



Fig. a) SEM image of the cloth-like raw soot;  
b) Typical SEM image of the brushy materials after CVD

Fig a shows a high magnification SEM image of cloth-like SWNTs. The SWNT bundles, together with a large number of catalyst particles, could be clearly seen in the products. The purity (volume) is estimated to be 30%. After CVD process, there were some brushy materials on the smooth surface of the cloth-like raw soot. Fig b shows the typical SEM image of the brushy materials after CVD. The figure clearly shows that the brushy materials contain wire-like nanomaterials, which is quite different from the original cloth-like raw soot.