PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
Hyperion Catalysis International	08/01/2013

RECEIVING PARTY DATA

Name:	White Oak Global Advisors, LLC, as Administrative Agent
Street Address:	88 Kearny Street, 4th Floor
City:	San Francisco
State/Country:	CALIFORNIA
Postal Code:	94108

PROPERTY NUMBERS Total: 101

Property Type	Number
Application Number:	09481184
Application Number:	10023618
Application Number:	10940242
Application Number:	11265804
Application Number:	11841493
Application Number:	07694244
Application Number:	08466878
Application Number:	08463880
Application Number:	08463879
Application Number:	08320564
Application Number:	08447355
Application Number:	11218209
Application Number:	11841596
Application Number:	13023095
Application Number:	09410984

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Application Number:	10517748
Application Number:	11841812
Application Number:	13325560
Application Number:	08128793
Application Number:	08447501
Application Number:	08447354
Application Number:	09797528
Application Number:	08420330
Application Number:	08407266
Application Number:	08456657
Application Number:	10888942
Application Number:	11841761
Application Number:	11116061
Application Number:	11731692
Application Number:	09809930
Application Number:	11412350
Application Number:	12893420
Application Number:	11515264
Application Number:	08856657
Application Number:	10131655
Application Number:	08040895
Application Number:	08220276
Application Number:	08478823
Application Number:	08854918
Application Number:	08459534
Application Number:	08477576
Application Number:	11841577
Application Number:	08651617
Application Number:	08612930
Application Number:	10099243
Application Number:	08656067
Application Number:	11841733
Application Number:	11841952
Application Number:	11693203
Application Number:	11841359

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Application Number:	11693261
Application Number:	61786776
Application Number:	11909614
Application Number:	11743634
Application Number:	08469430
Application Number:	08464278
Application Number:	09783173
Application Number:	10776140
Application Number:	11717226
Application Number:	11281571
Application Number:	11608359
Application Number:	11271422
Application Number:	11841449
Application Number:	11841676
Application Number:	10150370
Application Number:	10005586
Application Number:	10873739
Application Number:	09882464
Application Number:	11841626
Application Number:	61786833
Application Number:	08611367
Application Number:	09056102
Application Number:	08463295
Application Number:	11841539
Application Number:	11259989
Application Number:	11841760
Application Number:	09903189
Application Number:	10863968
Application Number:	11334886
Application Number:	11841640
Application Number:	09988973
Application Number:	08462869
Application Number:	09607126
Application Number:	10974161

	11220873
Application Number:	09839932
Application Number:	12358772
Application Number:	08331330
Application Number:	08857383
Application Number:	09500740
Application Number:	10164682
Application Number:	08612924
Application Number:	08506250
Application Number:	11602136
Application Number:	08447948
Application Number:	08963406
Application Number:	09368783
Application Number:	08428496
Application Number:	08468849
Application Number:	08141389

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	3607165
NAME OF SUBMITTER:	Richard Kalwa
Signature:	/richard kalwa/
Date:	08/16/2013

Total Attachments: 37
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PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT (as amended, supplemented and/or otherwise modified from time to time, this *"Agreement"*), dated as of August 1, 2013, is between HYPERION CATALYSIS INTERNATIONAL, a California corporation (the *"Grantor"*), and WHITE OAK GLOBAL ADVISORS, LLC, a Delaware limited liability company ("*Administrative Agent*"), as Administrative Agent for the benefit of the Lenders party to that certain Loan Agreement (as hereinafter defined).

RECITALS

A. Grantor has previously entered into or is in the process of entering into that certain Loan and Security Agreement, dated as of August 1, 2013 (as amended, supplemented and/or otherwise modified from time to time, the "*Loan Agreement*"), among Borrowers (as hereinafter defined), the entities which from time to time are parties thereto as Guarantors, the financial institutions which from time to time are parties thereto as Lenders, and Administrative Agent, pursuant to which Lenders have agreed, subject to certain terms and conditions, to extend various financial accommodations to Grantor, WELLSTAT BIOCATALYSIS, LLC, a Delaware limited liability company, WELLSTAT BIOLOGICS CORPORATION, a Delaware corporation, WELLSTAT IMMUNOTHERAPEUTICS, LLC, a Delaware limited liability company, WELLSTAT MANAGEMENT COMPANY, LLC, a Delaware limited liability company, WELLSTAT AVT INVESTMENT LLC, a Delaware limited liability company, WELLSTAT THERAPEUTICS CORPORATION, a Delaware corporation, WELLSTAT VACCINES, LLC, a Delaware limited liability company, DUCK FARM, INC., a Virginia corporation, HEBRON VALLEY FARMS, INC., a Virginia corporation, SJW PROPERTIES, INC., a Virginia corporation, HVF, INC., a Virginia corporation, NHW, LLC, a Virginia limited liability company, NADINE WOHLSTADTER, an individual, and SAMUEL J. WOHLSTADTER, an individual (the foregoing persons, collectively, "*Borrowers*").

B. Pursuant to the Loan Agreement, Grantor grants, pledges and assigns to Administrative Agent for the benefit of the Lenders a security interest in, among other assets, the Intellectual Property (as defined in the Loan Agreement) owned by Grantor.

C. Grantor has duly authorized the execution, delivery and performance of this Agreement.

NOW THEREFORE, for good and valuable consideration (the receipt and sufficiency of which are hereby acknowledged), and in order to induce Lenders to extend credit to Borrowers pursuant to the Loan Agreement, Grantor agrees, for the benefit of Administrative Agent, as follows:

Section 1. *Definitions*. Unless the context otherwise requires, each capitalized term used but not otherwise defined herein has the meaning ascribed thereto in the Loan Agreement.

Section 2. *Grant of Security Interest*. For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, to secure the prompt payment and performance when due of all of the Obligations, Grantor hereby grants, pledges and assigns a security interest to Administrative Agent in and to, all of the following, whether now owned or hereafter acquired (collectively, the "*Patent Collateral*"):

(a) all letters patent of the United States or any other country, all registrations and recordings thereof, and all applications for letters patent of the United States or any other country, including registrations, recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State or Territory thereof, or any other country, including without limitation, those patents and patent applications listed on **Schedule A** attached hereto (all of the foregoing are sometimes hereinafter individually and/or collectively referred to as the *"Patents"*);

(b) subject to the terms of the Loan Agreement, all rights under or interest in any patent license agreements with any other party, if any, whether Grantor is a licensee or licensor under any such license agreement (all of the foregoing are hereinafter referred to collectively as the *"Patent Licenses"*); and

(c) all income, royalties, damages, payments and proceeds at any time due or payable to Grantor or asserted for the benefit of Grantor under and with respect to any of the foregoing, including, without limitation, all rights to sue and recover at law or in equity for any past, present and future infringement, misappropriation, dilution, violation or other impairment thereof.

Section 3. *New Patents*. If, before the Obligations shall have been paid in full, Grantor shall obtain rights to any new Patents or Patent Licenses, the provisions of **Section 2** shall automatically apply thereto. Grantor shall promptly update **Schedule A** attached hereto as necessary, but no more frequently than once per fiscal quarter, and provide written notice to Administrative Agent of such updates on a fiscal quarterly basis. Grantor authorizes Administrative Agent to modify this Agreement by amending **Schedule A** attached hereto to reflect such updates.

Section 4. *Administrative Agent's Right to Sue*. Grantor shall have the right to bring any opposition proceedings, cancellation proceedings, or lawsuit in its own name to enforce or protect the Patents, provided that during the continuance of an Event of Default, Grantor shall seek the prior written consent of Administrative Agent, which will not be unreasonably withheld, in which event Administrative Agent may, if necessary, be joined as a nominal party to such suit if Administrative Agent shall have been satisfied that it is not thereby incurring any risk of liability because of such joinder. Grantor hereby agrees that, notwithstanding anything to the contrary contained herein or in the Loan Documents, as between Grantor and Administrative Agent, Grantor shall assume full and complete responsibility for the prosecution, defense, enforcement or any other necessary or desirable actions in connection with all or any of the Patent Collateral so long as Grantor is the owner of such Patent Collateral. Grantor shall promptly, upon demand, reimburse and indemnify Administrative Agent for all damages, costs, and expenses, including attorneys' fees, incurred by Administrative Agent in the fulfillment of the provisions of this **Section 4**.

Section 5. *Loan Agreement*. This Agreement has been executed and delivered by Grantor for the purpose of registering the security interest of Administrative Agent in the Patent Collateral with the United States Patent and Trademark Office. The security interest granted hereby has been granted as a supplement to, and not in limitation of, the security interest granted to Lenders under the Loan Agreement. The Loan Agreement (and all rights and remedies of each Lender thereunder) shall remain in full force and effect in accordance with its terms and is incorporated herein by this reference.

Section 6. *Release of Security Interest.* Upon the payment in full of the Obligations or otherwise in accordance with the terms of the Loan Agreement, the Patent Collateral shall be released from the security interest granted hereby and in the Loan Agreement, and all obligations of Grantor hereunder shall terminate, all without delivery of any instrument or performance of any act by any party, and all right, title and interest in and to the Patent Collateral shall revert to Grantor. At the request of Grantor, Administrative Agent shall promptly execute and deliver to Grantor all instruments and other documents as may be reasonably necessary to release the security interest in and to the Patent Collateral that has been granted hereunder.

Section 7. *Acknowledgment.* Grantor does hereby further acknowledge and affirm that the rights and remedies of Administrative Agent with respect to the security interest in the Patent Collateral granted hereby are more fully set forth in the Loan Agreement, the terms and provisions of which (including the remedies provided for therein) are incorporated herein by this reference.

Section 8. *Loan Document.* This Agreement is a Loan Document executed pursuant to the Loan Agreement and shall (unless otherwise expressly indicated herein) be construed, administered and applied in accordance with the terms and provisions of the Loan Agreement.

Section 9. *Counterparts.* This Agreement may be executed in counterparts (and by the different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract.

