

10-27-2004

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Form PTO-1595 (Rev. 6-93) OMB No. 0651-0027 (exp. 6/30/2005)

RE4



U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents

102868877

original documents or copy thereof

1. Name of conveying party(ies): General Electric Company

2.29.04

2. Name and address of receiving party(ies)

Name: GE Superabrasives, Inc.

10/25/04

Internal Address: Second Floor

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other Corrective Document - Reel 015190 Frame 0560

Street Address: 187 Danbury Road

City: Wilton State: CT Zip: 06897

Execution Date: December 31, 2003

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

A. Patent Application No.(s) and/or Title

B. Patent No.(s)

6,692,714

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Alka A. Patel

Internal Address: Pepper Hamilton LLP

Street Address: One Mellon Center, 50th Floor

500 Grant Street

City: Pittsburgh State: PA Zip: 15219

6. Total number of applications and patents involved? 1

7. Total fee (37 CFR 3.41)..... \$ 40.00

- Enclosed Authorized to be charged to deposit account

8. Payment information - Deposit Account No.

50-0436

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Alka A. Patel, Reg. No. 49,092

Name of Person Signing/Reg. No.

Alka A. Patel Signature

October 22, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 33

Mail documents to be recorded with required cover sheet information to:

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PATENT REEL: 015908 FRAME: 0903

03-29-2004



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Form PTO-1595 (Rev. 10/02)

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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): General Electric Company
Additional name(s) of conveying party(ies) attached? Yes No

3-25-04

2. Name and address of receiving party(ies)
Name: GE Superabrasives, Inc.
Internal Address:

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: December 31, 2003

Street Address: 187 Danbury Road, 2nd Floor
City: Wilton State: CT Zip: 06897
Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No.(s)
See Attached Exhibit A

B. Patent No.(s)
See Attached Exhibit A
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: James M. Singer
Internal Address: Pepper Hamilton LLP
Street Address: 500 Grant Street, 50th Floor
City: Pittsburgh State: PA Zip: 15219

6. Total number of applications and patents involved: 212
7. Total fee (37 CFR 3.41).....\$ 8480
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
500436
(Attach duplicate copy of this page if paying by deposit account)

2004 MAR 25 AM 7:16
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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
James M. Singer Reg. No. 45,111
Name of Person Signing

Signature

3-23-04
Date

Total number of pages including cover sheet, attachments, and documents: 33

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

[Signature] 9-13-04
General Electric Co. Date
[Signature] 9-13-04
GE Superabrasives, Inc. Date

CONFIRMATORY ASSIGNMENT OF PATENTS
GENERAL ELECTRIC COMPANY TO
GE SUPERABRASIVES, INC.

This Assignment, effective the ^{31st} ~~XX~~ day of ~~JUNE~~ December, 2003 ^{WJS}, is by and between GENERAL ELECTRIC COMPANY, a New York Corporation, having a corporate business address at One River Road, Schenectady, New York, 12345 ("Assignor"), and GE SUPERABRASIVES, INC., a Delaware Corporation, having its principal corporate business address at 187 Danbury Road, Second Floor, Wilton, Connecticut, 06897 ("Assignee") (and collectively, "the Parties" or "Party").

WHEREAS, Assignor and Assignee are parties to a certain Assignment, Transfer & Assumption Agreement dated June 3, 2002 (the "Assumption Agreement"), pursuant to which Assignee agreed to purchase certain assets of Assignor, and Assignor agreed to cause the same to be transferred, assigned and contributed to Assignee;

WHEREAS, Assignor is the record owner of all right, title and interest in and to the pending patent applications identified in Appendix A and issued patents identified in Appendix B attached hereto, including all inventions referenced therein and letters patent issued thereon and applications for letters patent applied for with respect thereto, throughout the world, and all reissues, divisions, continuations, continuations-in-part, renewals, extensions, substitutions, and re-examinations of any of the foregoing throughout the world ("Patents");

WHEREAS, pursuant to the Assumption Agreement, Assignor desires to assign and transfer to Assignee all of its right, title and interest in and to the Patents, and Assignee desires to acquire the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

Without limiting the foregoing, the Assignor hereby sells, assigns and transfers to Assignee, its successors, assigns and legal representatives, all right, title and interest in and to the Patents, together with all rights to sue for past infringement of said Patents and all causes of action (either at law or equity) with respect thereto, the right of recovery, including but not limited to damages, for such past infringement, and the right to assign the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and for the use

and benefit of its successors, assigns and legal representatives. Assignor hereby authorizes the Assignee to record ownership of the Patents directly in Assignee's own name in any jurisdiction, municipality or agency, in which recordation is required.

