

Figure S1. IR spectra of functionalised MWCNTs collected from KBr pellets.

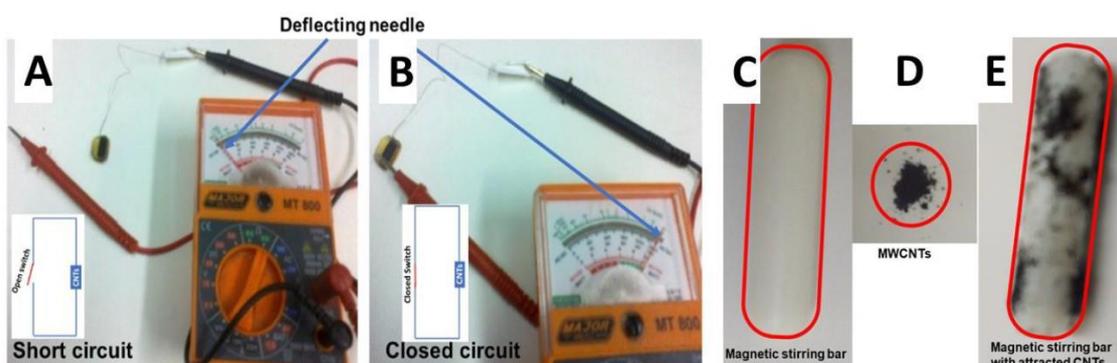


Figure S2. Magnetic properties of MWCNTs. Conducting meter with open (A) and closed circuit (B). Magnetic stirring bar (C). MWCNTs (D). Magnetic stirring bar attracting MWCNTs (E).

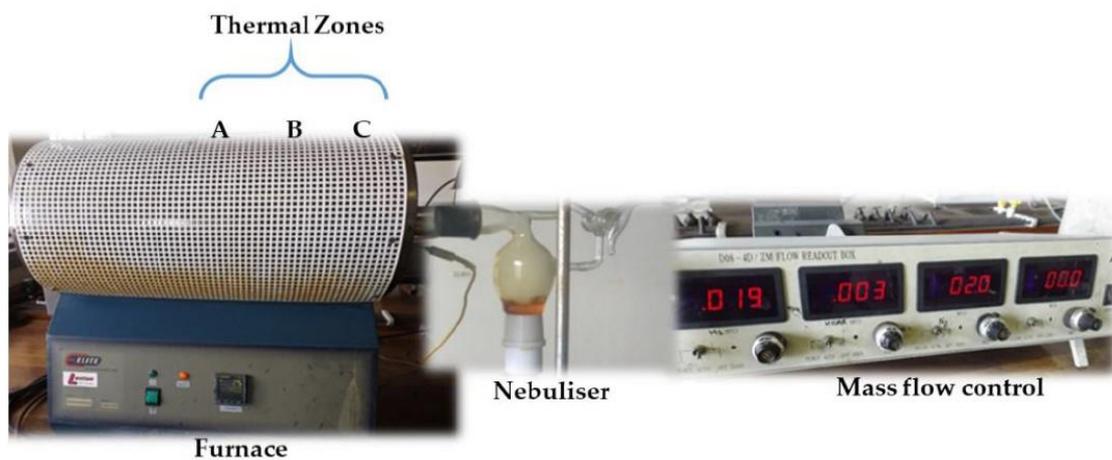


Figure S3. CVD set-up of the synthesis of VA-MWCNTs.

Table S1. BBDOE (A) Silicon Wafer and (B) Quartz Tube walls.

Optimal		Reaction	Carrier	Reaction
D	Hi	60.0	600.0	900.0
0.99156	Cur	[45.0]	[400.0]	[775.0]
	Lo	30.0	200.0	650.0
Wafer ma				
Maximum				
y = 11.80				
d = 1.0000				
Wafer le				
Maximum				
y = 270.3333				
d = 1.0000				
Wafer in				
Maximum				
y = 9.6667				
d = 1.0000				
Wafer ex				
Maximum				
y = 39.6667				
d = 0.96667				

Optimal		Reaction	Carrier	Reaction
D	Hi	60.0	600.0	900.0
1.0000	Cur	[60.0]	[200.0]	[900.0]
	Lo	30.0	200.0	650.0
QT mass				
Maximum				
y = 1446.9458				
d = 1.0000				
QT lengt				
Maximum				
y = 181.8333				
d = 1.0000				
QT int d				
Maximum				
y = 12.1250				
d = 1.0000				
QT ext d				
Maximum				
y = 45.1667				
d = 1.0000				