SECTION 10. *GOVERNING LAW; JURISDICTION; ETC.*

(a) *GOVERNING LAW.* THIS AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK, WITHOUT REGARD TO PRINCIPLES OF CONFLICTS OF LAW OTHER THAN NEW YORK GENERAL OBLIGATIONS LAW 5-1401 AND 5-1402).

(b) *SUBMISSION TO JURISDICTION.* EACH PARTY HERETO IRREVOCABLY AND UNCONDITIONALLY SUBMITS, FOR ITSELF AND ITS PROPERTY, TO THE NONEXCLUSIVE JURISDICTION OF THE COURTS OF THE SUPREME COURT OF THE STATE OF NEW YORK SITTING IN NEW YORK COUNTY IN THE BOROUGH OF MANHATTAN AND OF THE UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF NEW YORK, AND ANY APPELLATE COURT FROM ANY THEREOF, IN ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS AGREEMENT OR ANY OTHER LOAN DOCUMENT TO WHICH EACH IS A PARTY, OR FOR RECOGNITION OR ENFORCEMENT OF ANY JUDGMENT, AND EACH OF THE PARTIES HERETO IRREVOCABLY AND UNCONDITIONALLY AGREES THAT ALL CLAIMS IN RESPECT OF ANY SUCH ACTION OR PROCEEDING MAY BE HEARD AND DETERMINED IN SUCH STATE COURTS OR, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAWS, IN SUCH FEDERAL COURTS. EACH OF THE PARTIES HERETO AGREES THAT A FINAL JUDGMENT IN ANY SUCH ACTION OR PROCEEDING SHALL BE CONCLUSIVE AND MAY BE ENFORCED IN OTHER JURISDICTIONS BY SUIT ON THE JUDGMENT OR IN ANY OTHER MANNER PROVIDED BY LAW. NOTHING IN THIS AGREEMENT OR IN ANY OTHER LOAN DOCUMENT SHALL AFFECT ANY RIGHT THAT ADMINISTRATIVE AGENT OR ANY OTHER LENDING PARTY MAY OTHERWISE HAVE TO BRING ANY ACTION OR PROCEEDING RELATING TO THIS AGREEMENT OR ANY OTHER LOAN DOCUMENT AGAINST ANY LOAN PARTY OR ANY OF ITS PROPERTIES IN THE COURTS OF ANY OTHER JURISDICTION.

(c) *WAIVER OF VENUE*. EACH PARTY HERETO IRREVOCABLY AND UNCONDITIONALLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAWS, ANY OBJECTION THAT IT MAY NOW OR HEREAFTER HAVE TO THE LAYING OF VENUE OF ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS AGREEMENT OR ANY OTHER LOAN DOCUMENT IN ANY COURT REFERRED TO IN SUBSECTION (B) OF THIS **SECTION 10**. EACH OF THE PARTIES HERETO HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAWS, THE DEFENSE OF AN INCONVENIENT FORUM TO THE MAINTENANCE OF SUCH ACTION OR PROCEEDING IN ANY SUCH COURT.

(d) *SERVICE OF PROCESS*. EACH PARTY HERETO IRREVOCABLY CONSENTS TO SERVICE OF PROCESS IN THE MANNER PROVIDED FOR NOTICES IN **SECTION 10.02** OF THE LOAN AGREEMENT. NOTHING IN THIS AGREEMENT WILL AFFECT THE RIGHT OF ANY PARTY HERETO TO SERVE PROCESS IN ANY OTHER MANNER PERMITTED BY APPLICABLE LAWS.

SECTION 11. *WAIVER OF RIGHT TO JURY TRIAL*.

TO THE EXTENT PERMITTED BY APPLICABLE LAWS, EACH OF THE PARTIES HERETO HEREBY WAIVES ITS RIGHT TO A JURY TRIAL OF ANY CLAIM.

[SIGNATURE PAGE FOLLOWS.]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the day and year first written above.

WHITE OAK GLOBAL ADVISORS, LLC,
as Administrative Agent

By: _____
Name: Andre Hallock
Title: Managing Member

HYPERION CATALYSIS INTERNATIONAL,
as Grantor

By: _____
Name: _____
Title: _____

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the day and year first written above.

WHITE OAK GLOBAL ADVISORS, LLC,
as Administrative Agent

By: _____
Name: _____
Title: Managing Member

HYPERION CATALYSIS INTERNATIONAL,
as Grantor

By: Nadine Wohlstadter
Name: Nadine Wohlstadter
Title: President

SCHEDULE A
TO PATENT SECURITY AGREEMENT

PATENTS

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
3995	JP	2001-551611	7/12/2000	From PCT/US00/19121 [FILE 3991]	CARBIDE AND OXYCARBIDE BASED COMPOSITIONS, RIGID POROUS STRUCTURES INCLUDING THE SAME, AND METHODS OF MAKING AND USING THE SAME	4611595	10/22/2010
3970	US	09/481,184	1/12/2000	From provisional 60/115,735 filed 1/12/1999 [same case number 3970]-Original Filing	CARBIDE AND OXYCARBIDE BASED COMPOSITIONS, RIGID POROUS STRUCTURES INCLUDING THE SAME, METHODS OF MAKING AND USING THE SAME	6,514,897	2/4/2003
3973	AU	25040/00	1/12/2000	From PCT US00/00753 [FILE 3971]	CARBIDE AND OXYCARBIDE BASED COMPOSITIONS, RIGID POROUS STRUCTURES INCLUDING THE SAME, METHODS OF MAKING AND USING THE SAME	764311	12/4/2003
3975	JP	2000-593411	7/12/2001	From PCT/US00/00753 [FILE 3971] priority from US60/115,753 [FILE 3970]	CARBIDE AND OXYCARBIDE BASED COMPOSITIONS, RIGID POROUS STRUCTURES INCLUDING THE SAME, METHODS OF MAKING AND USING THE SAME	4689045	2/25/2011
3977	MX	2001/007030	1/12/2000	From PCT/US00/00753 [FILE 3971] priority from US60/115,753 [FILE 3970]	CARBIDE AND OXYCARBIDE BASED COMPOSITIONS, RIGID POROUS STRUCTURES INCLUDING THE SAME, METHODS OF MAKING AND USING THE SAME	231595	10/24/2005
4230	US	10/023,618	12/18/2001	CIP of 09/615,350 [FILE 3990] CIP of 09/481,184 [FILE 3970] which is from provisional 60/115,735 filed 1/12/1999 [same case number 3970]	CARBIDE AND OXYCARBIDE BASED COMPOSITIONS, RIGID POROUS STRUCTURES INCLUDING THE SAME, METHODS OF MAKING AND USING THE SAME	6,809,229	10/26/2004
4240	US	10/940,242	9/14/2004	Continuation of 10/023,618 [FILE 4230] which is CIP of 09/615,350 [FILE 3990] CIP of 09/481,184 [FILE 3970] which is from provisional 60/115,735 filed 1/12/1999 [same case number 3970]	CARBIDE AND OXYCARBIDE BASED COMPOSITIONS, RIGID POROUS STRUCTURES INCLUDING THE SAME, METHODS OF MAKING AND USING THE SAME	7,230,149	6/12/2007
3393	JP	529697/96	9/30/1997	From PCT/US96/04366 (FILE-3391)	CARBIDE NANOFIBRILS AND METHOD OF MAKING SAME	3798020	4/28/2006

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
3394	BE	96911491.7	3/29/1996	Designated country from EP [FILE - 3392] which is from PCT/US96/04366 (FILE-3391)	CARBIDE NANOFIBRILS AND METHOD OF MAKING SAME	0817874	5/28/2003
3395	DE	96911491.7	3/29/1996	Designated country from EP [FILE - 3392] which is from PCT/US96/04366 (FILE-3391)	CARBIDE NANOFIBRILS AND METHOD OF MAKING SAME	0817874	5/28/2003
3396	FR	96911491.7	3/29/1996	Designated country from EP [FILE - 3392] which is from PCT/US96/04366 (FILE-3391)	CARBIDE NANOFIBRILS AND METHOD OF MAKING SAME	0817874	5/28/2003
3397	IT	96911491.7	3/29/1996	Designated country from EP [FILE - 3392] which is from PCT/US96/04366 (FILE-3391)	CARBIDE NANOFIBRILS AND METHOD OF MAKING SAME	0817874	5/28/2003
3398	NL	96911491.7	3/29/1996	Designated country from EP [FILE - 3392] which is from PCT/US96/04366 (FILE-3391)	CARBIDE NANOFIBRILS AND METHOD OF MAKING SAME	0817874	5/28/2003
3399	UK	96911491.7	3/29/1996	Designated country from EP [FILE - 3392] which is from PCT/US96/04366 (FILE-3391)	CARBIDE NANOFIBRILS AND METHOD OF MAKING SAME	0817874	5/28/2003
3400	US	11/265,804	11/2/2005	CON of 10/725,225, filed December 1, 2003 [FILE 33901] CON of 08/414,369, filed March 31, 1995 [FILE 3390]	CARBIDE NANOFIBRILS AND METHOD OF MAKING SAME	7,393,514	7/1/2008
3420	US	11/841,493	8/20/2007	Con of 11/265,804, filed November 2, 2005 which is a con of 10/725,225, filed December 1, 2003 [FILE 33901] CON of 08/414,369, filed March 31, 1995 [FILE 3390]	CARBIDE NANOFIBRILS AND METHOD OF MAKING SAME	7,862,790	1/4/2011

Hyperion Catalysis International, Inc.

