

UNIDYM PATENT PORTFOLIO

October 30, 2007

FUNDAMENTAL COMPOSITIONS OF MATTER		
COUNTRY	PATENT NO.	TITLE
US	7,150,864	ROPES COMPRISED OF SINGLE-WALLED AND DOUBLE-WALLED CARBON NANOTUBES
US	6,969,504	ELECTRICAL CONDUCTORS COMPRISING SINGLE-WALL CARBON NANOTUBES
US	7,070,754	ROPES OF SINGLE-WALL CARBON NANOTUBES
US	09/722,950 (Allowed)	ROPES OF SINGLE-WALL CARBON NANOTUBES
CA	2,231,367 (Allowed)	ROPES OF SINGLE-WALL CARBON NANOTUBES
JP	511359/97 (Allowed)	ROPES OF SINGLE-WALL CARBON NANOTUBES
EP	0 854 839	ROPES OF SINGLE-WALL CARBON NANOTUBES
US	7,008,563	POLYMER-WRAPPED SINGLE WALL CARBON NANOTUBES
US	7,264,876	POLYMER-WRAPPED SINGLE WALL CARBON NANOTUBES
US	7,048,903	MACROSCOPICALLY MANIPULABLE NANOSCALE DEVICES MADE FROM NANOTUBE ASSEMBLIES

NANOTUBE SYNTHESIS		
COUNTRY	PATENT NO.	TITLE
US	5,227,038	ELECTRIC ARC PROCESS FOR MAKING FULLERENES
US	5,300,203	PROCESS FOR MAKING FULLERENES BY THE LASER EVAPORATION OF CARBON
US	5,591,312	PROCESS FOR MAKING FULLERENE FIBERS
US	6,183,714	METHOD OF MAKING ROPES OF SINGLE-WALL CARBON NANOTUBES
US	7,204,970	SINGLE-WALL CARBON NANOTUBES FROM HIGH PRESSURE CO
US	6,761,870	GAS-PHASE NUCLEATION AND GROWTH OF SINGLE-WALL CARBON NANOTUBES FROM HIGH PRESSURE CO
KR	688138	GAS-PHASE NUCLEATION AND GROWTH OF SINGLE-WALL CARBON NANOTUBES FROM HIGH PRESSURE CO
CN	99814267.0 (Allowed)	GAS-PHASE NUCLEATION AND GROWTH OF SINGLE-WALL CARBON NANOTUBES FROM HIGH PRESSURE CO
US	6,692,717	CATALYTIC GROWTH OF SINGLE-WALL CARBON NANOTUBES FROM METAL PARTICLES
EP	1 115 655	CATALYTIC GROWTH OF SINGLE-WALL CARBON NANOTUBES FROM METAL PARTICLES
US	7,125,534	CATALYTIC GROWTH OF SINGLE- AND DOUBLE-WALL CARBON NANOTUBES FROM METAL PARTICLES
US	7,201,887	CATALYTIC GROWTH OF SINGLE- AND DOUBLE-WALL CARBON NANOTUBES FROM METAL PARTICLES
US	7,250,148	METHOD FOR MAKING SINGLE-WALL CARBON NANOTUBES USING SUPPORTED CATALYSTS
US	7,138,100	PROCESS FOR MAKING SINGLE-WALL CARBON NANOTUBES UTILIZING REFRACTORY PARTICLES
US	6,863,942	FREE-STANDING AND ALIGNED CARBON NANOTUBES AND SYNTHESIS THEREOF
US	6,129,901	CONTROLLED SYNTHESIS AND METAL-FILLING OF ALIGNED CARBON NANOTUBES
US	6,913,789	PROCESS UTILIZING PRE-FORMED CLUSTER CATALYST FOR MAKING SINGLE-WALL CARBON NANOTUBES
US	7,052,668	PROCESS UTILIZING SEEDS FOR MAKING SINGLE-WALL CARBON NANOTUBES
US	6,949,237	METHOD FOR GROWING SINGLE-WALL CARBON NANOTUBES UTILIZING SEED MOLECULES
US	6,756,025	METHOD FOR GROWING SINGLE-WALL CARBON NANOTUBES UTILIZING SEED MOLECULES
US	5,556,517	SOLAR PROCESS FOR MAKING FULLERENES