IN WITNESS HEREOF, the parties hereto have duly executed this Agreement as of the Effective Date.

Signed at NEW YORK, NY on this 31st day of DECEMBER, 2003.

GENERAL ELECTRIC COMPANY
Assignor

By: William A. Woodburn/foa

Name: William A. Woodburn *WAC*

Title: Senior Vice President

AGREED AND ACCEPTED:

Signed at NEW YORK, NY on this 31st day of DECEMBER 2003.

GE SUPERABRASIVES, INC..

By: W. Carstanjen

Name: William C. Carstanjen

Title: Vice President, Secretary

**CONFIRMATORY ASSIGNMENT OF PATENTS
GENERAL ELECTRIC COMPANY TO
GE SUPERABRASIVES, INC.**

2 of 5

**PATENT
REEL: 015908 FRAME: 0906**

STATE OF New York)
COUNTY OF New York)

SS:

BEFORE ME, the undersigned authority, on this day personally appeared William C. Carstanjen, having a Power of Attorney from William A. Woodburn, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledges to me that pursuant to said Power of Attorney he executed the same for the purposes and consideration therein expressed in the capacity therein stated and as an act and deed of said corporation.

Given under my hand and seal of Office this 31st day of December, 2003.

Notary Public *Molly B Chase*
My Commission Expires: 5/27/07

MOLLY B. CHASE
Notary Public, State of New York
No. 01CH6092798
Qualified in Queens County
Commission Expires 05/27/20 07

STATE OF New York)
COUNTY OF New York)

SS:

BEFORE ME, the undersigned authority, on this day personally appeared William C. Carstanjen, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledges to me that he executed same for the purposes and consideration therein expressed in the capacity therein stated and as an act and deed of such corporation.

Given under my hand and seal of Office this 31st day of December, 2003.

Notary Public *Molly B Chase*
My Commission Expires: 5/27/07

MOLLY B. CHASE
Notary Public, State of New York
No. 01CH6092798
Qualified in Queens County
Commission Expires 05/27/20 07

**CONFIRMATORY ASSIGNMENT OF PATENTS
GENERAL ELECTRIC COMPANY TO
GE SUPERABRASIVES, INC.**

MOLLY B. CHASE
Notary Public, State of New York
No. 01CH6092798
Qualified in Queens County
Commission Expires 05/27/20 07

