Supporting Information for Publication

Ultrafast Single-Droplet Bouncing Actuator with Electrostatic Force on Superhydrophobic Electrodes

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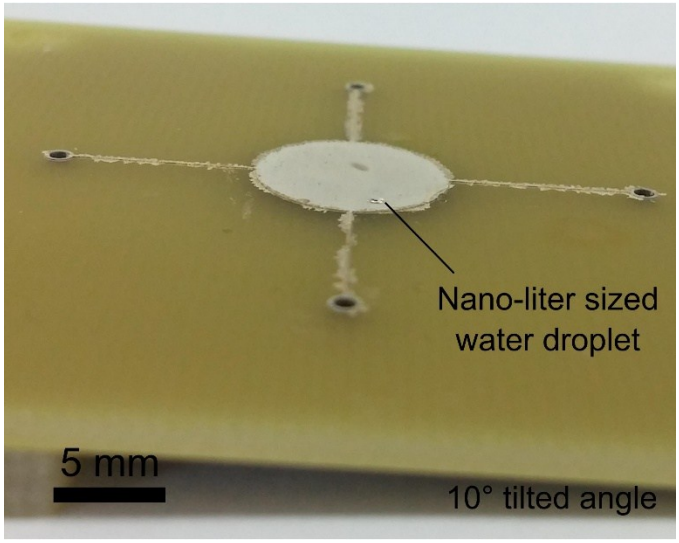

Figure S1. Photograph of the nano-liter sized water droplet on the superhydrophobic electrode with a tilted angle of 10°.

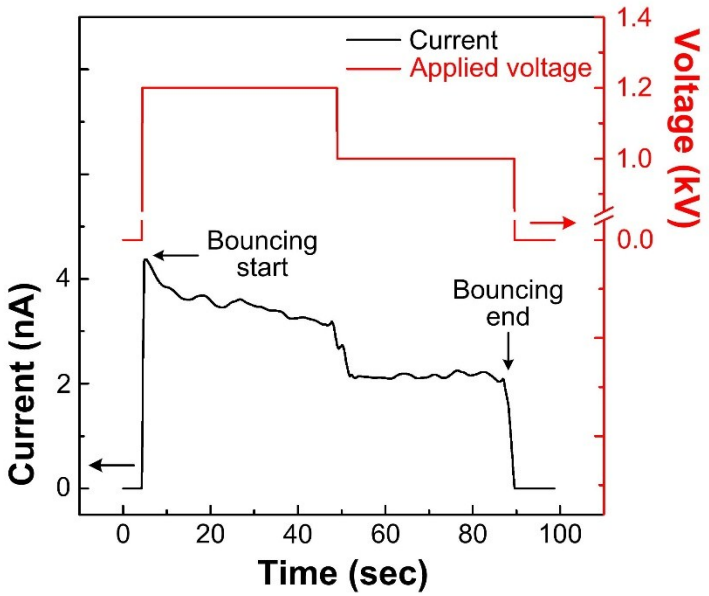

Figure S2. The electrical current signal of a ~1μL droplet of PEDOT:PSS solution during bouncing motion varying the applied voltage at 1.2 kV and 1 kV obtained from the electrometer.

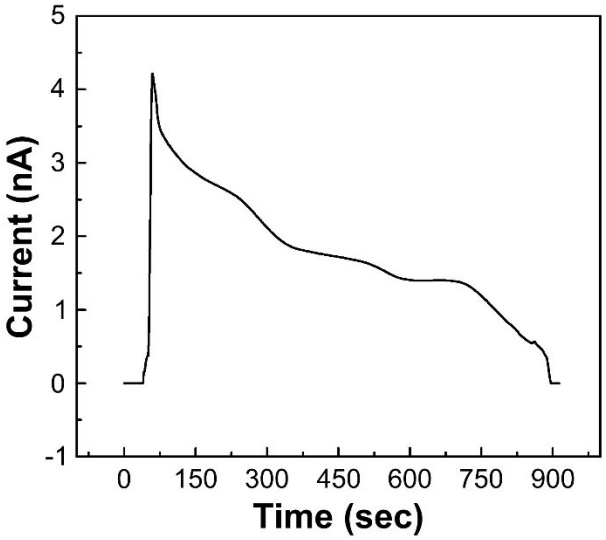

Figure S3. The current of a ~1μL water droplet during bouncing motion was measured at the constant applied voltage of 1 kV until the droplet was completely evaporated.