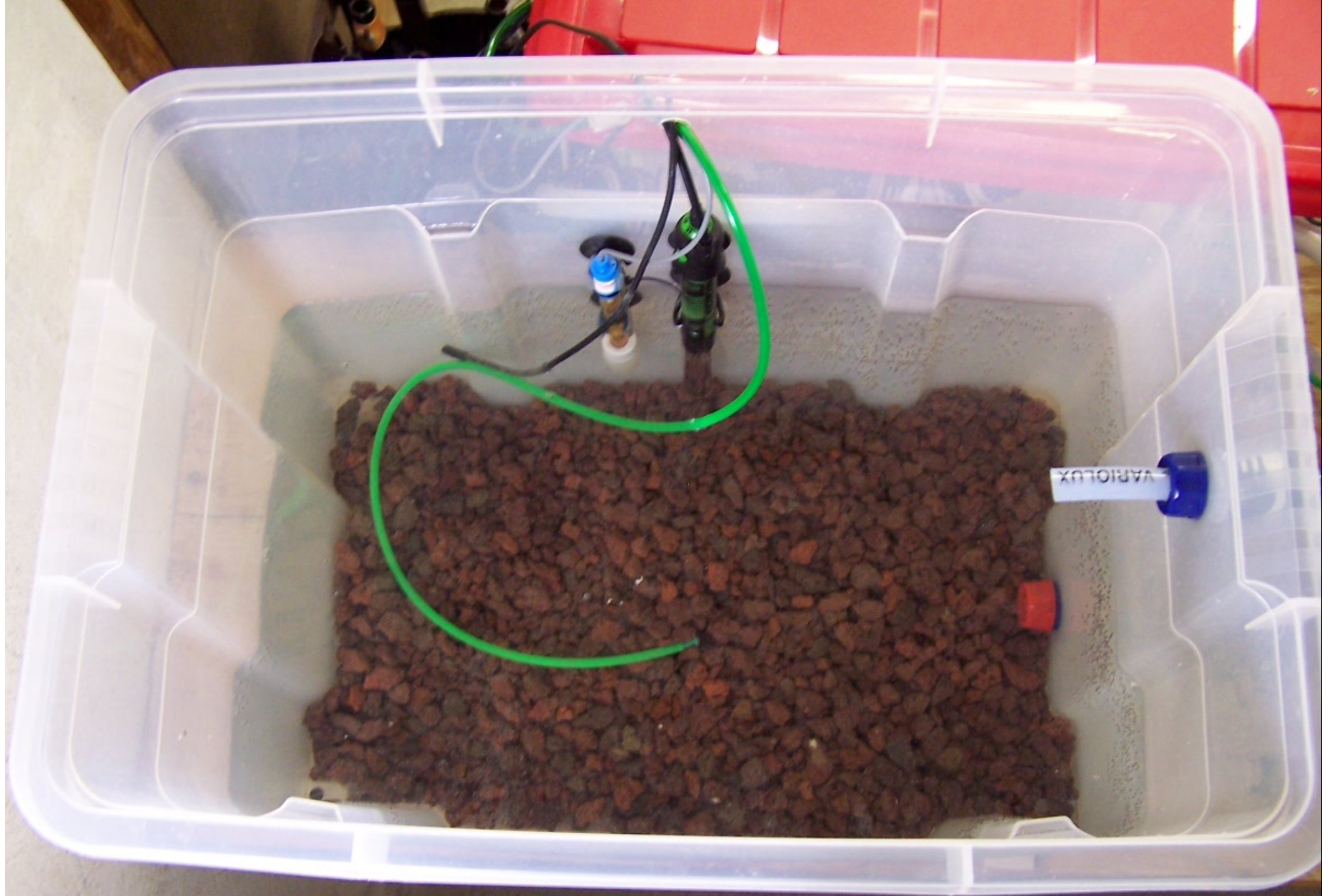


putting the bot back in
botanics

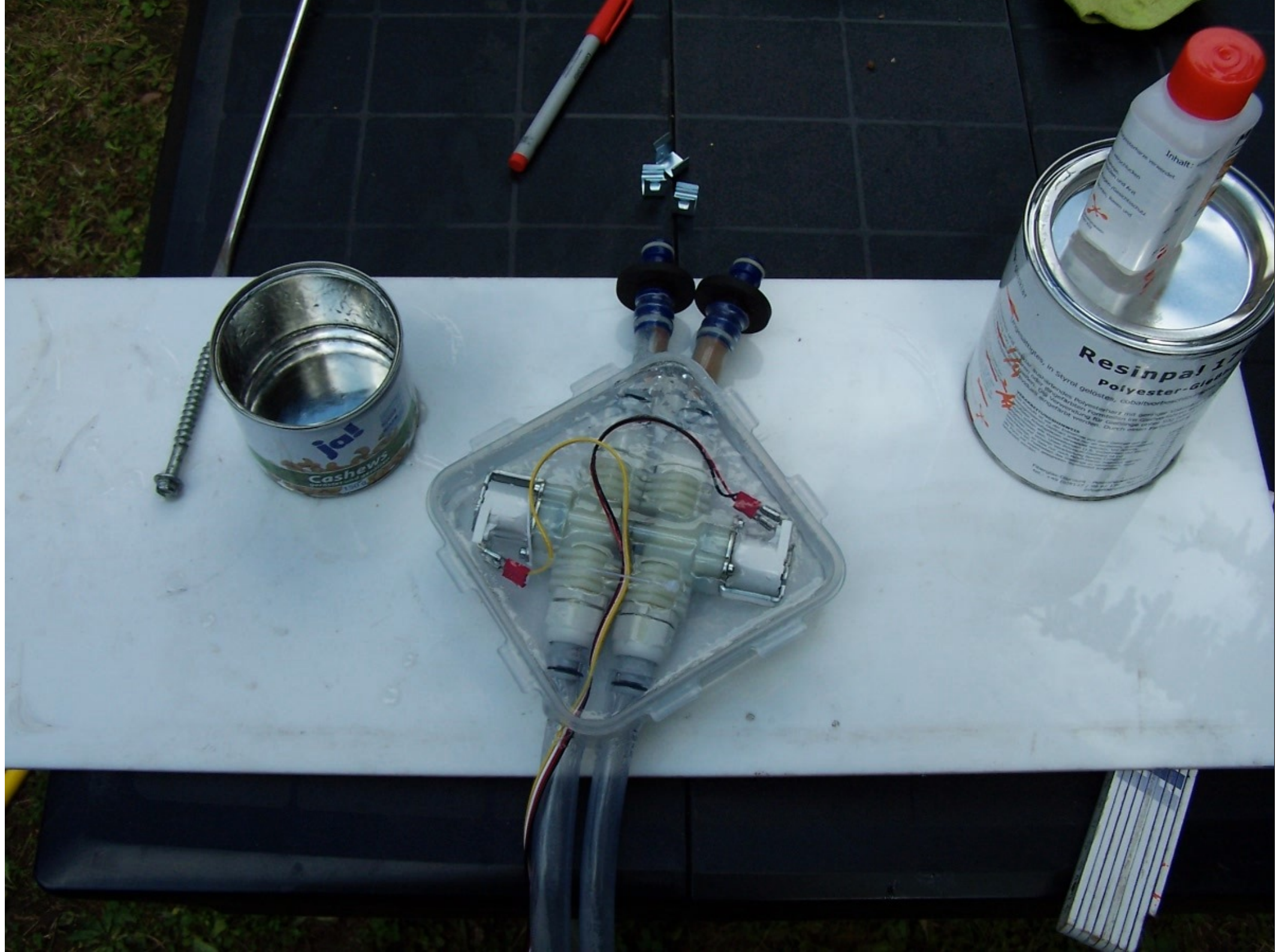


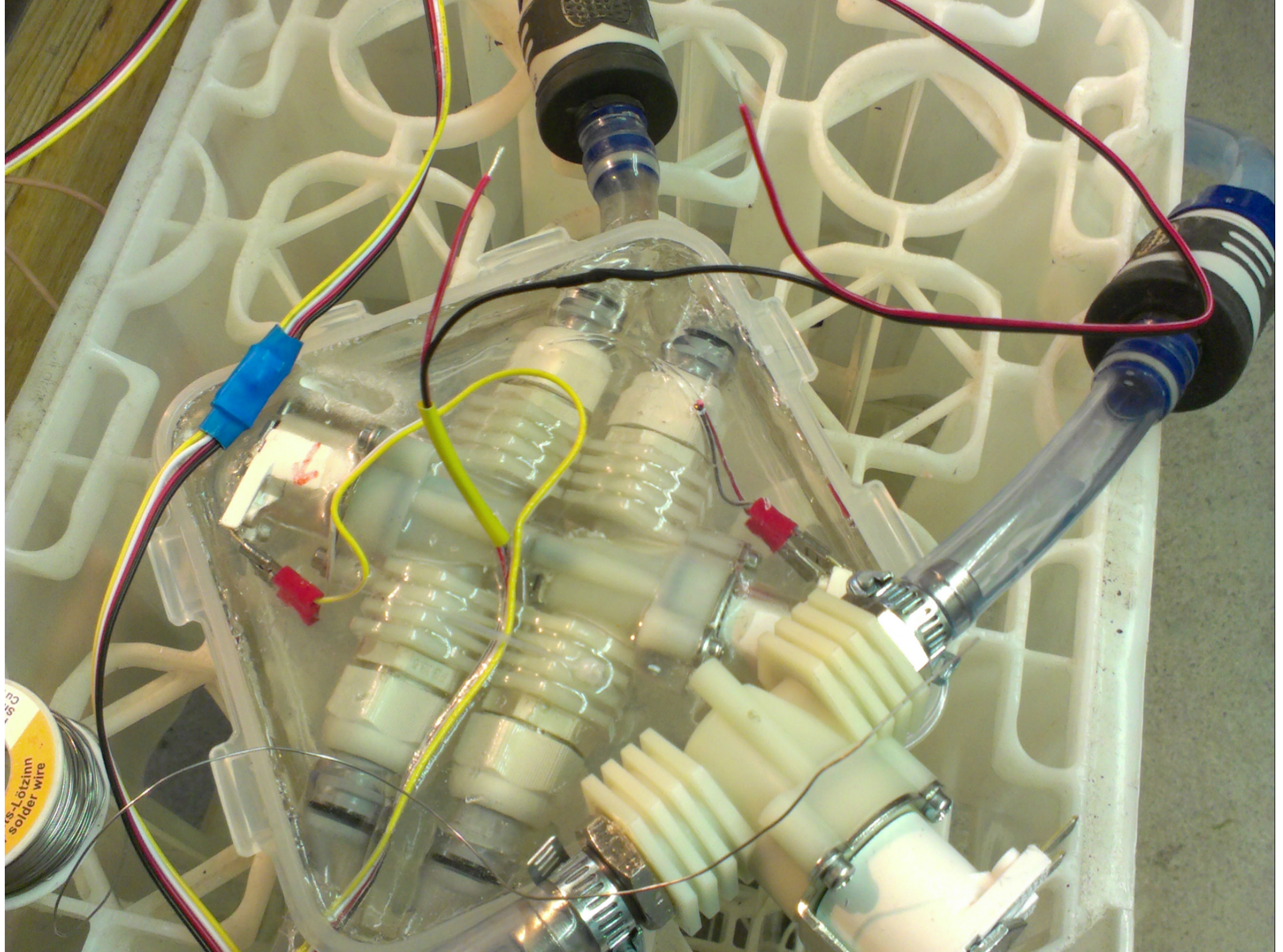




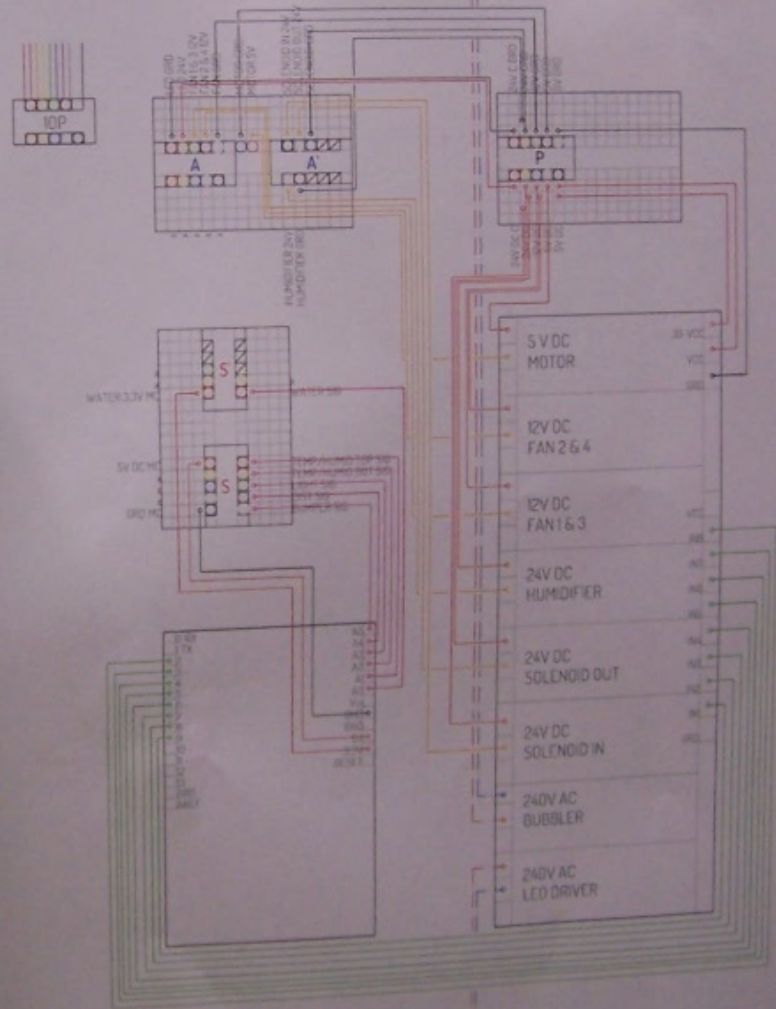