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
2100	US	07/694,244	5/1/1991	CON of 07/494,894, filed 3/13/90 (abnd); CON of 07/149,573, filed 1/28/88 (abnd); CIP of 06/872,215, filed 6/6/86 (FILE - 2091) (abnd); CIP of 07/678,701, filed 12/6/84 (patent 4,663,230); CIP of 06/871,676, filed 6/6/86 (abnd);CIP of 06/871,675, filed 6/6/86 (abnd)	CARBON FIBRILS	5,707,916	1/13/1998
3080	US	08/466,878	6/6/1995	CON of 07/978,634, filed 11/19/92 (abnd); DIV of 07/593,319, filed 10/1/90 (patent 5,165,909); CON of 06/871,676, filed 6/6/86 (abnd); CIP of 06/678,701, filed 12/6/84 (patent 4,663,230)	CARBON FIBRILS, METHOD FOR PRODUCING SAME AND ADHESIVE COMPOSITIONS CONTAINING SAME	5,589,152	12/31/1996
3081	US	08/463,880	6/5/1995	DIV of 07/978,634, filed 11/19/92 (abnd); DIV of 07/593,319, filed 10/1/90 (patent 5,165,909); CON of 06/871,676, filed 6/6/86 (abnd); CIP of 06/678,701, filed 12/6/84 (patent 4,663,230)	CARBON FIBRILS, METHOD FOR PRODUCING SAME AND ADHESIVE COMPOSITIONS CONTAINING SAME	5,650,370	7/22/1997
3083	US	08/463,879	6/5/1995	DIV of 07/978,634, filed 11/19/92 (abnd); DIV of 07/593,319, filed 10/1/90 (patent 5,165,909); CON of 06/871,676, filed 6/6/86 (abnd); CIP of 06/678,701, filed 12/6/84 (patent 4,663,230)	CARBON FIBRILS, METHOD FOR PRODUCING SAME AND ADHESIVE COMPOSITIONS CONTAINING SAME	5,578,543	11/26/1996
3060	US	08/320,564	10/11/1994	CON of 07/887,314, filed 5/22/92 (abnd)	CATALYST SUPPORTS, SUPPORTED CATALYSTS AND METHODS OF MAKING AND USING THE SAME	5,569,635	10/29/1996
3075	US	08/447,355	5/23/1995	DIV of 08/320,564, filed 10/11/94 (FILE -3060); CON of 07/887,314 filed 5/22/92	CATALYST SUPPORTS, SUPPORTED CATALYSTS AND METHODS OF MAKING AND USING THE SAME	6,159,892	12/12/2000
2206	KR	700171/1992	7/26/1990	From PCT/US90/04211 (File 2201)	COMPOSITES AND METHODS FOR MAKING SAME	194543	2/9/1999

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
9424	CA	2,622,559	9/15/2006	From PCT/US06/035922 [FILE 9421] which is from Provisional Appln Ser. No. 60/717,798 [FILE 9420PRV]	CONDUCTIVE SILICONE AND METHODS FOR PREPARING SAME		
9390	US	11/218,209	8/31/2005	From Provisional Appln. No. 60/605,769 [FILE 9390PRV]	CONDUCTIVE THERMOSETS BY EXTRUSION	7,566,749	7/28/2009
9396	KR	7007090/2007	8/31/2005	From PCT/US05/031041 [FILE 9391] filed 8/31/2005 which is from Provisional Appln. No. 60/605,769 [FILE 9390PRV]	CONDUCTIVE THERMOSETS BY EXTRUSION	1135672	4/4/2012
9397	MX	MX/a/2007/02356	8/31/2005	From PCT/US05/031041 [FILE 9391] filed 8/31/2005 which is from Provisional Appln. No. 60/605,769 [FILE 9390PRV]	CONDUCTIVE THERMOSETS BY EXTRUSION	275963	5/18/2010
9398	CN	200580036674.6	8/31/2005	From PCT/US05/03104 [FILE 9391] filed 8/31/2005 which is from Provisional Appln. No. 60/605,769 [FILE 9390PRV]	CONDUCTIVE THERMOSETS BY EXTRUSION		
9399	SG	200701257-8	8/31/2005	From PCT/US05/031041 [FILE 9391] filed 8/31/2005 which is from Provisional Appln. No. 60/605,769 [FILE 9390PRV]	CONDUCTIVE THERMOSETS BY EXTRUSION	130281	11/30/2010
9400	US	11/841,596	8/20/2007	Con of 11/218,209, filed 8/31/2005 which is from Provisional Appln. No. 60/605,769 [FILE 9390PRV]	CONDUCTIVE THERMOSETS BY EXTRUSION	7,910,650	3/22/2011
9400-C1	US	13/023,095	2/8/2011	Con of 11/841,596, filed 8/20/2007 which is from Con of 11/218,209, filed 8/31/2005 which is from Provisional Appln. No. 60/605,769 [FILE 9390PRV]	CONDUCTIVE THERMOSETS BY EXTRUSION	8,163,831	4/24/2012
3620	US	09/410,984	10/1/1999	Con or DIV of 08/856,657 filed May 15, 1997 now U.S. Patent No. 6,031.711 [FILE - 3600]	ELECTROCHEMICAL CAPACITORS HAVING ELECTRODES WITH DIVERSE REDOX POTENTIALS (formerly entitled) GRAPHITIC NANOFIBERS IN ELECTROCHEMICAL CAPACITORS	6,414.836	7/2/2002

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
9330	US	10/517,748	6/14/2002	From Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	8,083,970	12/27/2011
9332	EP	03737146.5	6/16/2003	From PCT/US03/19068 filed 6/16/03 [9331] priority from Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	1514280	5/30/2007
9334	AU	2003238250	6/16/2003	From PCT/US03/19068 filed 6/16/03 [9331] priority from Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	2003238250	9/24/2009
9336	KR	7020166/2004	6/16/2003	From PCT/US03/19068 filed 6/16/03 [9331] priority from Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	1037592	5/23/2011
9337	CN	3819456.2	6/16/2003	From PCT/US03/19068 filed 6/16/03 [9331] priority from Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	ZL03819456.2	3/12/2008
9338	IN	01897/KOLNP/04	6/16/2003	From PCT/US03/19068 filed 6/16/03 [9331] priority from Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	231397	3/4/2009
9339	MX	pa/A/2004/012373	6/16/2003	From PCT/US03/19068 filed 6/16/03 [9331] priority from Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	247755	8/3/2007
9340	US	11/841,812	8/20/2007	DIV of 10/517,748 filed 12/13/2004 [FILE 9330] which is s 371 From PCT/US03/19068 filed 6/16/03 [9331] priority from Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	7,852,613	12/14/2010

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
93321	BE	03737146.5	6/16/2003	Designated country from EPO [FILE 9332] which is from PCT/US03/19068 filed 6/16/03 [9331] priority from Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	1514280	5/30/2007
93322	DE	03737146.5	6/16/2003	Designated country from EPO [FILE 9332] which is from PCT/US03/19068 filed 6/16/03 [9331] priority from Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	1514280	5/30/2007
93323	FR	03737146.5	6/16/2003	Designated country from EPO [FILE 9332] which is from PCT/US03/19068 filed 6/16/03 [9331] priority from Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	1514280	5/30/2007
93324	GB	03737146.5	6/16/2003	Designated country from EPO [FILE 9332] which is from PCT/US03/19068 filed 6/16/03 [9331] priority from Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	1514280	5/30/2007
93326	IT	03737146.5	6/16/2003	Designated country from EPO [FILE 9332] which is from PCT/US03/19068 filed 6/16/03 [9331] priority from Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	1514280	5/30/2007
93327	NL	03737146.5	6/16/2003	Designated country from EPO [FILE 9332] which is from PCT/US03/19068 filed 6/16/03 [9331] priority from Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	1514280	5/30/2007
9330C1	US	13/325,560	12/14/2011	Con of 10/517,748 [9330], which is From Provisional Application No. 60/388,616 [Same file no. 9330]; original filing	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS		

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
1068	US	08/128,793	9/29/1993		ELECTROSTATIC DISCHARGE REDUCTION IN ENERGETIC COMPOSITIONS	5,547,525	8/20/1996
2271	US	08/447,501	5/23/1995	DIV of 08/284,917, filed 8/2/94 (patent 5,456,897); CON of 07/855,122, filed 3/18/92 (abnd); CON of 07/413,837, filed 9/28/89 (abnd)	FIBRIL AGGREGATES AND METHOD FOR MAKING SAME	6,358,878	3/19/2002
2272	US	08/447,354	5/23/1995	DIV of 08/284,917, filed 8/2/94 (patent 5,456,897); CON of 07/855,122, filed 3/18/92 (abnd); CON of 07/413,837, filed 9/28/89 (abnd)	FIBRIL AGGREGATES AND METHOD FOR MAKING SAME	5,726,116	3/10/1998
3770	US	09/797,528	3/1/2001	DIV of U.S. Application Serial No. 08/869.124 [FILE 3760]	FIBRIL COMPOSITE ELECTRODE FOR ELECTROCHEMICAL CAPACITORS	6,491,789	12/10/2002
2160	US	08/420,330	4/11/1995	CON of 08/129,807, filed 9/30/93; CIP of 07/872,215, filed 4/22/92 (patent 5,292,760); CON of 07/386,828, filed 7/27/89; CIP of 07/149,573, filed 1/28/88	FIBRIL FILLED ELASTOMER COMPOSITIONS	6,403,696	6/11/2002
2150	US	08/407,266	3/20/1995	CON of 08/132.127, filed 10/5/93 (abnd); CON of 07/859,611, filed 3/23/92 (abnd); CON of 07/385,835, filed 7/27/89 (abnd); CIP of 07/149,573, filed 1/28/88 (abnd); CIP of 06/872,215, filed 6/6/86 (abnd); CIP of 06/678,701, filed 12/6/84 (patent 4,663,230)	FIBRIL FILLED MOLDING COMPOSITIONS	5,611,964	3/18/1997
2151	US	08/456,657	6/2/1995	DIV of 08/407,266, filed 3/20/95; CON of 08/132,127, filed 10/5/93 (abnd); CON of 07/859,611, filed 3/23/92; CON of 07/385,835, filed 7/27/89; CIP of 07/149,573, filed 1/28/88	FIBRIL FILLED MOLDING COMPOSITIONS	6,464,908	10/15/2002

