

Supporting Information

Wearable Capacitive Pressure Sensor for Contact and Non-Contact Sensing and Pulse Waveforms Monitoring

Azmal Huda Chowdhury ¹, Borzooye Jafarizadeh ¹, Nezih Pala ² and Chunlei Wang ^{1,3,*}

¹ Department of Mechanical and Materials Engineering, Florida International University, Miami, FL 33174, USA

² Department of Electrical and Computer Engineering, Florida International University, Miami, FL 33174, USA

³ Center for Study of Matter at Extreme Conditions, Florida International University, Miami, FL 33174, USA

* Correspondence: wangc@fiu.edu

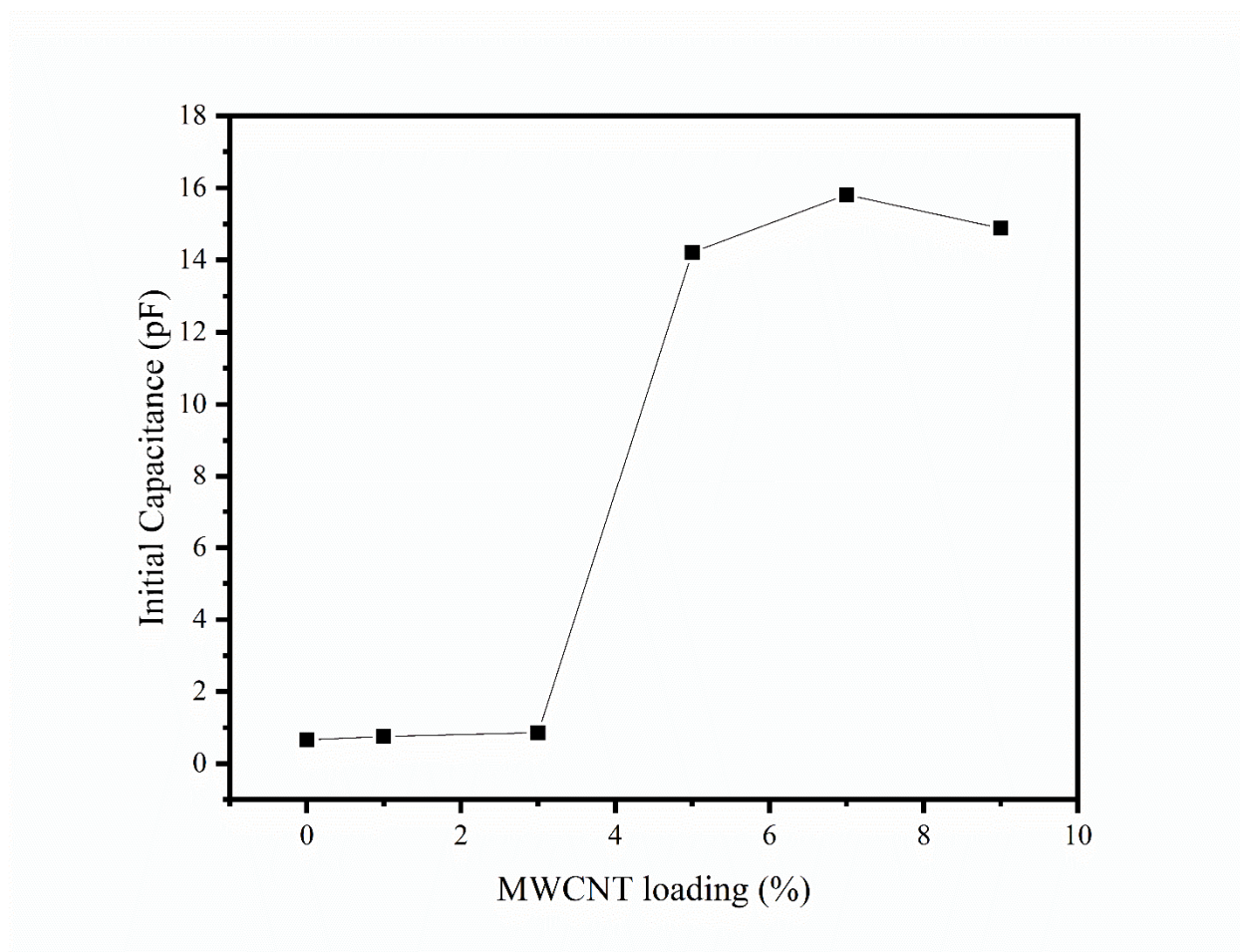


Figure S1: Change in base capacitance with the addition of MWCNT.

