Supporting Information

Nanospot welding of carbon nanotubes using near-field enhancement effect of AFM probe irradiated by optical fiber probe laser

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Figure S1. The morphology of silver nanoparticles
Figure S2. Experimental interconnection of carbon nanotubes (a) before heating and (b) after heating treatment based on AFM probe tip illuminated by fiber probe laser (64mW) with the corresponding height sizes.

Figure S3. SEM images of AFM probe tip morphology (a) before and (b) after nanosoldering.