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Spherical Silicon/CNT/Carbon Composite Wrapped with Graphene as an Anode Material for Lithium-Ion Batteries

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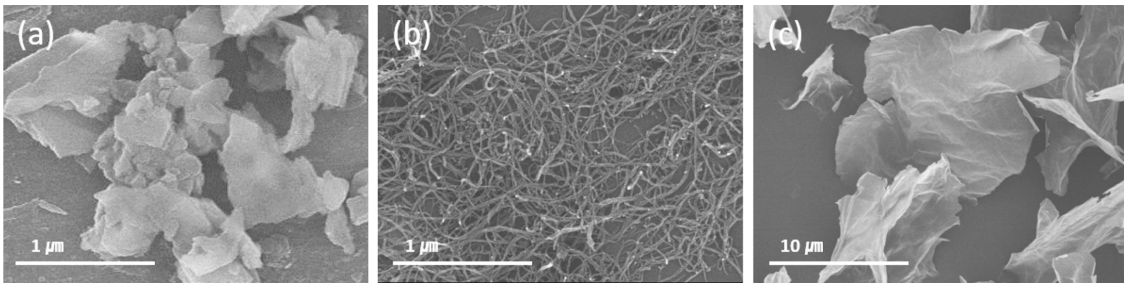

Fig. S1. FESEM images of starting materials for SCG composite; (a) bm-Si, (b) CNT, and (c) GO.

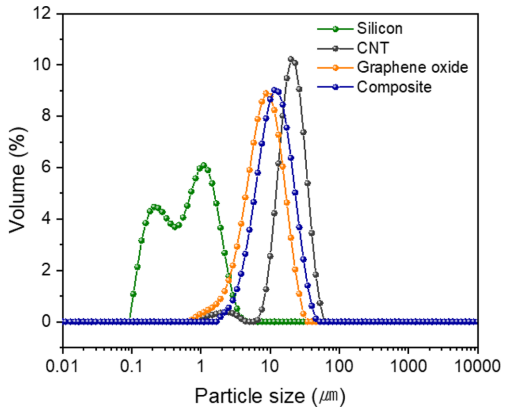

Fig. S2. Particle size distributions of starting materials (bm-Si, CNT, GO) and SCG composite.

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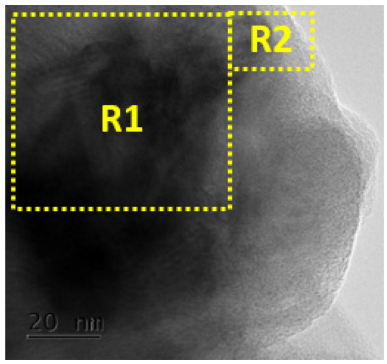

Fig. S3. TEM image of SCG composite particle at a low magnification.

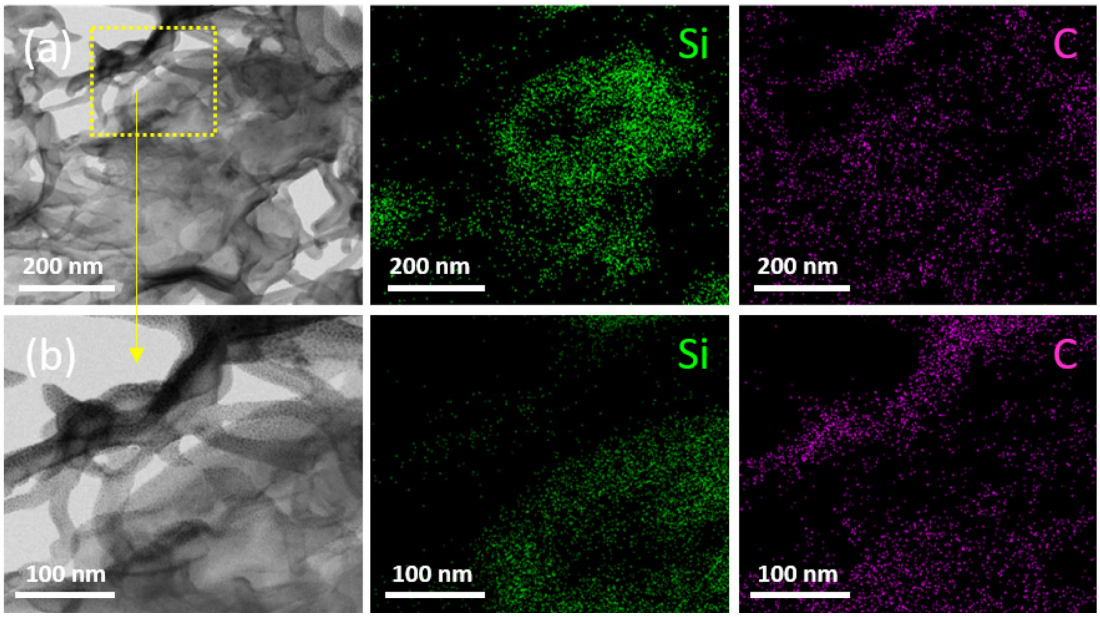

Fig. S4. TEM images at different magnifications combined with EDS elemental mapping results for Si (green) and C (purple).

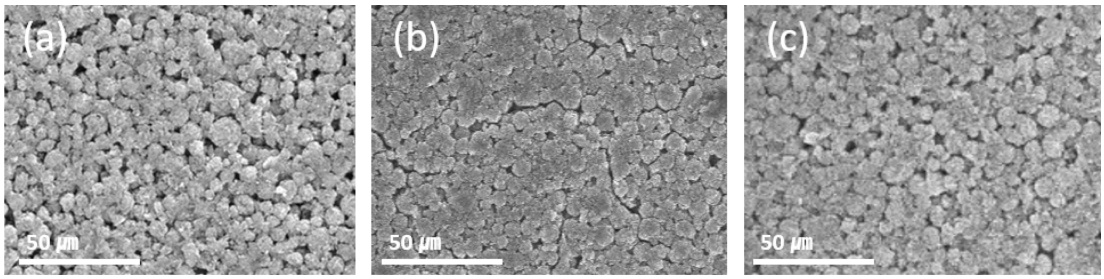

Fig. S5. FESEM surface images of SCG composite electrode; (a) before cycling, (b) after 50 cycles and (c) after removing the SEI film after 50 cycles.