Supporting Information

An Optimized 3D Carbom Matrix for High Rate Silicon Anode

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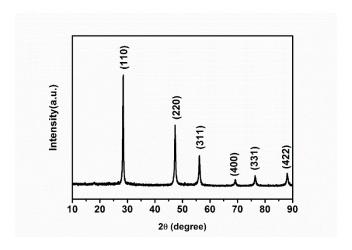


Fig.S1 XRD pattern of residue powder after TGA test.

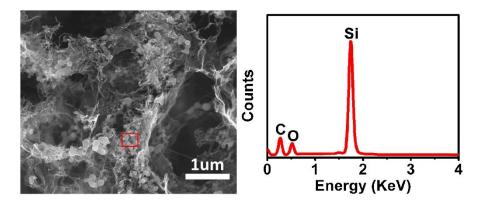


Fig.S2 EDS spectra of Si@SiO_x/CNTs/GA-1 composite.

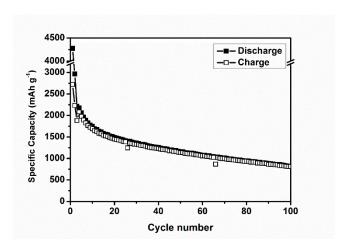


Fig.S3 Cyclic performance of $Si@SiO_x$ particles, with 0.1A g^{-1} current density.