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
9360	US	10/888,942	7/9/2004	From Provisional Appln. No. 60/485,918, filed 7/9/03 [Filed by Hyperion] ; CIP of PCT/US03/19068, filed 6/16/03 [Filed by Hyperion?]; from US Provisional 60/388,616 filed 6/14/02 [FILE 9330]; CIP of 10/171,760, filed 6/14/02 [FILE 9270] from U.S. Provisional 60/298,193, filed 6/14/01 [FILE 9270]; CIP of 10/171,773, filed 6/14/02 [FILE 9240] from U.S. Provisional 60/298.l228 filed 6/14/01 [FILE 9240	FIELD EMISSION DEVICES MADE WITH LASER AND/OR PLASMA TREATED CARBON NANOTUBE MATS, FILMS OR INKS	7,341,498	3/11/2008
9369	MX	PA/a/2006/000248	7/9/2004	From PCT/US04/21878 [FILE 9361] which is from From Provisional Appln. No. 60/485.918, filed 7/9/03 [Filed by Hyperion]	FIELD EMISSION DEVICES MADE WITH LASER AND/OR PLASMA TREATED CARBON NANOTUBE MATS, FILMS OR INKS	289862	9/2/2011
9370	US	11/841,761	8/20/2007	DIV of 10/888,942 filed 7/9/04 {FILE 9360] which is from Provisional Appln. No. 60/485.918, filed 7/9/03 [Filed by Hyperion] ; CIP of PCT/US03/19068, filed 6/16/03 [Filed by Hyperion?]; from US Provisional 60/388,616 filed 6/14/02 [FILE 9330]; CIP of 10/171,760, filed 6/14/02 [FILE 9270] from U.S. Provisional 60/298,193, filed 6/14/01 [FILE 9270]; CIP of 10/171,773, filed 6/14/02 [FILE 9240] from U.S. Provisional 60/298.l228 filed 6/14/01 [FILE 9240]	FIELD EMISSION DEVICES MADE WITH LASER AND/OR PLASMA TREATED CARBON NANOTUBE MATS, FILMS OR INKS	7,880,376	2/1/2011
93677	IN	6986/CHENP/2008	7/9/2004	DIV of 494/CHENP/2006 [FILE 9367] which is from From PCT/US04/21878 [FILE 9361] which is from From Provisional Appln. No. 60/485,918, filed 7/9/03 [Filed by Hyperion]	FIELD EMISSION DEVICES MADE WITH LASER AND/OR PLASMA TREATED CARBON NANOTUBE MATS, FILMS OR INKS		

Hyperion Catalysis International, Inc.

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
9250	US	11/116,061	4/27/2005	DIV of 10/171,773 filed 6/14/02; which is from provisional application no. 60/298,228, filed 6/14/01 [9240]	FIELD EMISSION DEVICES USING ION BOMBARDED CARBON NANOTUBES	7,585,199	9/8/2009
9278	KR	7016414/2003	6/14/2002	From PCT/US02/19021 [FILE 9271] which is from provisional application No. 60/298,193 filed 6/14/01 [FILE 9270]	FIELD EMISSION DEVICES USING MODIFIED CARBON NANOTUBES	1005267	12/24/2010
9281	US	11/731,692	3/30/2007	CON OF 11/197,898 filed 8/4/2005 which is a CON of 10/171,760 filed 6/14/2002 [FILE 9270] which is from Provisional Application No. 60/298,193 filed 6/14/01	FIELD EMISSION DEVICES USING MODIFIED CARBON NANOTUBES	7,960,904	6/14/2011
92771	IN	1505/KOLNP/2008	6/14/2002	DIV of 01618/KOL NP/2003 [FILE 9277] which is from PCT/US02/19021 [FILE 9271] which isfrom provisional application No. 60/298,193 filed 6/14/01 [FILE 9270]	FIELD EMISSION DEVICES USING MODIFIED CARBON NANOTUBES		
4190	US	09/809,930	3/16/2001	Provisional Appln. Original Filing on March 17, 2000; regular patent application filed on March 16, 2001	FUELS AND LUBRICANTS CONTAINING CARBON NANOTUBES	6,419,717	7/16/2002
3344	KR	703805/1997	6/7/1997	From PCT/US95/16159 (FILE - 3341)	FUNCTIONALIZED FIBRILS	263027	5/10/2000
3351	US	11/412,350	4/26/2006	DIV of 09/594,673 [FILE - 3350] which is a DIV of 08/352,400 [FILE - 3340]	FUNCTIONALIZED FIBRILS	7,854,945	12/21/2010
3579	KR	706954/1998	9/4/1998	From PCT/US97/03553 (FILE - 3571)	FUNCTIONALIZED NANOTUBES	469868	1/25/2005
3582	MX	987163	9/3/1998	From PCT/US97/03553 (FILE - 3571)	FUNCTIONALIZED NANOTUBES	220022	4/21/2004
10001	US	12/893,420	9/29/2010	From Original Provisional Patent Application 61/246,836, filed Sept. 29, 2009 [FILE - 10001P]	GASKET CONTAINING CARBON NANOTUBES		

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
3310	US	11/515,264	8/31/2006	CON of 10/601,033, filed June 20, 2003 which is a continuation of 08/612,014, filed August 29, 1996 which is a 371 national stage of PCT/US94/10169 filed September 9, 1994 which is the international stage of JP Appln. No. 5-226043, filed September 10, 1993	GRAPHITE FIBRIL MATERIAL		
3606	CN	97196478.5	5/15/1997	From PCT/US97/08256 (FILE - 3601)	GRAPHITIC NANOFIBERS IN ELECTROCHEMICAL CAPACITORS		
3600	US	08/856,657	5/15/1997	PRO filed 5/15/96, 60/017,609; Continuation appln. Filed Oct. 1, 1999; Ser. No. 09/410,984 [FILE3620]	GRAPHITIC NANOFIBERS IN ELECTROCHEMICAL CAPACITORS	6,031,711	2/29/2000
3603	AU	31272/97	5/15/1997	From PCT/US97/08256 (FILE - 3601)	GRAPHITIC NANOFIBERS IN ELECTROCHEMICAL CAPACITORS	721291	10/12/2000
3605	CA	2,254,911	5/15/1997	From PCT/US97/08256 (FILE - 3601)	GRAPHITIC NANOFIBERS IN ELECTROCHEMICAL CAPACITORS	2,254,911	7/25/2006
3610	MX	989490	5/15/1997	From PCT/US97/08256 (FILE - 3601)	GRAPHITIC NANOFIBERS IN ELECTROCHEMICAL CAPACITORS	203472	8/2/2001
3612	AU	62416/00	5/15/1997	DIV of 31272/97 [FILE - 3603] From PCT/US97/08256 (FILE - 3601)	GRAPHITIC NANOFIBERS IN ELECTROCHEMICAL CAPACITORS	765403	9/18/2003
3614	JP	2008-068777	5/15/1997	DIV of 541123/97 [FILE 3608] which is From PCT/US97/08256 (FILE - 3601)	GRAPHITIC NANOFIBERS IN ELECTROCHEMICAL CAPACITORS		
3625	US	10/131,655	4/24/2002	Continuation of 09/410,984 [FILE - 3620] Continuation of 08/856,657 filed May 15, 1997 now U.S. Patent No. 6,031,711 [FILE - 3600]	GRAPHITIC NANOFIBERS IN ELECTROCHEMICAL CAPACITORS	6,665,169	12/16/2003
3020	US	08/040,895	3/31/1993		HIGH STRENGTH CONDUCTIVE POLYMERS	5,591,382	1/7/1997

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
3370	US	08/220,276	3/30/1994	CIP of 08/040,895, filed 3/31/93 (patent 5,591,382) [FILE -3020]	HIGH STRENGTH CONDUCTIVE POLYMERS	5,643,502	7/1/1997
3375	US	08/478,823	6/7/1995	DIV of 08/220,276, filed 3/30/94 (FILE-3370); CIP of 08/040,895, filed 3/31/93	HIGH STRENGTH CONDUCTIVE POLYMERS	5,651,922	7/29/1997
3377	AU	64186/94	3/30/1994	From PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	692767	11/5/1998
3378	JP	522357/94	3/30/1994	From PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	4395198	10/23/2009
3379	KR	704284/1995	9/29/1995	From PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	319735	12/21/2001
3381	CA	2,159,208	3/30/1994	From PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	2,159,208	10/16/2007
3382	JP	2004-116577	3/30/1994	Div of 522357/94 [FILE 3378] which is from PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	4164044	8/1/2008
3383	EP	03028204.0	3/30/1994	DIV of EP Patent Appln. No. 94911747.7 [FILE - 3372] which is from PCT/US94/03514 [FILE - 3371]	HIGH STRENGTH CONDUCTIVE POLYMERS	1418203	5/11/2011
33721	BE	94911747.7	3/30/1994	Designated country from EPO [FILE 3372] which is from PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	0692136	3/24/2004
33722	FR	94911747.7	3/30/1994	Designated country from EPO [FILE 3372] which is from PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	0692136	3/24/2004

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
33723	DE	94911747.7	3/30/1994	Designated country from EPO [FILE 3372] which is from PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	0692136	3/24/2004
33724	IE	94911747.7	3/30/1994	Designated country from EPO [FILE 3372] which is from PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	0692136	3/24/2004
33725	IT	94911747.7	3/30/1994	Designated country from EPO [FILE 3372] which is from PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	0692136	3/24/2004
33726	LU	94911747.7	3/30/1994	Designated country from EPO [FILE 3372] which is from PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	0692136	3/24/2004
33727	NL	94911747.7	3/30/1994	Designated country from EPO [FILE 3372] which is from PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	0692136	3/24/2004
33728	ES	94911747.7	3/30/1994	Designated country from EPO [FILE 3372] which is from PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	0692136	3/24/2004
33729	CH	94911747.7	3/30/1994	Designated country from EPO [FILE 3372] which is from PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	0692136	3/24/2004
33730	UK	94911747.7	3/30/1994	Designated country from EPO [FILE 3372] which is from PCT/US94/03514 (FILE-3371)	HIGH STRENGTH CONDUCTIVE POLYMERS	0692136	3/24/2004
3630	US	08/854,918	5/13/1997	PRO filed 5/15/96, 60/017,787	HIGH SURFACE AREA NANOFIBERS, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	6,099,960	8/8/2000
3632	EP	97923634.6	5/13/1997	From PCT/US97/07979 (FILE - 3631)	HIGH SURFACE AREA NANOFIBERS, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	0907773	8/16/2006
3635	CA	2,255,025	5/13/1997	From PCT/US97/07979 (FILE - 3631)	HIGH SURFACE AREA NANOFIBERS, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	2,255,025	12/20/2005

