

Cell Holder with stirring

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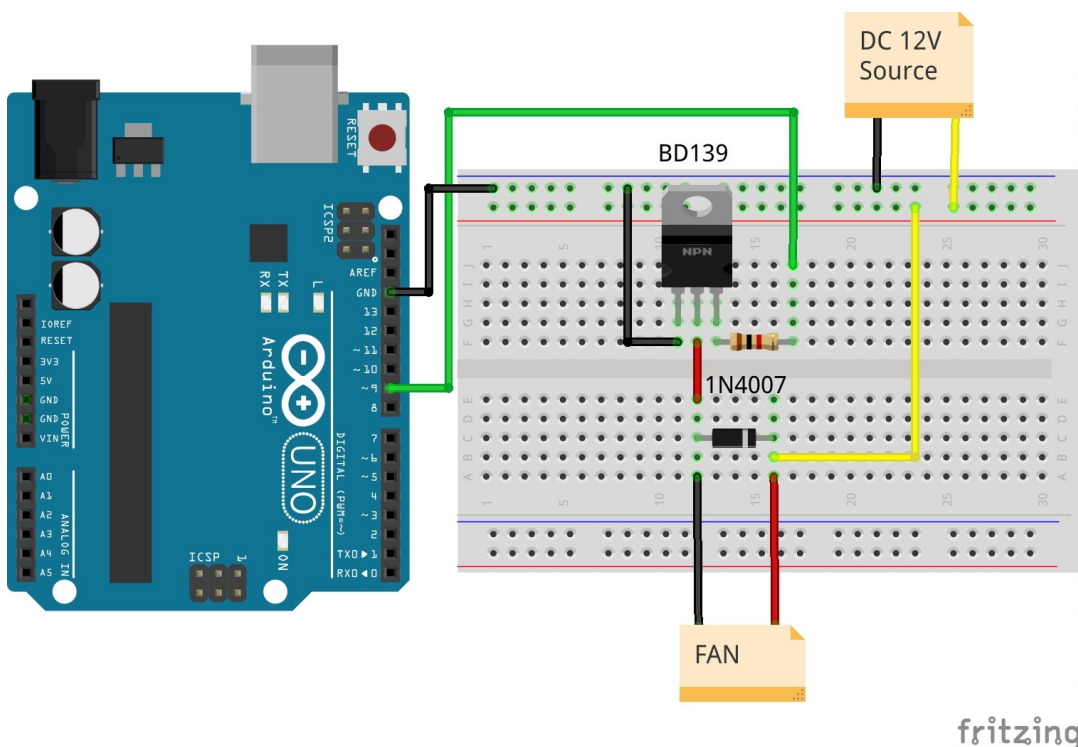
gabrielsiano@gmail.com

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HARDWARE

- A fan (PC cooler) must be adapted to fit into the 3D Printed Cell Holder. A 4cm x 4 cm was used in this work.
- A DC source for the fan (12 V)
- NPN Transistor (BD139)
- A diode (1N4007)



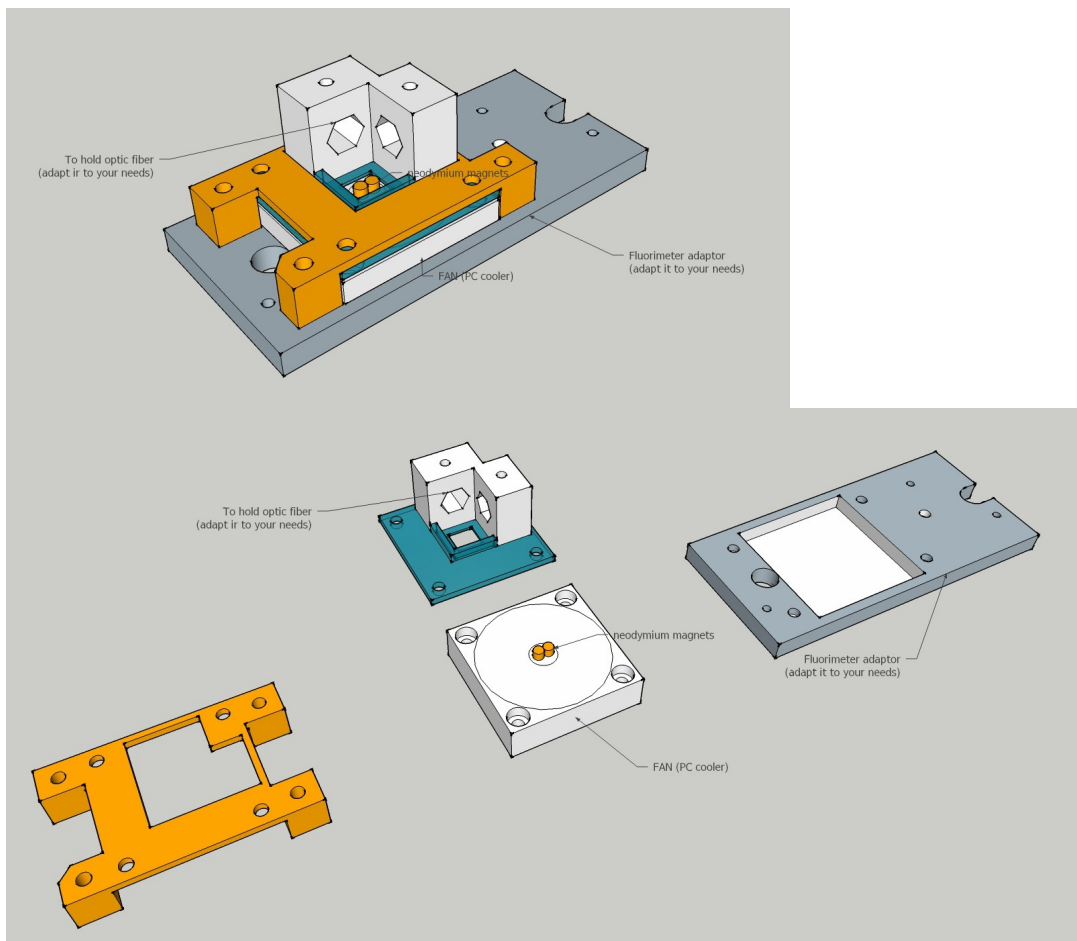
NOTES

- Pin 9: any PWM pin can be used instead of pin 9 (fanPin variable must be adapted in Arduino sketch PWMSerialStirring.ino)

CODE

Arduino Code: PWMSerialStirring.ino

Use Arduino Serial Monitor (9600 bps) to change stirring speed



See CellHolderWithStirring.skp