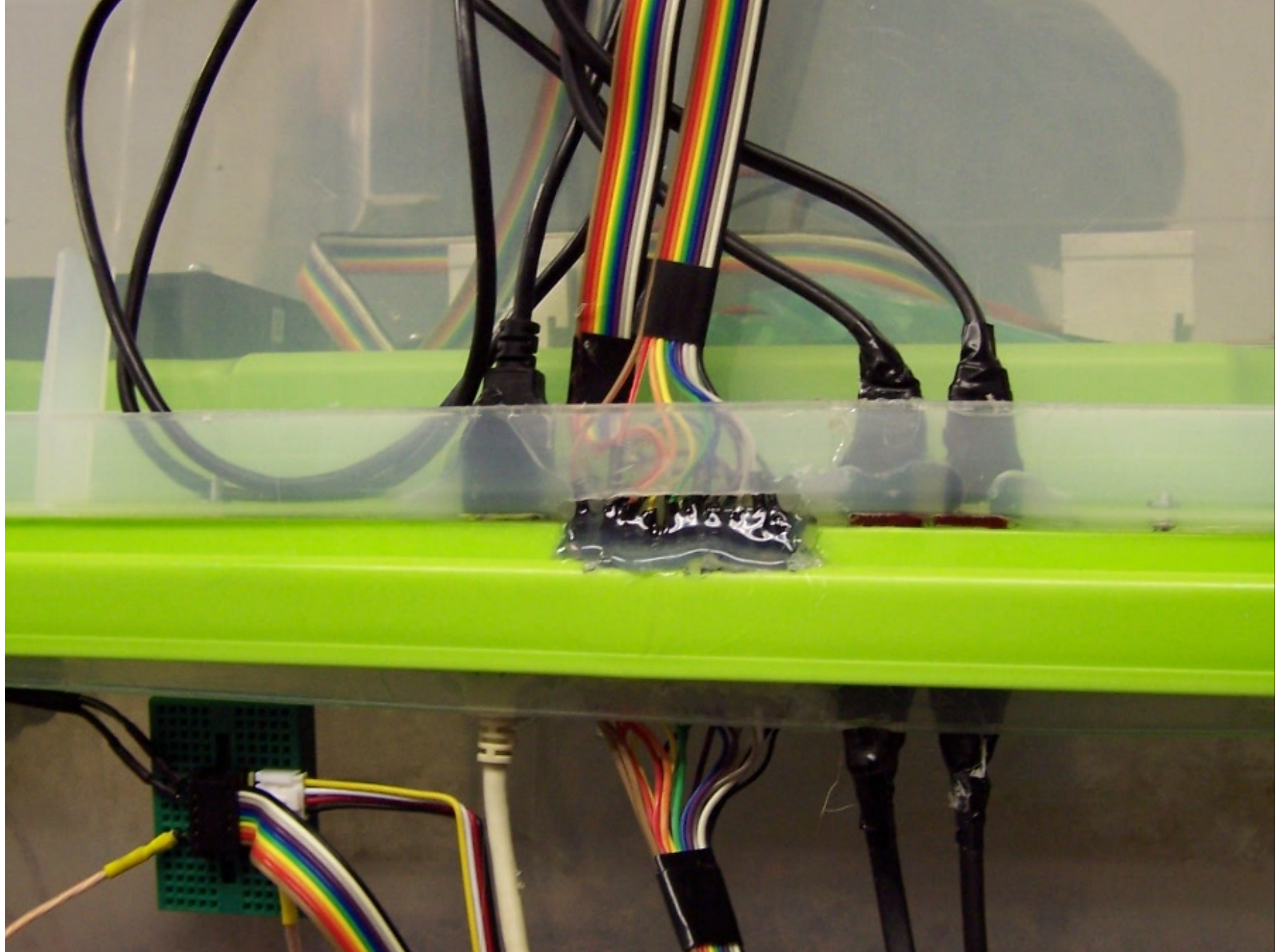




hydroponic wiring diagram



```
{ _id: 520e67de34f3069e0c00015a,  
  meta: { date: Fri, 16 Aug 2013 17:56:46 GMT },  
  msg: { err: '', not: '', deb: false },  
  ref:  
    { refTemp: 30,  
      refHumid: 40,  
      refLightInt: 600,  
      refFl: 10,  
      refLi: [ 960, 480 ],  
      refBu: [ 30, 10 ] },  
  actor:  
    { led: { state: true, dur: 3 },  
      bubbler: { state: false, dur: 4 },  
      solin: { state: false },  
      solout: { state: false },  
      humidifier: { state: false },  
      fan: { state: true, no: 4, dur: 4 },  
      motor: { state: false } },  
  sensor:  
    { tempTop: 23.6,  
      humidTop: 96.4,  
      tempBtm: 23,  
      humidBtm: 87,  
      lightInt: 749,  
      water: false,  
      bumper: false,  
      dist: 10,  
      lastFlood: 4 } }
```

