Electronic Supplementary Information (ESI)

Feedstock-Dependent Nitrogen Configurations of Nitrogen-Doped Single-Walled Carbon Nanotubes in CVD Process

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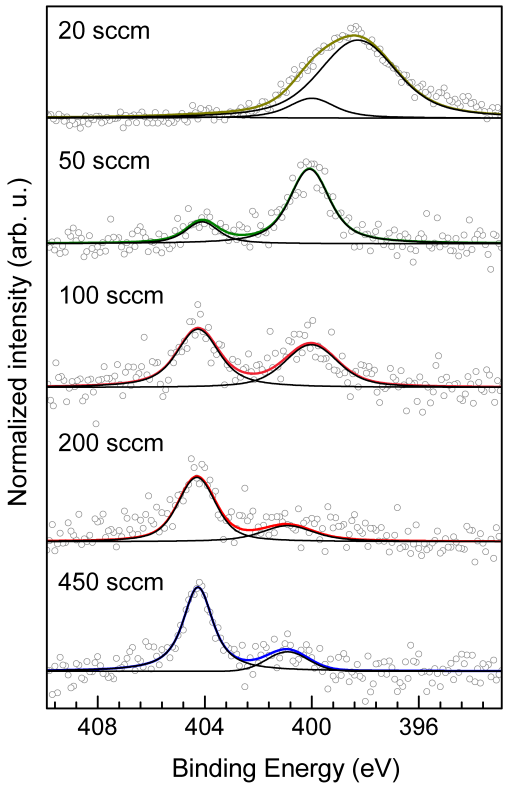

Fig. S1 The N1s core level obtained from XPS spectra of N-doped SWCNTs synthesized from various flow rates.

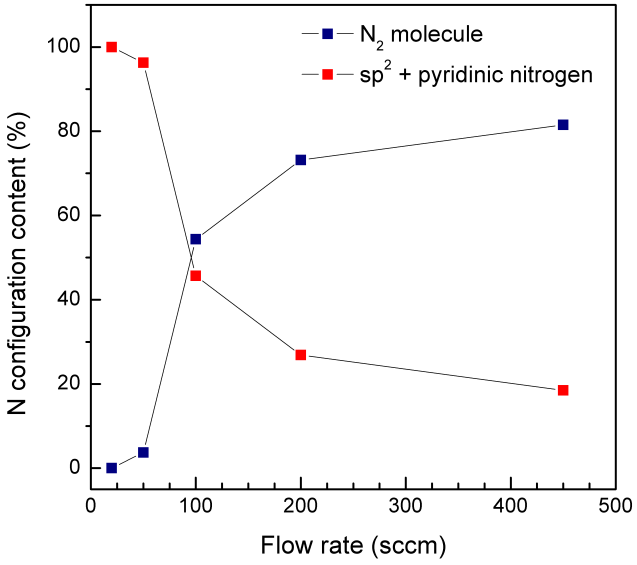

Fig. S2 Nitrogen content of each configuration obtained from the decomposed N1s core level as a function of C/N feedstock flow rate during the growth.

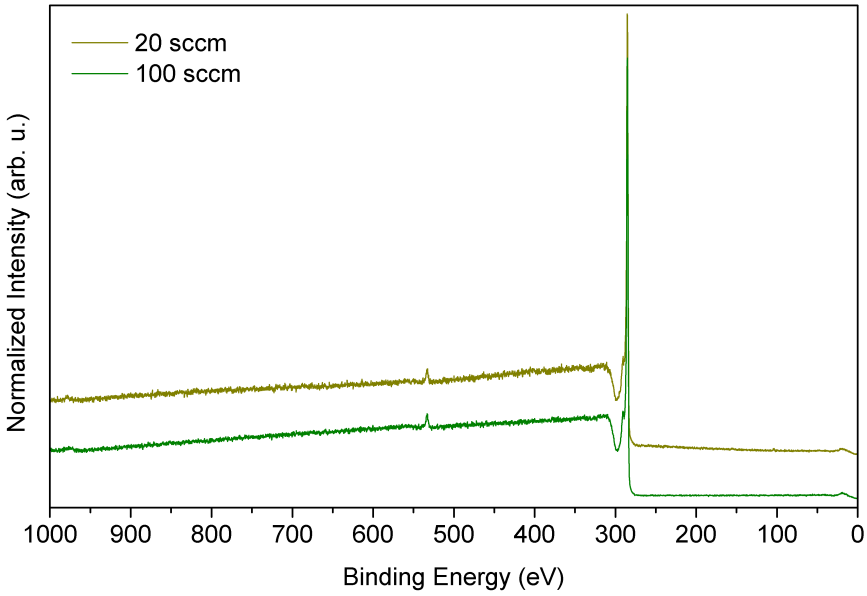

Fig. S3 The survey scan of XPS spectra of N-doped SWCNTs synthesized from the flow rate of 20 sccm and 100 sccm.

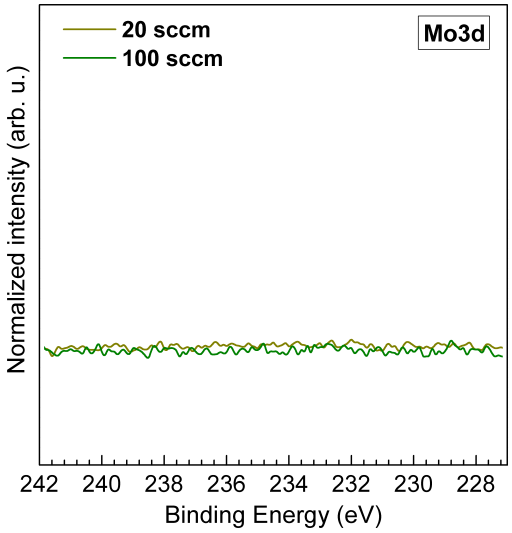

Fig. S4 The Mo 3d core level obtained from XPS spectra of N-doped SWCNTs synthesized from the flow rate of 20 sccm and 100 sccm.