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
36321	BE	97923634.6	5/13/1997	Designated country from EPO [FILE 3632] which is from PCT/US97/07979 (FILE - 3631)	HIGH SURFACE AREA NANOFIBERS, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	0907773	8/16/2006
36322	DE	97923634.6	5/13/1997	Designated country from EPO [FILE 3632] which is from PCT/US97/07979 (FILE - 3631)	HIGH SURFACE AREA NANOFIBERS, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	0907773	8/16/2006
36323	FR	97923634.6	5/13/1997	Designated country from EPO [FILE 3632] which is from PCT/US97/07979 (FILE - 3631)	HIGH SURFACE AREA NANOFIBERS, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	0907773	8/16/2006
36324	GB	97923634.6	5/13/1997	Designated country from EPO [FILE 3632] which is from PCT/US97/07979 (FILE - 3631)	HIGH SURFACE AREA NANOFIBERS, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	0907773	8/16/2006
36325	IT	97923634.6	5/13/1997	Designated country from EPO [FILE 3632] which is from PCT/US97/07979 (FILE - 3631)	HIGH SURFACE AREA NANOFIBERS, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	0907773	8/16/2006
36326	NL	97923634.6	5/13/1997	Designated country from EPO [FILE 3632] which is from PCT/US97/07979 (FILE - 3631)	HIGH SURFACE AREA NANOFIBERS, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	0907773	8/16/2006
3360	US	08/459,534	6/2/1995	CON of 08/241,771 filed 5/12/94	IMPROVED CATALYSTS FOR THE MANUFACTURE OF CARBON FIBRILS AND METHODS OF USE THEREOF	6,696,387	2/24/2004
3362	EP	95919169.3	5/12/1995	From PCT/US95/05956 (FILE - 3361)	IMPROVED CATALYSTS FOR THE MANUFACTURE OF CARBON FIBRILS AND METHODS OF USE THEREOF	0758920	4/26/2006
3363	US	08/477,576	6/7/1995	DIV of 08/459,534, filed 6/2/95 (FILE-3360); CON of 08/241,771, filed 5/12/94	IMPROVED CATALYSTS FOR THE MANUFACTURE OF CARBON FIBRILS AND METHODS OF USE THEREOF	6,699,454	3/2/2004

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
4279	US	11/841,577	8/20/2007	CON of 11/256,902 filed 10/21/2005 [FILE 4270] which is a Original Provisional Patent Application No. 60/621,132 [SAME FILE NO. 4270PRV] and 60/720,806 [FILE 4510]	IMPROVED OZONOLYSIS OF CARBON NANOTUBES		
1070	US	08/651,617	5/22/1996		INFRARED TRACKER COMPOSITIONS	5,639,984	6/17/1997
3283	JP	226042/93	9/10/1993	(JSR) PCT/US94/10181 (FILE - 3241)	LIQUID CONTAINING CARBON FIBRIL MATERIAL	4071832	1/25/2008
3240	US	08/612,930	8/29/1996	371 of PCT/US94/10181, filed 9/9/94 (FILE-3241)	LITHIUM BATTERY WITH ELECTRODES CONTAINING CARBON FIBRILS	5,879,836	3/9/1999
3243	JP	226040/93		(JSR) From PCT/US94/10181 (FILE - 3241)	LITHIUM BATTERY WITH ELECTRODES CONTAINING CARBON FIBRILS		
3245	JP	508807/95	3/11/1996	DIV of 226040/93 (FILE - 3243)	LITHIUM BATTERY WITH ELECTRODES CONTAINING CARBON FIBRILS	3967373	6/8/2007
4200	US	10/099,243	3/15/2002	DIV of 09/809,930 [FILE - 4190]	LUBRICANTS CONTAINING CARBON NANOTUBES	6,828,282	12/7/2004
3660	US	08/656,067	5/31/1996	Original Filing (filed jointly with Mitsubishi)	METHOD FOR DISENTANGLING HOLLOW CARBON MICROFIBERS, ELECTRICALLY CONDUCTIVE TRANSPARENT CARBON MICROFIBERS AGGREGATION FILM AND COATING COMPOSITION FOR FORMING SUCH FILM	5,853,877	12/29/1998
3662	EP	97926774.7	5/28/1997	From PCT/US97/09064 (FILE 3661)	METHOD FOR DISENTANGLING HOLLOW CARBON MICROFIBERS, ELECTRICALLY CONDUCTIVE TRANSPARENT CARBON MICROFIBERS AGGREGATION FILM AND COATING COMPOSITION FOR FORMING SUCH FILM	0921939	2/2/2005

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
3663	JP	542902/97	11/30/1998	From PCT/US97/09064 (FILE 3661)	METHOD FOR DISENTANGLING HOLLOW CARBON MICROFIBERS, ELECTRICALLY CONDUCTIVE TRANSPARENT CARBON MICROFIBERS AGGREGATION FILM AND COATING COMPOSITION FOR FORMING SUCH FILM	3962433	5/25/2007
3665	TW	86107203	5/26/1997	From PCT/US97/09064 (FILE - 3661)	METHOD FOR DISENTANGLING HOLLOW CARBON MICROFIBERS, ELECTRICALLY CONDUCTIVE TRANSPARENT CARBON MICROFIBERS AGGREGATION FILM AND COATING COMPOSITION FOR FORMING SUCH FILM	136351	11/5/2001
4543	JP	2007-541476	11/16/2005	From PCT/US2005/041605 [FILE 4541] which is from provisional patent application no. 60/628,469 filed 11/16/2004 [FILE 4330PRV]	METHOD FOR PREPARING CATALYSTS SUPPORTED ON CARBON NANOTUBES NETWORKS	4971175	4/13/2012
4544	CN	200580046638.8	11/16/2005	From PCT/US2005/041605 [FILE 4541] which is from provisional patent application no. 60/628,469 filed 11/16/2004 [FILE 4330PRV]	METHOD FOR PREPARING CATALYSTS SUPPORTED ON CARBON NANOTUBES NETWORKS	ZL200580046638.8	2/6/2013
4546	MX	MX/a/2007/005797	11/16/2005	From PCT/US2005/041605 [FILE 4541] which is from provisional patent application no. 60/628,469 filed 11/16/2004 [FILE 4330PRV]	METHOD FOR PREPARING CATALYSTS SUPPORTED ON CARBON NANOTUBES NETWORKS	2900802	9/12/2011
4550	US	11/841,733	8/20/2007	CON of 11/281,811 filed 11/16/2005 [FILE 4540] which is from Original Provisional Patent Application 60/628,469 filed 11/16/2004 [FILE 4330PRV]	METHOD FOR PREPARING CATALYSTS SUPPORTED ON CARBON NANOTUBES NETWORKS	7,923,403	4/12/2011

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
4430	US	11/841,952	8/20/2007	Con of 11/281,571 filed November 16, 2005 [FILE 4420} which is From Original Provisional Patent Application 60/630,946, filed Nov. 24, 2004 [SAME FILE NO. 4420 PRV]; provisional patent application 60/630,781, filed Nov. 24, 2004 [FILE 4390] and provisional patent application 60/628,498, filed Nov. 16, 2004 [FILE 4300]	METHOD FOR PREPARING SINGLE WALLED CARBON NANOTUBES	8,287,836	10/16/2012
4600	US	11/693,203	3/29/2007	From Provisional Patent Application no. 60/743,927 filed 3/29/2006 [FILE 4600PRV] and CIP of PCT/US2006/01201, filed March 29, 2006 [FILE 4481] which is from provisional application no. 60/665,996, filed March 29, 2005 [FILE 4480PRV]	METHOD FOR PREPARING SINGLE WALLED CARBON NANOTUBES FROM A METAL LAYER	7,947,247	5/24/2011
4334	MX	MX/a/2007/005793	11/16/2005	From PCT/US2005/041603 [FILE 4331] which is from provisional patent application no. 60/628,469 filed Nov. 16, 2004 [FILE 4330]	METHOD FOR PREPARING SUPPORTED CATALYSTS FROM METAL LOADED CARBON NANOTUBES	289240	8/11/2011
4336	CN	200580046303.6	11/16/2005	From PCT/US2005/041603 [FILE 4331] which is from provisional patent application no. 60/628,469 filed Nov. 16, 2004 [FILE 4330]	METHOD FOR PREPARING SUPPORTED CATALYSTS FROM METAL LOADED CARBON NANOTUBES	ZL200580046303.6	10/10/2012
4340	US	11/841,359	8/20/2007	CON of 11/281,814 filed Nov. 16, 2005 [FILE 4330] which is from Original Provisional Patent Application 60/628,469 filed Nov. 16, 2004 [SAME FILE NO. 4330PRV]	METHOD FOR PREPARING SUPPORTED CATALYSTS FROM METAL LOADED CARBON NANOTUBES	7,968,489	6/28/2011
4360	US	11/281,575	11/16/2005	From Original Provisional Patent Application 60/628,678 filed Nov. 17, 2004 [SAME FILE NO. 4360PRV]	METHOD FOR PREPARING SUPPORTED CATALYSTS FROM SINGLE WALLED CARBON NANOTUBES	7,396,798	7/8/2008
4630	US	11/693,261	3/29/2007	From provisional patent application no. 60/743,939 filed March 29, 2006 [FILE 4630US]	METHOD FOR PREPARING UNIFORM SINGLE WALLED CARBON NANOTUBES	7,951,351	5/31/2011