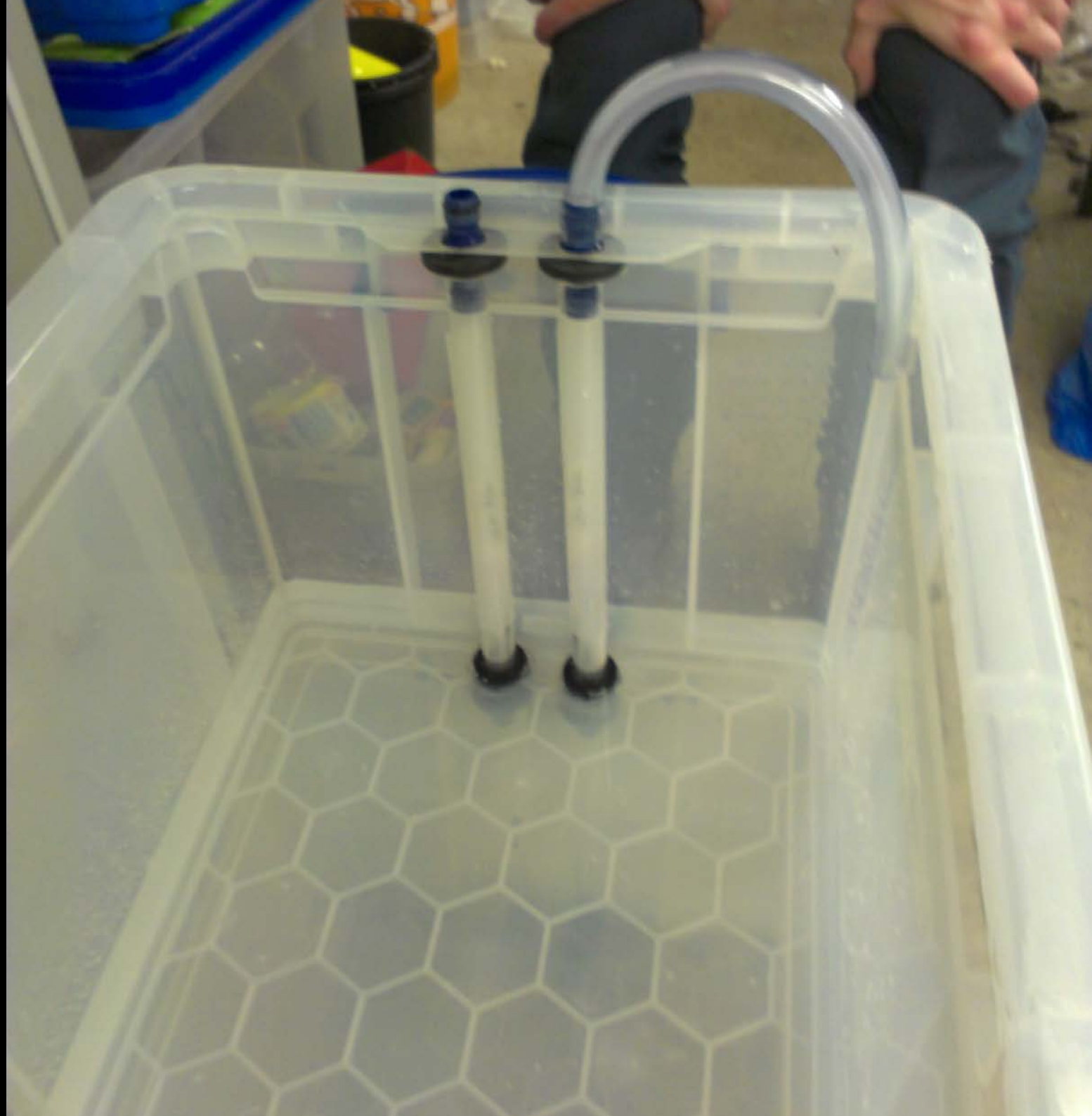






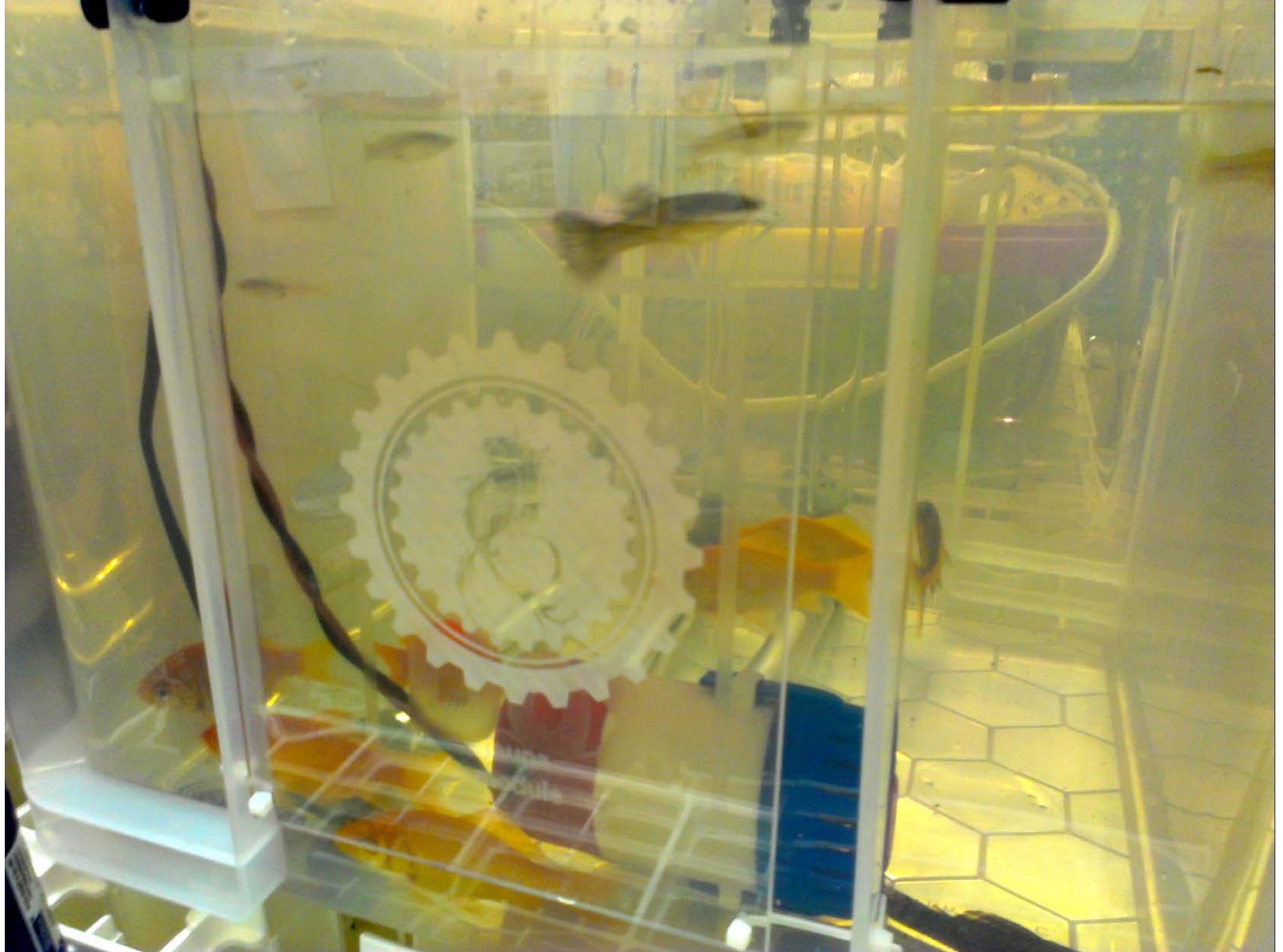
the ultimate spa for
nature







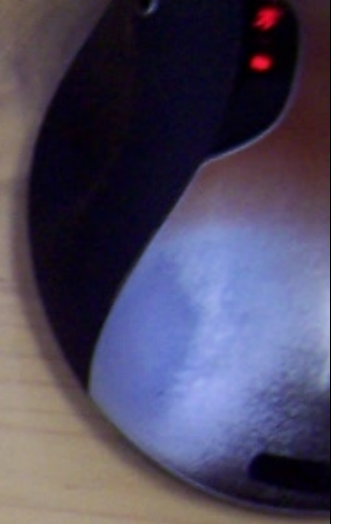






30C3 unlocked...





