



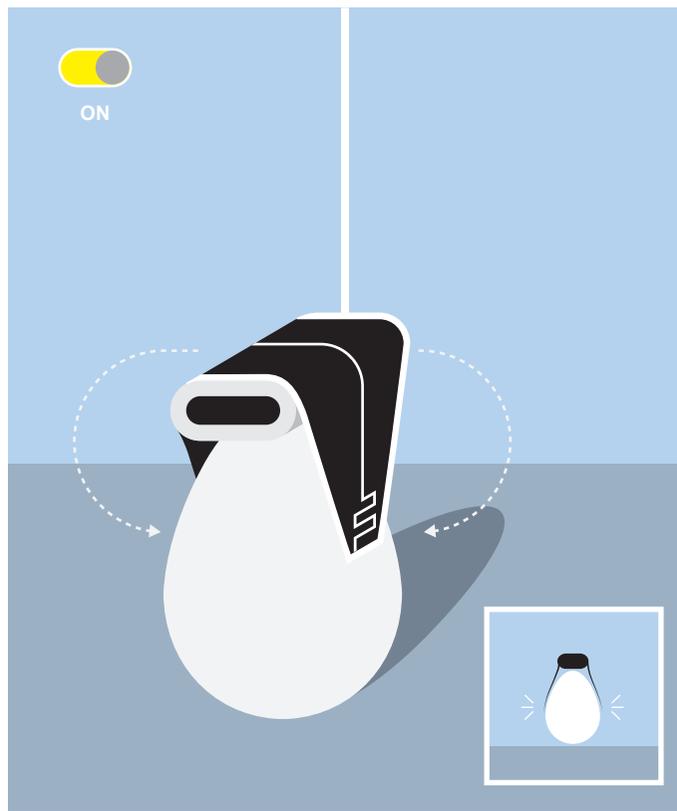
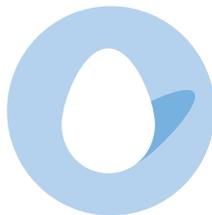
Get a Grip with Soft Electronics

Flexible electronic flaps act like a gripper. Using electrostatic forces, it can pick up fragile objects of arbitrary shape and stiffness, like an egg, a water balloon or paper.



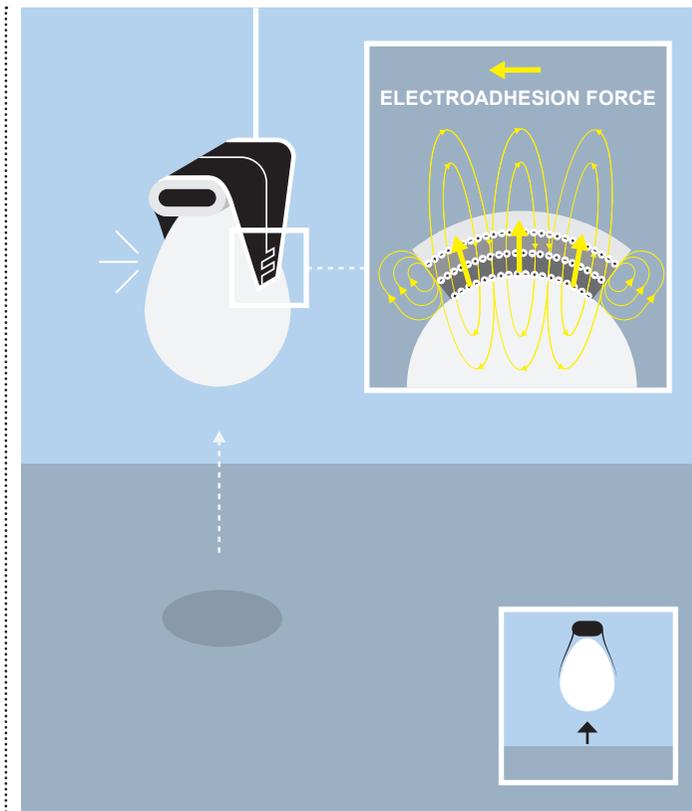
Stretchable Electronic Gripper

The switch is off. The flaps are curled outwards. Lightweight, stretchable and soft. Suitable for fragile objects.



Imitates Muscle Flexion and Soft Touch

The switch is on. Electrostatic forces are generated throughout the electrodes. The flaps bend towards the egg, imitating muscle flexion. The patterned tips stick to the egg, imitating the gentle touch of fingertips.



Strong Lifting Capacity

The electrostatic stickiness, called electroadhesion, allows the flaps to lift up to 100 times its own weight.

