

Method for Mass Production of Nanoscale Carbon Tips with Cylinder-on-Cone Shape

Disclosure Number

200100903

Technology Summary

A method for fabricating nanoscale carbon tips with improved shape is described. The tips have excellent mechanical and thermal stability, while enabling high resolution measurements for scanning probe microscopies and electron field emission at low applied electric fields. In addition, the fabrication process is well-suited for large-scale commercial production.

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