

Supplementary Information for

## Flattening of multiwalled carbon nanotubes by electromigration-driven ductile deformation of Ni nanorod filler

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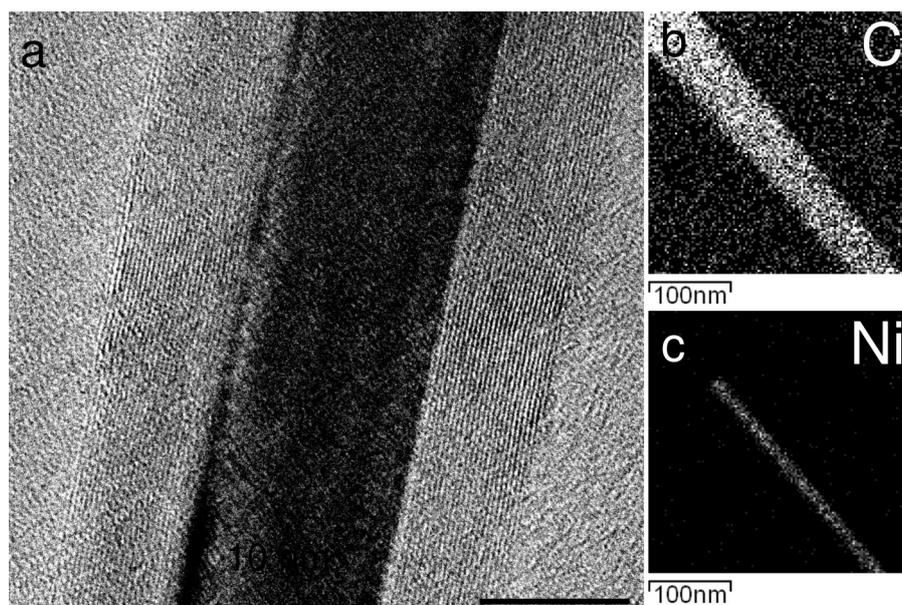
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Fig. 1S shows TEM analysis data of a multi-walled carbon nanotube (MWCNT) with a Ni nanorod filler. The TEM image (a) shows the multi-walled structure of the nanotube. The TEM image and the C element mapping image (b) confirmed that the host nanotube was MWCNT. The Ni mapping image confirmed that the nanorod filler was Ni.



**Fig. 1S** (a) TEM image of a multi-walled carbon nanotube with a Ni nanorod filler and (b) carbon and (c) nickel EDX mapping images.