Exhibit A

Patents

Patent Num	Application Serial	Title	Filing Date	DI Docket No.
4,311,490	219289	DIAMOND AND CBN ABRASIVE COMPACTS USING SIZE SELECTIVE ABRASIVE PARTICLE LAYERS	22-Dec-80	
4,525,179	542081	PROCESS FOR MAKING DIAMOND AND CUBIC BORON NITRIDE COMPACTS	14-Oct-83	
4,673,414	823893	RE-SINTERED BORON-RICH POLYCRYSTALLINE CUBIC BORON NITRIDE AND METHOD FOR MAKING SAME	29-Jan-86	
4,498,450	515448	GANG SAW FOR CUTTING BLOCKS OF STONE	20-Jul-83	
4,518,659	536221	SWEEP THROUGH PROCESS FOR MAKING POLYCRYSTALLINE COMPACTS	23-Sep-83	
4,527,998	624064	BRAZED COMPOSITE COMPACT IMPLEMENTS	25-Jun-84	
4,536,442	488003	PROCESS FOR MAKING DIAMOND AND CUBIC BORON NITRIDE COMPACTS	2-May-83	
4,605,343	652242	SINTERED POLYCRYSTALLINE DIAMOND COMPACT CONSTRUCTION WITH INTEGRAL HEAT SINK	20-Sep-84	
4,661,180	713966	METHOD OF MAKING DIAMOND TOOL	25-Mar-85	
4,690,691	830414	POLYCRYSTALLINE DIAMOND AND CBN CUTTING TOOLS	13-Feb-86	
4,738,689	920041	COATED OXIDATION RESISTANT POROUS ABRASIVE COMPACT AND METHOD FOR MAKING SAME	16-Oct-86	
4,797,138	07/048,176	POLYCRYSTALLINE DIAMOND AND CBN CUTTING TOOLS	11-May-87	
4,797,326	818850	SUPPORTED POLYCRYSTALLINE COMPACTS	14-Jan-86	
4,807,402	156272	DIAMOND AND CUBIC BORON NITRIDE	12-Feb-88	
4,810,447	697668	SYSTEM FOR IMPROVED FLAW DETECTION IN POLYCRYSTALLINE DIAMOND	4-Feb-85	
4,828,582	153466	POLYCRYSTALLINE ABRASIVE GRIT	3-Feb-88	
4,832,708	8491	SYSTEM FOR IMPROVED FLAW DETECTION IN POLYCRYSTALLINE DIAMOND	29-Jan-87	
4,842,677	224416	EXCIMER LASER PATTERNING OF A NOVEL RESIST	26-Jul-88	
4,850,523	07/158,336	BONDING OF THERMALLY STABLE ABRASIVE COMPACTS TO CARBIDE SUPPORTS	22-Feb-88	
4,883,500	262405	SAWBLADE SEGMENTS UTILIZING POLYCRYSTALLINE DIAMOND GRIT	25-Oct-88	
4,899,922	158575	BRAZED THERMALLY-STABLE POLYCRYSTALLINE DIAMOND COMPACT WORKPIECES AND THEIR FABRICATION	22-Feb-88	
4,931,363	07/365,268	BRAZED THERMALLY-STABLE POLYCRYSTALLINE DIAMOND COMPACT WORKPIECES AND THEIR FABRICATION	12-Jun-89	
4,951,427	07/358,728	REFRACTORY METAL OXIDE COATED ABRASIVES AND GRINDING WHEELS MADE THEREFROM	30-May-89	
4,954,139	331928	METHOD FOR PRODUCING POLYCRYSTALLINE COMPACT TOOL BLANKS WITH FLAT CARBIDE SUPPORT/DIAMOND OR CBN INTERFACES	31-Mar-89	
4,981,818	07/479,486	POLYCRYSTALLINE CVD DIAMOND SUBSTRATE FOR SINGLE CRYSTAL EPITAXIAL GROWTH OF SEMICONDUCTORS	13-Feb-90	
4,985,050	7/394,349	SUPPORTED THERMALLY STABLE CUBIC BORON NITRIDE TOOLS BLANKS AND METHOD FOR MAKING THE SAME	15-Aug-89	
5,009,673	07/277,875	POLYCRYSTALLINE SANDWICH COMPACTS AND METHOD FOR MAKING SAME	30-Nov-88	
5,022,801	07/555,879	CVD DIAMOND COATED TWIST DRILLS	18-Jul-90	
5,022,894	7/420,191	DIAMOND COMPACTS FOR ROCK DRILLING AND MACHINING	12-Oct-89	
5,026,960	7/429,661	CHIP BREAKER FOR POLYCRYSTALLINE CBN AND DIAMOND COMPACTS	31-Oct-89	
5,043,120	7/366,943	PROCESS FOR PREPARING POLYCRYSTALLINE CBN CERAMIC MASSES AND RESULTING PRODUCT	16-Jun-89	
5,096,736	07/563,367	CVD DIAMOND FOR COATING TWIST DRILLS	7-Aug-90	
5,106,392	07/669,124	MULTIGRAIN ABRASIVE PARTICLES	14-Mar-91	
5,106,792	7/630,916	CBN/CBN COMPOSITE MASSES AND THEIR PREPARATION	20-Dec-90	
5,110,579	07/407,179	TRANSPARENT DIAMOND FILMS AND METHOD FOR MAKING	14-Sep-89	
5,143,523	07/762,999	DUAL-COATED DIAMOND PELLETS AND SAW BLADE SEGMENTS MADE THEREWITH	20-Sep-91	
5,172,681	07/635,082	RECIPROCATING POINT ROTARY DIAMOND	28-Dec-90	
5,173,091	7/710,725	CHEMICALLY BONDED ADHERENT COATING FOR ABRASIVE COMPACTS AND METHOD FOR MAKING SAME	4-Jun-91	
5,175,929	07/845,992	METHOD FOR PRODUCING ARTICLES BY CHEMICAL VAPOR DEPOSITION	4-Mar-92	

