

Supplementary Information

High-performance supercapacitor electrode based on a polyaniline nanofibers /3D graphene framework as an efficient charge transporter

Sachin B. Kulkarni†, Umakant M. Patil†, Iman Shackery†, Ji Soo Sohn, Suchan Lee, Byeongho Park, SeongChan Jun*

Nano ElectroMechanical Device Laboratory, School of Mechanical Engineering, Yonsei University, Seoul 120-749, Republic of Korea.

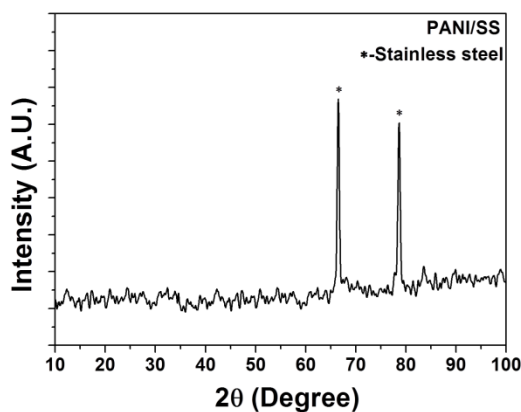


Figure S1: XRD pattern of PANI on stainless steel showing very small peaks indicating less semi-crystalline nature as compared to PANI/3D GF.

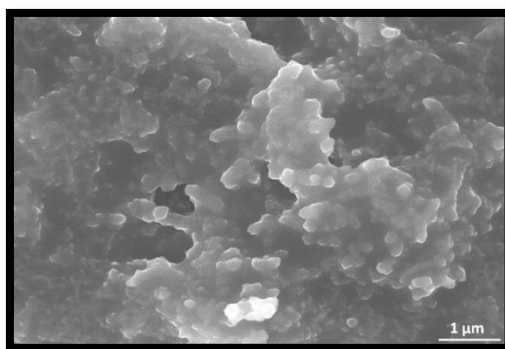


Figure S2: FESEM image of PANI on stainless steel with agglomerated nanofibers, which is in support for lesser semi crystalline PANI growth.