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
4635	JP	2009-503284	3/29/2007	From PCT/US2007/65530, filed 3/29/07 [FILE 4631] which is from provisionall patent application no. 60/743,939 filed March 29, 2006 [FILE 4630US]	METHOD FOR PREPARING UNIFORM SINGLE WALLED CARBON NANOTUBES		
11000P1	US	61/786,776	3/15/2013	Original Provisional Patent Application	METHOD OF DEPOSITING NANOSCALE MATERIALS WITHIN NANOFIBER NETWORK AND NETWORKED NANOFIBERS WITH COATING		
4485	US	11/909,614	9/24/2007	US National Phase Patent Application from PCT/2006/12001 filed 3/29/2006 [FILE 4481] which is From Original Provisional Patent Application filed March 29, 2005 [FILE 4480PRV]	METHOD OF PREPARING SINGLE WALLED CARBON NANOTUBES FROM A METAL LAYER		
4241	US	11/743,634	5/2/2007	Continuation of 10/940,242, filed 9/14/2004 [FILE 4240] which is a continuation of 10/023,618 [FILE 4230] which is CIP of 09/615,350 [FILE 3990] CIP of 09/481,184 [FILE 3970] which is from provisional 60/115,735 filed 1/12/1999 [same case number 3970]	METHOD OF USING CARBIDE AND/OR OXYCARBIDE CONTAINING COMPOSITIONS	7,578,989	8/25/2009
3000	US	08/469,430	6/6/1995	CON of 08/284,742, filed 8/2/94; CON 07/887,307, filed 5/22/92	METHODS AND CATALYSTS FOR THE MANUFACTURE OF CARBON FIBRILS	6,143,689	11/7/2000
3005	JP	500575/94	11/21/1994	From PCT/US93/04539 (FILE - 3001)	METHODS AND CATALYSTS FOR THE MANUFACTURE OF CARBON FIBRILS		
3015	US	08/464,278	6/5/1995	DIV of 08/284,742, filed 8/2/94; CON of 07/887,307, filed 5/22/92 (FILE - 3000)	METHODS AND CATALYSTS FOR THE MANUFACTURE OF CARBON FIBRILS	6,294,144	9/25/2001
3016	US	09/783,173	2/14/2001	Continuation of 08/464,278 [FILE - 3015] DIV of 08/284,742, filed 8/2/94; CON of 07/887,307, filed 5/22/92 (FILE - 3000)	METHODS AND CATALYSTS FOR THE MANUFACTURE OF CARBON FIBRILS	6,770,589	8/3/2004

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
3019	US	10/776,140	2/11/2004	Continuation of 09/783,173, filed 2/14/01 [FILE 3016] which is a Continuation of 08/464,278 [FILE - 3015] DIV of 08/284,742, filed 8/2/94; CON of 07/887,307, filed 5/22/92 (FILE - 3000)	METHODS AND CATALYSTS FOR THE MANUFACTURE OF CARBON FIBRILS	7,198,772	4/3/2007
3022	US	11/717,226	3/12/2007	Continuation of 10/776,140, filed 2/11/2004 [FILE 3019] which is a Continuation of 09/783,173, filed 2/14/01 [FILE 3016] which is a Continuation of 08/464,278 [FILE - 3015] DIV of 08/284,742, filed 8/2/94; CON of 07/887,307, filed 5/22/92 (FILE - 3000)	METHODS AND CATALYSTS FOR THE MANUFACTURE OF CARBON FIBRILS	8,470,284	6/25/2013
4420	US	11/281,571	11/16/2005	From Original Provisional Patent Application 60/630,946, filed Nov. 24, 2004 [SAME FILE NO. 4420 PRV]; provisional patent application 60/630,781, filed Nov. 24, 2004 [FILE 4390] and provisional patent application 60/628,498, filed Nov. 16, 2004 [FILE 4300]	METHODS FOR PREPARING SINGLE WALL CARBON NANOTUBES	7,862,795	1/4/2011
4720	US	11/608,359	12/8/2006	CIP of 10/873,739 [FILE 4020] which is DIV of 10/005,586, filed 10/29/01 [FILE 4010] which is a CIP of 09/481,184 filed1/12/00 [FILE 3970] From provisional 60/115,735 filed 1/12/1999 [same case number 3970]- Original Filing	METHODS OF MAKING CARBIDE AND OXYCARBIDE CONTAINING CATALYSTS	7,576,027	8/18/2009
4075	JP	2001-512958	7/7/2000	From PCT/US00/18670 - [FILE - 4071]	METHODS OF OXIDIZING MULTIWALLED CARBON NANOTUBES	4465137	2/26/2010
4076	MX	PA/a/2002/000576	7/7/2000	From PCT/US00/18670 - [FILE - 4071]	METHODS OF OXIDIZING MULTIWALLED CARBON NANOTUBES	263406	1/6/2009
4081	US	11/271,422	11/9/2005	Continuation of 10/857,470 [FILE - 4080} which is a Continuation of 09/358,754, filed July 21, 1999 [FILE 4070]	METHODS OF OXIDIZING MULTIWALLED CARBON NANOTUBES	7,413,723	8/19/2008

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
4085	US	11/841,449	8/20/2007	DIV of 11/271,422 filed November 9, 2005 [FILE 4081] which is a continuation of 10/857,470 [FILE - 4080} which is a Continuation of 09/358,754, filed July 21, 1999 [FILE 4070]	METHODS OF OXIDIZING MULTIWALLED CARBON NANOTUBES		
4585	US	11/841,676	8/20/2007	Con of 11/601,073, filed 11/16/2006 [FILE 4570] which is from original Provisional Patent Application 60/737,826 filed 11/16/2005 [FILE 4570PRV]	MIXED STRUCTURES OF SINGLE WALLED AND MULTI WALLED CARBON NANOTUBES		
4040	US	10/150,370	5/17/2002	CIP of 09/861,730 [FILE 4030]	MODIFICATION OF CARBON NANOTUBES WITH PEROXYGEN COMPOUNDS	7,070,753	7/4/2006
4042	EP	02731864.1	5/17/2002	From PCT/US02/15828 [FILE 4041] filed 5/17/02 which is from U.S. 10/150,370[FILE 4040] filed 5/17/02 which is a CIP of 09/861,730 filed 5/18/01 [FILE 4030]	MODIFICATION OF CARBON NANOTUBES WITH PEROXYGEN COMPOUNDS	1434901	10/22/2008
4043	AU	2002303805	5/17/2002	From PCT/US02/15828 [FILE 4041] filed 5/17/02 which is from U.S. 10/150,370[FILE 4040] filed 5/17/02 which is a CIP of 09/861,730 filed 5/18/01 [FILE 4030]	MODIFICATION OF CARBON NANOTUBES WITH PEROXYGEN COMPOUNDS	2002303805	1/31/2008
4044	CA	2,446,923	5/17/2002	From PCT/US02/15828 [FILE 4041] filed 5/17/02 which is from U.S. 10/150,370[FILE 4040] filed 5/17/02 which is a CIP of 09/861,730 filed 5/18/01 [FILE 4030]	MODIFICATION OF CARBON NANOTUBES WITH PEROXYGEN COMPOUNDS	2,446,923	12/9/2008
4045	JP	2002-591557	5/17/2002	From PCT/US02/15828 [FILE 4041] filed 5/17/02 which is from U.S. 10/150,370[FILE 4040] filed 5/17/02 which is a CIP of 09/861,730 filed 5/18/01 [FILE 4030]	MODIFICATION OF CARBON NANOTUBES WITH PEROXYGEN COMPOUNDS	3962691	5/25/2007

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
4046	MX	PA/a/2003/010309	5/17/2002	From PCT/US02/15828 [FILE 4041] filed 5/17/02 which is from U.S. 10/150,370[FILE 4040] filed 5/17/02 which is a CIP of 09/861,730 filed 5/18/01 [FILE 4030]	MODIFICATION OF CARBON NANOTUBES WITH PEROXYGEN COMPOUNDS	247311	7/18/2007
40421	BE	02731864.1	5/17/2002	Designated country from EPO [FILE 4042] which is from PCT/US02/15828 [FILE 4041] filed 5/17/02 which is from U.S. 10/150,370[FILE 4040] filed 5/17/02 which is a CIP of 09/861,730 filed 5/18/01 [FILE 4030]	MODIFICATION OF CARBON NANOTUBES WITH PEROXYGEN COMPOUNDS	1434901	10/22/2008
40422	DE	02731864.1	5/17/2002	Designated country from EPO [FILE 4042] which is from PCT/US02/15828 [FILE 4041] filed 5/17/02 which is from U.S. 10/150,370[FILE 4040] filed 5/17/02 which is a CIP of 09/861,730 filed 5/18/01 [FILE 4030]	MODIFICATION OF CARBON NANOTUBES WITH PEROXYGEN COMPOUNDS	1434901	10/22/2008
40423	FR	02731864.1	5/17/2002	Designated country from EPO [FILE 4042] which is from PCT/US02/15828 [FILE 4041] filed 5/17/02 which is from U.S. 10/150,370[FILE 4040] filed 5/17/02 which is a CIP of 09/861,730 filed 5/18/01 [FILE 4030]	MODIFICATION OF CARBON NANOTUBES WITH PEROXYGEN COMPOUNDS	1434901	10/22/2008
40424	GB	02731864.1	5/17/2002	Designated country from EPO [FILE 4042] which is from PCT/US02/15828 [FILE 4041] filed 5/17/02 which is from U.S. 10/150,370[FILE 4040] filed 5/17/02 which is a CIP of 09/861,730 filed 5/18/01 [FILE 4030]	MODIFICATION OF CARBON NANOTUBES WITH PEROXYGEN COMPOUNDS	1434901	10/22/2008
40425	IT	02731864.1	5/17/2002	Designated country from EPO [FILE 4042] which is from PCT/US02/15828 [FILE 4041] filed 5/17/02 which is from U.S. 10/150,370[FILE 4040] filed 5/17/02 which is a CIP of 09/861,730 filed 5/18/01 [FILE 4030]	MODIFICATION OF CARBON NANOTUBES WITH PEROXYGEN COMPOUNDS	1434901	10/22/2008