APPLICATION-ENABLING TECHNOLOGIES		
COUNTRY	PATENT NO.	TITLE
US	7,115,864	METHOD OF PURIFICATION OF AS-PRODUCED SINGLE-WALL CARBON NANOTUBES
US	6,936,233	METHOD OF PURIFICATION OF AS-PRODUCED SINGLE-WALL CARBON NANOTUBES
US	6,752,977	PROCESS FOR PURIFYING SINGLE-WALL CARBON NANOTUBES AND COMPOSITIONS THEREOF
US	7,090,819	GAS-PHASE PROCESS FOR PURIFYING SINGLE-WALL CARBON NANOTUBES AND COMPOSITIONS THEREOF
US	7,014,737	METHOD OF PURIFYING NANOTUBES AND NANOFIBERS USING ELECTROMAGNETIC RADIATION
US	7,052,666	METHOD FOR CUTTING SINGLE-WALL CARBON NANOTUBES
US	7,008,604	METHOD FOR CUTTING SINGLE-WALL CARBON NANOTUBES
US	7,029,646	METHOD FOR CUTTING SINGLE-WALL CARBON NANOTUBES THROUGH FLUORINATION
US	7,074,310	METHOD FOR SEPARATING SINGLE-WALL CARBON NANOTUBES AND COMPOSITIONS THEREOF
US	7,220,818	NONCOVALENT FUNCTIONALIZATION OF NANOTUBES
US	6,841,139	METHODS OF CHEMICALLY DERIVATIZING SINGLE-WALL CARBON NANOTUBES
US	6,875,412	CHEMICALLY MODIFYING SINGLE WALL CARBON NANOTUBES TO FACILITATE DISPERSAL IN SOLVENTS
US	6,835,366	CHEMICAL DERIVATIZATION OF SINGLE-WALL CARBON NANOTUBES TO FACILITATE SOLVATION THEREOF; AND USE OF DERIVATIZED NANOTUBES
US	6,827,918	DISPERSIONS AND SOLUTIONS OF FLUORINATED SINGLE-WALL CARBON NANOTUBES
US	6,645,455	CHEMICAL DERIVATIZATION OF SINGLE-WALL CARBON NANOTUBES TO FACILITATE SOLVATION THEREOF; AND USE OF DERIVATIZED NANOTUBES TO FORM CATALYST-CONTAINING SEED MATERIALS FOR USE IN MAKING CARBON FIBERS
US	10/716,721 (Allowed)	HIGH-YIELD METHOD OF ENDOHEDRALLY ENCAPSULATING SPECIES INSIDE FLUORINATED FULLERENE NANOCAGES
US	7,067,098	METHOD FOR FORMING AN ARRAY OF SINGLE-WALL CARBON NANOTUBES AND COMPOSITIONS THEREOF
US	7,108,841	METHOD FOR FORMING A PATTERNED ARRAY OF SINGLE-WALL CARBON NANOTUBES
US	6,986,876	METHOD FOR FORMING COMPOSITES OF SUB-ARRAYS OF SINGLE-WALL CARBON NANOTUBES
US	7,087,207	METHOD FOR FORMING AN ARRAY OF SINGLE-WALL CARBON NANOTUBES IN AN ELECTRIC FIELD AND COMPOSITIONS THEREOF
US	6,939,525	METHOD OF FORMING COMPOSITE ARRAYS OF SINGLE-WALL CARBON NANOTUBES AND COMPOSITIONS THEREOF
US	7,048,999	METHOD FOR PRODUCING SELF-ASSEMBLED OBJECTS COMPRISING SINGLE-WALL CARBON NANOTUBES AND COMPOSITIONS THEREOF
US	6,824,755	METHOD FOR PRODUCING A CATALYST SUPPORT AND COMPOSITIONS THEREOF
US	7,041,620	METHOD FOR PRODUCING A CATALYST SUPPORT AND COMPOSITIONS THEREOF
US	6,890,506	METHOD OF FORMING CARBON FIBERS
US	6,749,827	METHOD FOR GROWING CONTINUOUS FIBER
US	6,756,026	METHOD FOR GROWING CONTINUOUS CARBON FIBER AND COMPOSITIONS THEREOF
US	7,105,596	METHODS FOR PRODUCING COMPOSITES OF SINGLE-WALL CARBON NANOTUBES AND COMPOSITIONS THEREOF
US	11/045,240 (Allowed)	METHOD FOR MANUFACTURING SINGLE-WALL CARBON NANOTUBE TIPS

