## **Experiment: Construction of an Organic Electrochemical Transistor (OECT)**

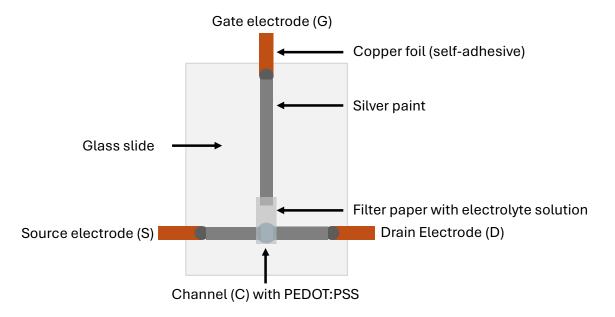
Safety measures: Safety glasses, lab coat, well-ventilated room

## Materials per group:

Semiconductor-solution (PEDOT:PSS, 2-propanole, ethylene glycol), potassium chloride solution (1 M), 2x glass slides (ca. 3,5 x 2,5 cm), 3x copper foils 0,5 cm (self-adhesive), silver-paint (incl. brush), needle/ pin, glass stirring rod, cotton swab, filter paper, scissor, 2x foldback clips, power-supply, 1.5 V AA battery with case, 5x alligator-clip cable

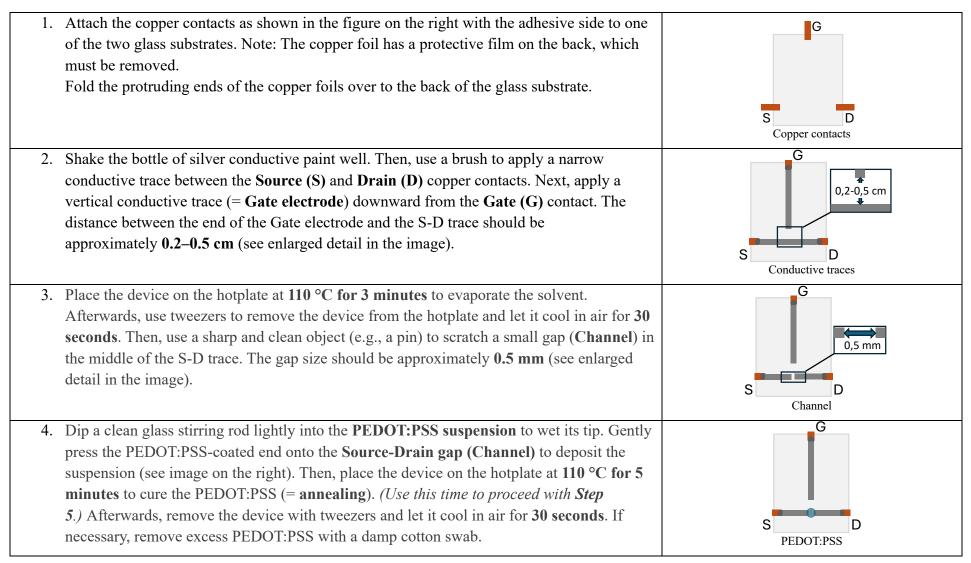
## Materials centrally available:

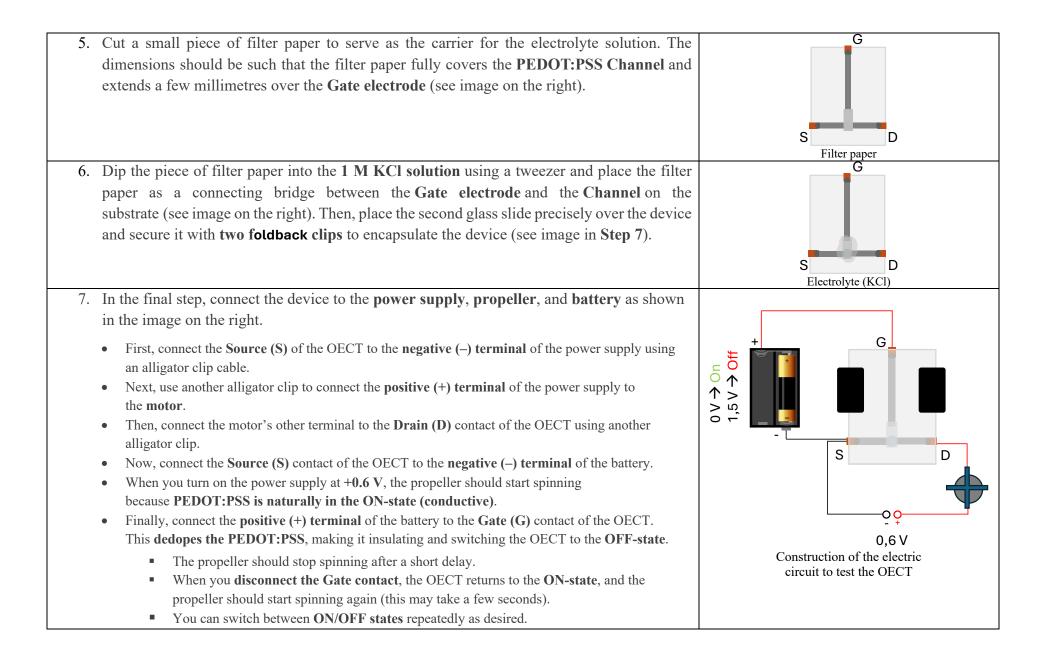
tweezers, hotplate



Marking of components of the OECT

## Instruction manual: building an OECT





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