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
40426	NL	02731864.1	5/17/2002	Designated country from EPO [FILE 4042] which is from PCT/US02/15828 [FILE 4041] filed 5/17/02 which is from U.S. 10/150,370[FILE 4040] filed 5/17/02 which is a CIP of 09/861,730 filed 5/18/01 [FILE 4030]	MODIFICATION OF CARBON NANOTUBES WITH PEROXYGEN COMPOUNDS	1434901	10/22/2008
4010	US	10/005,586	10/29/2001	CIP of 09/481,184 filed1/12/00 [FILE 3970] From provisional 60/115,735 filed 1/12/1999 [same case number 3970]-Original Filing	MODIFIED CARBIDE AND OXYCARBIDE CONTAINING CATALYSTS AND METHODS OF MAKING AND USING THE SAME	6,936,565	8/30/2005
4020	US	10/873,739	6/22/2004	DIV of 10/005,586, filed 10/29/01 [FILE 4010] which is a CIP of 09/481,184 filed1/12/00 [FILE 3970] From provisional 60/115,735 filed 1/12/1999 [same case number 3970]-Original Filing	MODIFIED CARBIDE AND OXYCARBIDE CONTAINING CATALYSTS AND METHODS OF MAKING AND USING THE SAME	7,169,730	1/30/2007
4016	MX	PA/a/2004/003998	10/29/2002	From PCT/US02/34704 filed 10/29/02 [FILE 4011] which is from U.S. 10/005,586 filed 10/29/2001 [FILE 4010]	MODIFIED CARBIDE AND OXYCARBIDE CONTAINING CATALYSTS AND METHODS OF MAKING AND USING THEREOF (NEW TITLE FROM WIPO MODIFIED CARBIDE AND OXYCARBIDE CONTAINING CATALYSTS)	264849	3/4/2009
4018	MX	MX/a/2007/010551	10/29/2002	DIV of PA/a/2004/003998 filed 10/29/2002 [FILE 4016] which is From PCT/US02/34704 filed 10/29/02 [FILE 4011] which is from U.S. 10/005,586 filed 10/29/2001 [FILE 4010]	MODIFIED CARBIDE AND OXYCARBIDE CONTAINING CATALYSTS AND METHODS OF MAKING AND USING THEREOF (NEW TITLE FROM WIPO MODIFIED CARBIDE AND OXYCARBIDE CONTAINING CATALYSTS)	275125	4/13/2010
3950	US	09/882,464	6/14/2001	Continuation in part of 09/593,781 [FILE3940]	MULTILAYERED POLYMERIC STRUCTURE	6,949,159	9/27/2005
3965	US	11/841,626	8/20/2007	CON of 10/988,711, filed 11/15/2004 [FILE 3960] which is a CON of 09/882,464, filed 6/14/2001 [FILE - 3950] which is a CIP of 09/593,78 filed 6/14/2000 [FILE - 3940]	MULTILAYERED POLYMERIC STRUCTURE	7,998,386	8/16/2011

Hyperion Catalysis International, Inc.

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
11000P2	US	61/786,833	3/15/2013	Original Provisional Patent Application	NANOFIBER ELECTRODES FOR BATTERIES AND METHODS OF MAKING NANOFIBER ELECTRODES		
3510	US	08/611,367	3/6/1996	Original Filing	NANOFIBER PACKED BEDS HAVING ENHANCED FLUID FLOW CHARACTERISTICS	5,800,706	9/1/1998
3512	EP	97914874.9	3/5/1997	From PCT/US97/03438 (FILE - 3511)	NANOFIBER PACKED BEDS HAVING ENHANCED FLUID FLOW CHARACTERISTICS	0902716	11/15/2000
3890	US	09/056,102	4/6/1998	DIV of 08/611,376 (FILE-3510) [Original filing]	NANOFIBER PACKED BEDS HAVING ENHANCED FLUID FLOW CHARACTERISTICS	5,985,112	11/16/1999
3082	US	08/463,295	6/5/1995	DIV of 07/978,634, filed 11/19/92 (abnd); DIV of 07/593,319, filed 10/1/90 (patent 5,165,909); CON of 06/871,676, filed 6/6/86 (abnd); CIP of 06/678,701, filed 12/6/84 (patent 4,663,230)	NOVEL CARBON FIBRILS, METHOD FOR PRODUCING SAME AND ADHESIVE COMPOSITIONS CONTAINING SAME	6,235,674	5/22/2001
3722	EP	97939793.2	9/4/1997	From PCT/US97/15550 (FILE - 3721)	PLASMA-TREATED CARBON FIBRILS AND METHOD OF MAKING SAME	0928345	9/15/2004
3731	US	11/841,539	8/20/2007	CON of 10/910,927 [FILE 3730] which is a CON of 08/715,027, filed 9/17/1996 [FILE - 3720]	PLASMA-TREATED CARBON FIBRILS AND METHOD OF MAKING SAME	7,575,733	8/18/2009
9308	KR	7006276/2004	10/29/2002	From PCT/US02/34435 filed 10/29/2002 [FILE 9301] which is from provisional application no. 60/336,772 filed 10/29/01 [FILE 9300]	POLYMERS CONTAINING FUNCTIONALIZED CARBON NANOTUBES	1228702	1/25/2013
9309	MX	PA/a/2004/003996	10/29/2002	From PCT/US02/34435 filed 10/29/2002 [FILE 9301] which is from provisional application no. 60/336,772 filed 10/29/01 [FILE 9300]	POLYMERS CONTAINING FUNCTIONALIZED CARBON NANOTUBES	269099	8/7/2009

Hyperion Catalysis International, Inc.

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
9310	US	11/259,989	10/26/2005	Continuation of 10/282,685 filed October 29, 2002 [FILE 9300] which is from Provisional Application No. 60/336,772 filed 10/29/01	POLYMERS CONTAINING FUNCTIONALIZED CARBON NANOTUBES		
9311	US	11/841,760	8/20/2007	Con of 11/259,989, filed 10/26/2005 [FILE 9310] which is a Continuation of 10/282,685 filed October 29, 2002 [FILE 9300] which is from Provisional Application No. 60/336,772 filed 10/29/01	POLYMERS CONTAINING FUNCTIONALIZED CARBON NANOTUBES		
9210	US	09/903,189	7/11/2001	ORIGINAL FILING	POLYVINYLIDENE FLUORIDE COMPOSITES AND METHODS FOR PREPARING SAME	6,783,702	8/31/2004
9215	US	10/863,968	6/9/2004	Continuation of 09/903,189 [FILE - 9210]	POLYVINYLIDENE FLUORIDE COMPOSITES AND METHODS FOR PREPARING SAME	7,056,452	6/6/2006
9216	US	11/334,886	1/18/2006	DIV of 10/863,968, filed 6/9/2004 [FILE 9215] which is a continuation of 09/903,189, filed 7/11/2001, now U.S. Patent 6,783,702 [FILE - 9210]	POLYVINYLIDENE FLUORIDE COMPOSITES AND METHODS FOR PREPARING SAME	7,393,475	7/1/2008
9217	US	11/841,640	8/20/2007	CON of 11/334,886, filed 1/18/2006 [FILE 9216] which is a DIV of 10/863,968, filed 6/9/2004 [FILE 9215] which is a continuation of 09/903,189, filed 7/11/2001, now U.S. Patent 6,783,702 [FILE - 9210]	POLYVINYLIDENE FLUORIDE COMPOSITES AND METHODS FOR PREPARING SAME	7,998,369	8/16/2011
9220	US	09/988,973	11/20/2001	CIP of 09/903,189 [FILE 9210]	POLYVINYLIDENE FLUORIDE COMPOSITES AND METHODS FOR PREPARING SAME	6,746,627	6/8/2004
2216	US	08/462,869	6/5/1995	CON of 07/896,317, filed 6/10/92 (patent 5,445,327); CON of 07/386,912, filed 7/27/89 (abnd)	PROCESS FOR PREPARING COMPOSITE STRUCTURES	5,744,235	4/28/1998
3835	MX	2000001189	7/31/1998	From PCT/US98/16071 [FILE 3831]	PROCESS FOR PRODUCING SINGLE WALL NANOTUBES USING UNSUPPORTED METAL CATALYSTS AND SINGLE WALL NANOTUBES	213240	3/14/2003

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
3837	IL	134326	7/31/1998	From PCT/US98/16071 [FILE 3831]	PROCESS FOR PRODUCING SINGLE WALL NANOTUBES USING UNSUPPORTED METAL CATALYSTS AND SINGLE WALL NANOTUBES	134326	8/18/2005
3840	US	09/607,126	6/29/2000	CON of 08/910,495 [FILE - 3830]	PROCESS FOR PRODUCING SINGLE WALL NANOTUBES USING UNSUPPORTED METAL CATALYSTS AND SINGLE WALL NANOTUBES	6,827,919	12/7/2004
3834	JP	2000-505355	7/31/1998	From PCT/US98/16071 [FILE 3831]	PROCESS FOR PRODUCING SINGLE WALL NANOTUBES USING UNSUPPORTED METAL CATALYSTS AND SINGLE WALL NANOTUBES PRODUCED ACCORDING TO THIS METHOD	4537572	6/25/2010
3841	US	10/974,161	10/27/2004	CON of 09/6-7,126 [FILE -3840] which is a CON of 08/910,495 [FILE - 3830]	PROCESS FOR PRODUCING SINGLE WALL NANOTUBES USING UNSUPPORTED METAL CATALYSTS AND SINGLE WALL NANOTUBES PRODUCED ACCORDING TO THIS METHOD	7,097,821	8/29/2006
3842	US	11/220,873	9/6/2005	CON of 10/974,161 [FILE 3841] which is a CON of 09/607,126 [FILE -3840] which is a CON of 08/910,495 [FILE - 3830]	PROCESS FOR PRODUCING SINGLE WALL NANOTUBES USING UNSUPPORTED METAL CATALYSTS AND SINGLE WALL NANOTUBES PRODUCED ACCORDING TO THIS METHOD	7,144,564	12/5/2006
3845	US	09/839,932	4/20/2001	DIV of 08/910,495 [FILE 3830]	PROCESS FOR PRODUCING SINGLE WALL NANOTUBES USING UNSUPPORTED METAL CATALYSTS AND SINGLE WALL NANOTUBES PRODUCED ACCORDING TO THIS METHOD	7,074,379	7/11/2006
4660	US	12/358,772	1/23/2009	US Utility Application filed 1/23/2009 based on U.s. Provisional Application No. 61/023,672 [FILE 4660PRV] original provisional appln filing	PROCESSES FOR THE RECOVERY OF CATALYTIC METAL AND CARBON NANOTUBES		