APPLICATIONS TECHNOLOGIES

COUNTRY	PATENT NO.	TITLE
US	7,265,174	HALOGEN CONTAINING-POLYMER NANOCOMPOSITE COMPOSITIONS, METHODS, AND PRODUCTS EMPLOYING SUCH COMPOSITIONS
EP	4760328.7 (Allowed)	CONDUCTIVE CARBON NANOTUBE-POLYMER COMPOSITE
US	6,683,783	CARBON FIBERS FORMED FROM SINGLE-WALL CARBON NANOTUBES
CA	2,283,502	CARBON FIBERS FORMED FROM SINGLE-WALL CARBON NANOTUBES
EP	1 015 384	CARBON FIBERS FORMED FROM SINGLE-WALL CARBON NANOTUBES
US	6,979,709	CONTINUOUS FIBER OF SINGLE-WALL CARBON NANOTUBES
US	7,097,820	CONTINUOUS FIBER OF SINGLE-WALL CARBON NANOTUBES
US	7,125,502	FIBERS OF ALIGNED SINGLE-WALL CARBON NANOTUBES AND PROCESSES FOR MAKING THE SAME
EP	2761036.9 (Allowed)	FIBERS OF ALIGNED SINGLE-WALL CARBON NANOTUBES AND PROCESSES FOR MAKING THE SAME
US	6,852,410	MACROSCOPIC FIBER COMPRISING SINGLE-WALL CARBON NANOTUBES AND ACRYLONITRILE-BASED POLYMER AND PROCESS FOR MAKING THE SAME
US	6,899,945	ENTANGLED SINGLE-WALL CARBON NANOTUBE SOLID MATERIAL AND METHODS FOR MAKING THE SAME
US	7,192,642	SINGLE-WALL CARBON NANOTUBE FILM HAVING HIGH MODULUS AND CONDUCTIVITY AND PROCESS FOR MAKING THE SAME
US	6,936,653	COMPOSITE MATERIAL COMPRISING POLAR POLYMERS AND SINGLE-WALL CARBON NANOTUBES
JP	3962376	COMPOSITE MATERIAL COMPRISING POLAR POLYMERS AND SINGLE-WALL CARBON NANOTUBES
US	6,900,264	COMPOSITIONS COMPRISING RIGID-ROD POLYMERS AND CARBON NANOTUBES AND PROCESS FOR MAKING THE SAME
EP	1 623 437 (Allowed)	COMPOSITE MATERIALS COMPRISING WATER-SOLUBLE POLYMERS INTERCALATED BY SINGLE-WALL CARBON NANOTUBES
US	7,205,069	MEMBRANE COMPRISING AN ARRAY OF SINGLE-WALL CARBON NANOTUBES
US	7,135,160	SPHEROIDAL AGGREGATES COMPRISING SINGLE-WALL CARBON NANOTUBES AND METHOD FOR MAKING THE SAME
US	6,790,425	MACROSCOPIC ORDERED ASSEMBLY OF CARBON NANOTUBES
KR	10-2001-7011810 (Allowed)	MACROSCOPIC ORDERED ASSEMBLY OF CARBON NANOTUBES
US	7,071,406	ARRAY OF SINGLE-WALL CARBON NANOTUBES
US	7,061,749	SUPERCAPACITOR HAVING ELECTRODE MATERIAL COMPRISING SINGLE-WALL CARBON NANOTUBES AND PROCESS FOR MAKING THE SAME