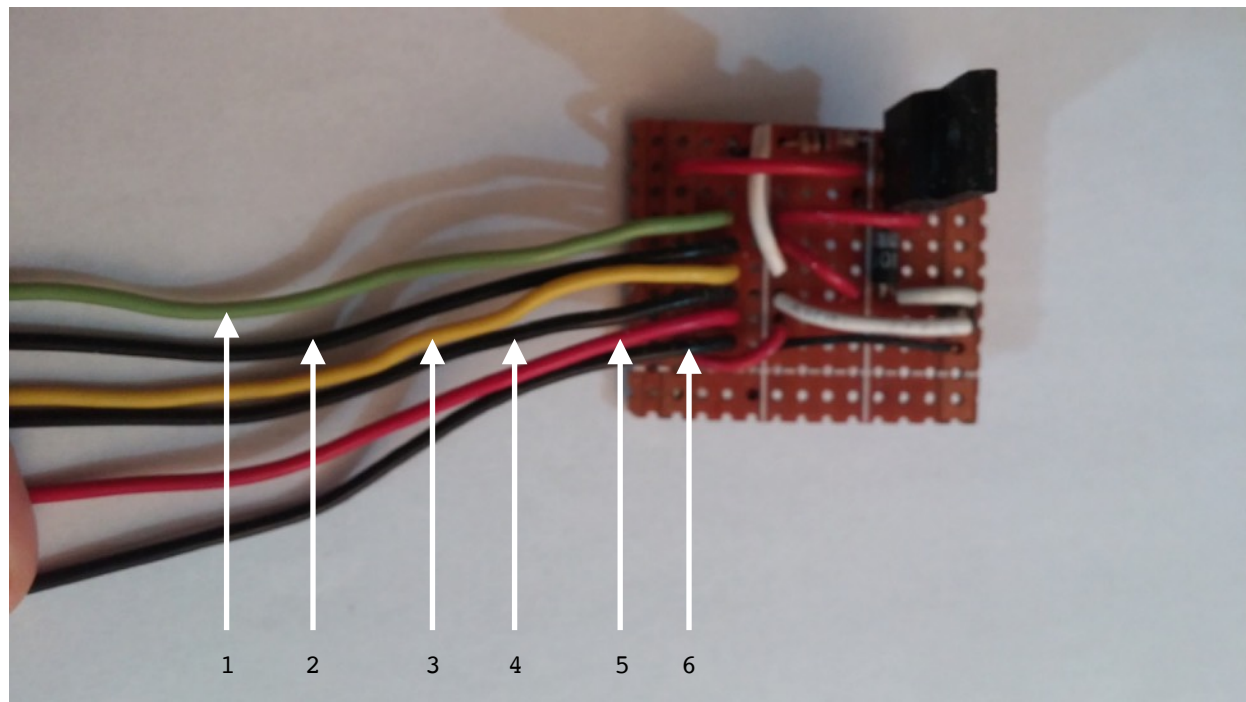


* DSW LAB MADE STIR CONTROLLER PINOUT *



{1} - Vcc motor
{2} - GND motor
{3} - TTL I/O device
{4} - GND I/O device
{5} - Vcc (5.00 V)
{6} - GND

- - - - -

Circuit to be used for controlling stirring during long timescale experiments.

PROCEDURE:

```
1 SET {3} -> LOW; // no stirring during read
2 OPEN SHUTTER 1 -> SHOOT LASER -> BLANK;
3 CLOSE SHUTTER 1;
4 OPEN SHUTTER 1 & 2 -> SHOOT LASER -> EXCITE SAMPLE;
5 CLOSE SHUTTER 1 & 2;
6 SET {3} -> HIGH; // begin stirring
7 PAUSE P SECONDS; // pause for P number of seconds (MATLAB UI)
8 GOTO 1;
```