

Catalyst- Induced Growth of Carbon Nanotubes on Tips of Cantilevers and Nanowires

Disclosure Number

200100899

Technology Summary

Non-enabling title: Growth of Carbon Nanotubes on Tips of Cantilevers and Nanowires - The invention is a method and an automated machine for the growth of carbon nanotubes/fibers on the tips of nanowires and/or cantilevers. The method and automated machine of the subject invention are used for the production of carbon nanotube-anchored cantilevers that can significantly improve the performance (such as resolution) of the current scanning probe microscopy (AFM, EFM, etc.). The subject invention can be used also in many other processes of micro and/or nanofabrication with carbon nanotubes/fibers.

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