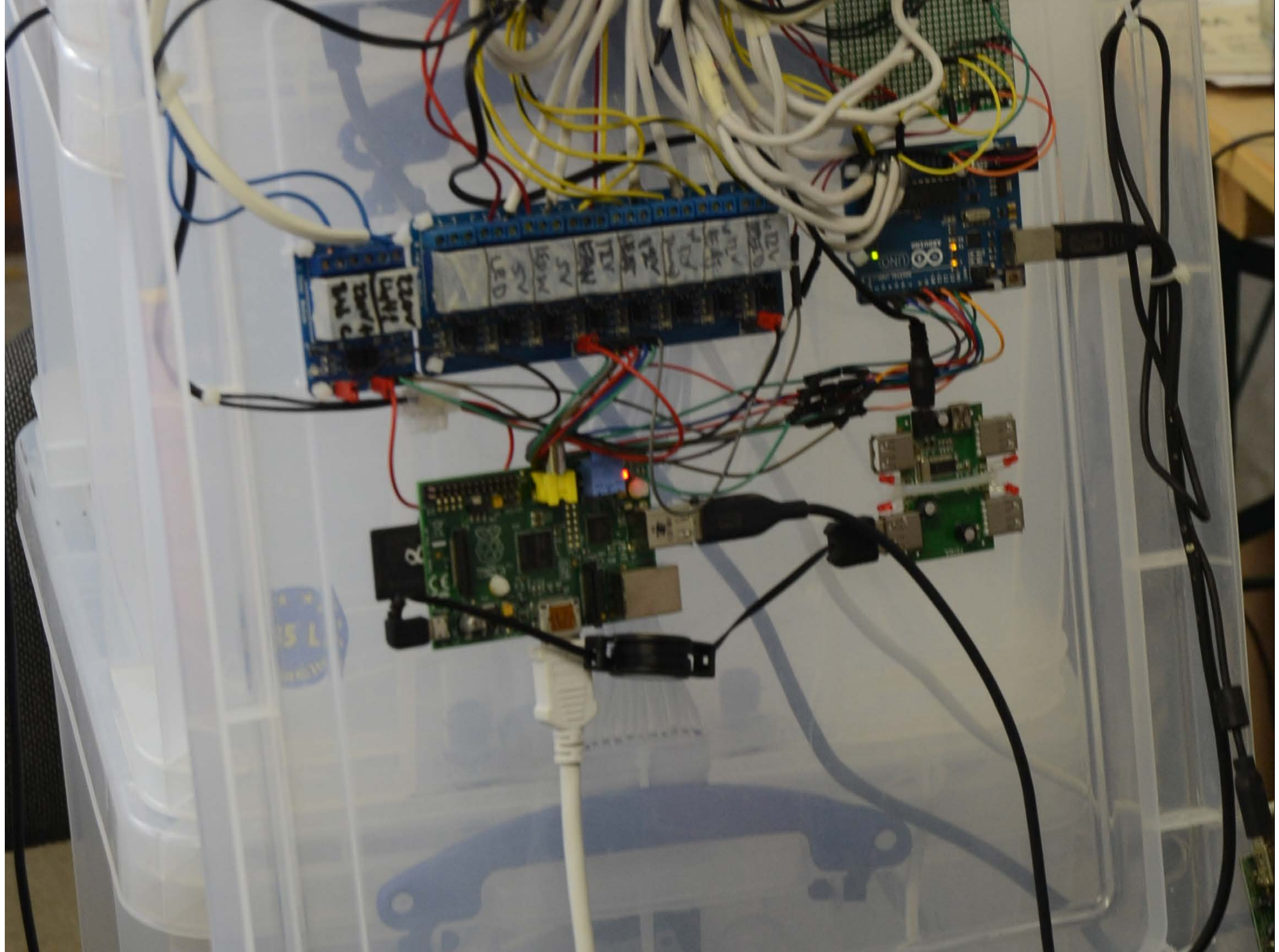








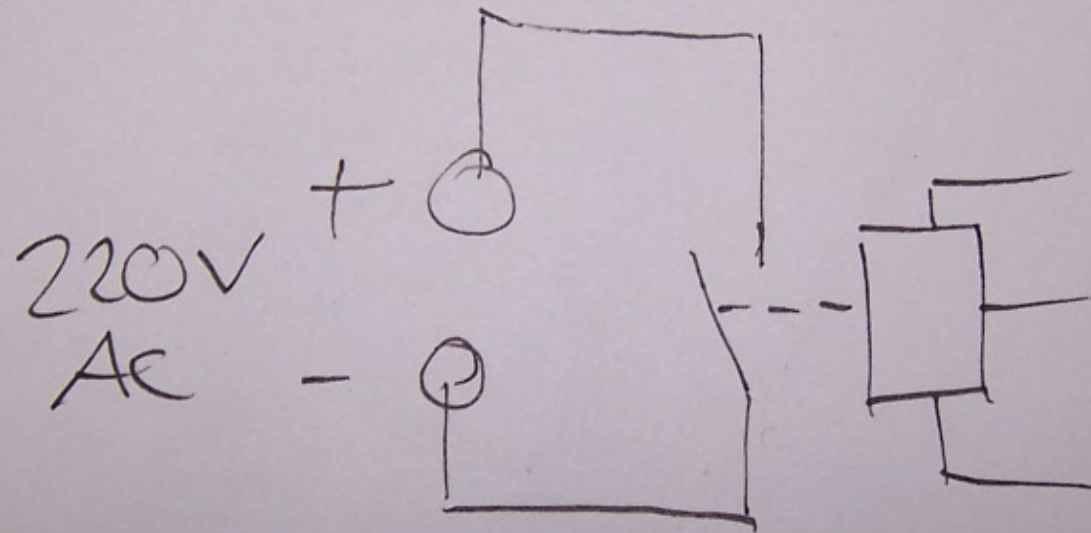




nature can has interface
(meet Dex)



Thanks a lot



more soon to be found on:

plantsandmachines.com