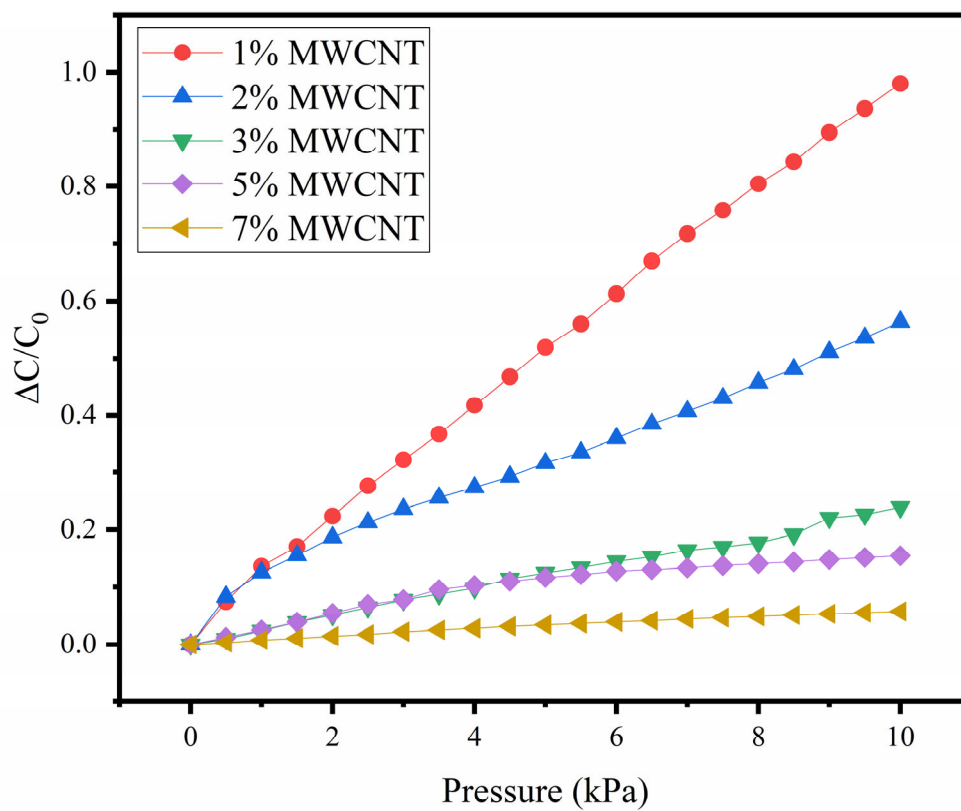


Figure S2: Decrease in relative capacitance with higher concentration of MWCNT.

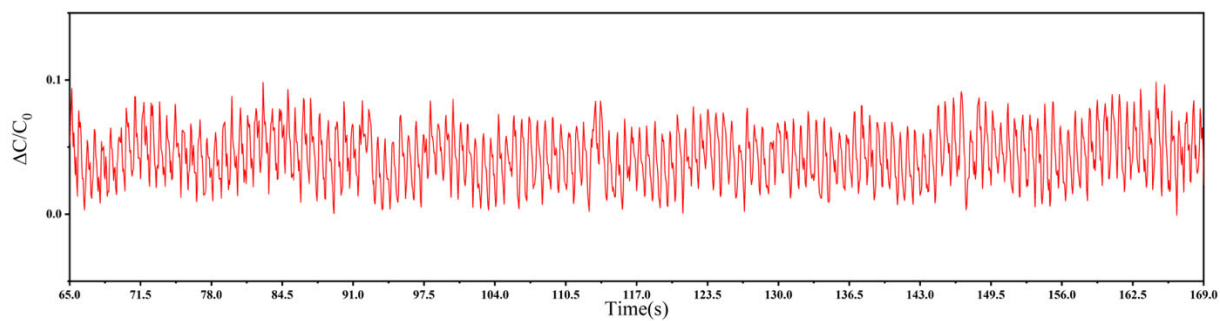


Figure S3: Pulse waveforms collection for a wide range of data collection.

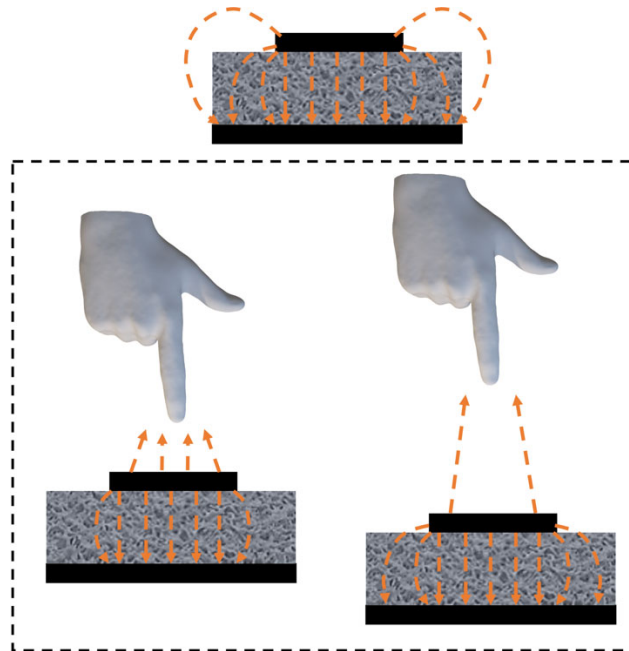


Figure S4: Proximity sensing mechanism