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
4661-PCTEP	PCT	9703829.3	8/8/2010	PCT filed on1/23/2009 based on U.S. Provisional Application No. 61/023,672 [FILE 4660PRV] original provisional appln filing	PROCESSES FOR THE RECOVERY OF CATALYTIC METAL AND CARBON NANOTUBES		
2330	US	08/331,330	10/28/1994	CON of 08/023,471, filed 2/25/93 (abnd); CON of 07/654,507, filed 2/23/91 (abnd); CON of 07/567,017, filed 8/14/90 (abnd)	RESIN COMPOUND	5,643,990	7/1/1997
3480	US	08/857,383	5/15/1997	PRO filed 5/15/96, 60/020,804	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	6,099,965	8/8/2000
3482	EP	97925601.3	5/15/1997	From PCT/US97/08311, filed 5/15/97 (FILE - 3481)	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	0904195	2/18/2004
3483	AU	30691/97	5/15/1997	From PCT/US97/08311, filed 5/15/97 (FILE - 3481)	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	727973	4/19/2001
3485	CA	2,254,970	11/12/1998	From PCT/US97/08311, filed 5/15/97 (FILE - 3481)	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	2,254,970	10/2/2007
3486	CN	97196476.9	5/15/1997	From PCT/US97/08311, filed 5/15/97 (FILE - 3481)	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	ZL97196476.9	7/20/2005
3488	JP	541140/97	11/16/1998	From PCT/US97/08311, filed 5/15/97, (FILE - 3481)	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	4128628	5/23/2008
3489	KR	709208/1998	5/15/1997	From PCT/US97/08311, filed 5/15/97, (FILE - 3481)	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	500113	6/29/2005

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
3490	MX	989492	5/15/1997	From PCT/US97/08311, filed 5/15/97, (FILE - 3481)	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	233722	1/11/2006
3493	US	09/500,740	2/9/2000	DIV of 08/857/383 filed 05/15/1997 [FILE 3480] from PRO filed 05/15/1996, 60/020,804	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	6,432,866	8/13/2002
3494	US	10/164,682	6/7/2002	CON of 09/500,740 filed 02/9/00 [FILE 3493] DIV of 08/857/383 filed 05/15/1997 [FILE 3480] from PRO filed 05/15/1996, 60/020,804	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	6,960,389	11/1/2005
34822	BE	97925601.3	5/15/1997	From PCT/US97/08311, filed 5/15/97 (FILE - 3481)	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	904195	2/18/2004
34825	FR	97925601.3	5/15/1997	From PCT/US97/08311, filed 5/15/97 (FILE - 3481)	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	904195	2/18/2004
34826	DE	97925601.3	5/15/1997	From PCT/US97/08311, filed 5/15/97 (FILE - 3481)	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	904195	2/18/2004
34829	IT	97925601.3	5/15/1997	From PCT/US97/08311, filed 5/15/97 (FILE - 3481)	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	904195	2/18/2004
34832	NL	97925601.3	5/15/1997	From PCT/US97/08311, filed 5/15/97 (FILE - 3481)	RIGID POROUS CARBON STRUCTURES, METHODS OF MAKING, METHODS OF USING AND PRODUCTS CONTAINING SAME	904195	2/18/2004
3320	US	08/612,924	8/24/1996	Is a 371 of PCT/US94/10168, filed 9/9/94 (FILE - 3321)	RUBBER COMPOSITION CONTAINING CARBON FIBRILS AND A PNEUMATIC TIRE	5,861,454	1/19/1999

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
3325	JP	508802/95	3/11/1996	From PCT/US94/10168 (FILE-3321)	RUBBER COMPOSITION CONTAINING CARBON FIBRILS AND A PNEUMATIC TIRE	3271983	1/25/2002
3450	US	08/506,250	7/24/1995		SILICON NITRIDE NANOFIBRILS AND METHODS OF MAKING SAME	5,814,290	9/29/1998
3452	EP	96926157.7	7/24/1996	From PCT/US96/12372 (FILE - 3451)	SILICON NITRIDE NANOWHISKERS AND METHOD OF MAKING SAME	852575	4/24/2002
3453	JP	506971/97	1/26/1998	From PCT/US96/12372 (FILE - 3451)	SILICON NITRIDE NANOWHISKERS AND METHOD OF MAKING SAME		
4454	AU	2006335683	2/7/2006	From PCT/US2006/004766 [FILE 4451] which is from Original Provisional Patent Application filed February 7, 2005 [FILE 4450PRV]	SINGLE-WALLED CARBON NANOTUBE CATALYST	2006335683	4/7/2011
4455	CA	2,597,129	2/7/2006	From PCT/US2006/004766 [FILE 4451] which is from Original Provisional Patent Application filed February 7, 2005 [FILE 4450PRV]	SINGLE-WALLED CARBON NANOTUBE CATALYST		
4456	CN	200680011185.X	2/7/2006	From PCT/US2006/004766 [FILE 4451] which is from Original Provisional Patent Application filed February 7, 2005 [FILE 4450PRV]	SINGLE-WALLED CARBON NANOTUBE CATALYST	ZL20068001185.X	1/18/2012
4457	MX	MX/a/2007/009515	2/7/2006	From PCT/US2006/004766 [FILE 4451] which is from Original Provisional Patent Application filed February 7, 2005 [FILE 4450PRV]	SINGLE-WALLED CARBON NANOTUBE CATALYST	295638	2/7/2012
4690	US	11/602,136	11/20/2006	Continuation in Part of 11/349,651 [FILE 4450] which is from Original Provisional Patent Application 60/650,726, filed February 7, 2005 [SAME FILE NO. 4450PRV]	SINGLE-WALLED CARBON NANOTUBE CATALYSTS AND METHODS FOR PREPARING SAME		

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
2140	US	08/447,948	5/23/1995	DIV of 08/329,774, filed 10/27/94 (FILE -2130); CON of 08/117,873, filed 9/7/93; CON of 07/823,021, filed 1/15/92; CON of 07/351,967, filed 5/15/89	SURFACE TREATMENT OF CARBON MICROFIBERS	5,965,470	10/12/1999
3850	US	08/963,406	11/3/1997	Original Application	THREE DIMENSIONAL INTERPENETRATING NETWORKS OF MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND ORGANIC POLYMERS	5,968,650	10/19/1999
3856	JP	2000-519135	10/16/1998	From PCT US98/21892 [FILE3851]; priority from U.S. Appln. Ser. No. 08/963,406 [FILE 3850]	THREE DIMENSIONAL INTERPENETRATING NETWORKS OF MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND ORGANIC POLYMERS	4868478	11/25/2011
38150	US	09/368,783	8/5/1999	DIV of 08/963,406, filed 11/3/97 [FILE -3850]	THREE DIMENSIONAL INTERPENETRATING NETWORKS OF MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND ORGANIC POLYMERS	6,113,819	9/5/2000
3130	US	08/428,496	4/27/1995	CON 08/057,328, filed 5/5/93 (abnd)	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME	5,691,054	11/25/1997
3132	EP	94917909.7	5/3/1994	From PCT/US94/04879 (FILE - 3131)	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME	0703858	2/18/2004
3135	AU	69435/94	5/3/1994	From PCT/US94/04879 (FILE - 3131)	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME	693792	11/5/1998
3138	CA	2,162,054	5/3/1994	From PCT/US94/04879 (FILE - 3131)	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME	2,162,054	7/31/2007

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
3139	JP	524638/94	11/6/1995	From PCT/US94/04879 (FILE - 3131)	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME	3516957	
3140	US	08/468,849	6/6/1995	DIV of 08/428,496, filed 4/27/95 (FILE 3130); CON of 08/057,328, filed 5/5/93	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME	5,846,658	12/8/1998
3141	KR	704918.95	5/3/1994	From PCT/US94/04879 (File - 3131)	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME	326546	2/18/2002
3144	JP	2003-375785	11/6/1995	DIV of 524638/94 [FILE 3139] which is from PCT/US94/04879 (FILE - 3131)	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME		
31322	BE	94917909.7	5/3/1994	Designated country from EPO [FILE 3132] which is from PCT/US94/04879 (FILE - 3131)	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME	0703858	2/18/2004
31324	FR	94917909.7	5/3/1994	Designated country from EPO [FILE 3132] which is from PCT/US94/04879 (FILE - 3131)	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME	0703858	2/18/2004
31325	DE	94917909.7	5/3/1994	Designated country from EPO [FILE 3132] which is from PCT/US94/04879 (FILE - 3131)	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME	0703858	2/18/2004
31328	IT	94917909.7	5/3/1994	Designated country from EPO [FILE 3132] which is from PCT/US94/04879 (FILE - 3131)	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME	0703858	2/18/2004
31331	NL	94917909.7	5/3/1994	Designated country from EPO [FILE 3132] which is from PCT/US94/04879 (FILE - 3131)	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME	0703858	2/18/2004

Hyperion Catalysis International, Inc.

FILE#	CTY	APPLICATION#	FILED	LINEAGE	TITLE	PATENT#	GRNTD
31336	CH	94917909.7	5/3/1994	Designated country from EPO [FILE 3132] which is from PCT/US94/04879 (FILE - 3131)	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME	0703858	2/18/2004
31337	GB	94917909.7	5/3/1994	Designated country from EPO [FILE 3132] which is from PCT/US94/04879 (FILE - 3131)	THREE DIMENSIONAL MACROSCOPIC ASSEMBLAGES OF RANDOMLY ORIENTED CARBON FIBRILS AND COMPOSITES CONTAINING SAME	0703858	2/18/2004
1069	US	08/141,389	10/22/1993		USE OF CARBON FIBRILS TO ENHANCE BURN RATE OF PYROTECHNICS AND GAS GENERANTS	5,470,408	11/28/1995
2211	RU	5011328.07	1/24/1992	From PCT/US90/04211	COMPOSITES AND METHODS FOR MAKING SAME		