Exhibit A

Patents

Patent Num	Application Serial Number	Title	Filing Date	DI Docket No.
5,176,803	07/815,478	METHOD FOR MAKING SMOOTH SUBSTRATE MANDRELS	4-Mar-92	
5,188,643	07/738,758	METHOD OF APPLYING METAL COATING ON CUBIC ORON NITRIDE AND ARTICLE S MADE THEREFROM	1-Aug-91	
5,190,796	07/722,575	IMPROVED METHOD OF APPLYING METAL COATINGS ON DIAMOND AND ARTICLES MADE THEREFROM	27-Jun-91	
5,190,823	07/653,556	METHOD FOR IMPROVING ADHESION OF SYNTHETIC DIAMOND COATINGS TO SUBSTRATES	11-Feb-91	
5,204,145	07/948,077	APPARATUS FOR PRODUCING DIAMOND BY CHEMICAL VAPOR DEPOSITION AND ARTICLES PRODUCED THEREFROM	21-Sep-92	
5,211,726	07/669,259	PRODUCTS AND PROCESS FOR MAKING MULTIGRAIN ABRASIVE COMPACTS	14-Mar-91	
5,232,469	07/857,139	MULTI-LAYER METAL COATED DIAMOND ABRASIVES WITH AN ELECTROLESSLY DEPOSITED METAL LAYER	25-Mar-92	
5,250,086	07/857,132	MULTI-LAYER METAL COATED DIAMOND ABRASIVES FOR SINTERED METAL BONDED TOOLS	25-Mar-92	
5,256,206	07/929,239	CVD DIAMOND FOR COATING TWIST DRILLS	14-Aug-92	
5,261,959	07/332,914	DIAMOND CRYSTAL GROWTH PROCESS	4-Apr-89	
5,266,236	07/773,461	THERMALLY STABLE DENSE ELECTRICALLY CONDUCTIVE DIAMOND COMPACTS	9-Oct-91	
5,273,557	07/577,379	TWIST DRILLS HAVING THERMALLY STABLE DIAMOND OR CBN COMPACTS TIPS	4-Sep-90	
5,273,731	07/859,753	SUBSTANTIALLY TRANSPARENT FREE STANDING DIAMOND FILMS	30-Mar-92	
5,300,129	08/005,951	COATING FOR IMPROVED RETENTION OF CBN IN VITREOUS BOND MATRICES	19-Jan-93	
5,300,313	07/991,798	METHOD FOR DETERMINING THICKNESS OF CHEMICAL VAPOR DEPOSITED LAYERS	16-Dec-92	
5,306,318	08/032,750	PROCESS FOR MAKING COATED ABRASIVES FOR GRINDING WHEELS	17-Mar-93	
5,310,447	07/744,815	SINGLE-CRYSTAL DIAMOND OF VERY HIGH THERMAL CONDUCTIVITY	12-Aug-91	
5,320,988	07/985,500	PROCESS FOR PREPARING POLYCRYSTALLINE CBN CERAMIC MASSES AND RESULTING PRODUCT	1-Dec-92	
5,346,719	08/100,406	TUNGSTEN METALIZATION OF CVD DIAMOND	2-Aug-93	
5,356,955	07/980,444	ARTIFICIAL POLYMER LATICES IN CORE-SHELL FORM AND METHOD OF PREPARATION	23-Nov-92	
5,360,479	07/547,651	ISOTOPICALLY PURE SINGLE CRYSTAL EPITAXIAL DIAMOND FILMS AND THEIR PREPARATION	2-Jul-90	
5,361,621	08/143,802	MULTIPLE GRAINED DIAMOND WIRE DIE	27-Oct-93	
5,363,687	08/121,014	DIAMOND WIRE DIE	14-Sep-93	
5,377,522	08/144,168	DIAMOND WIRE DIE WITH POSITIONED OPENING	27-Oct-93	
5,380,557	08/073,991	CARBON FLUORIDE COMPOSITIONS	3-Jun-93	
5,382,758	08/188,877	PROCESS FOR MAKING METALLIZED VIAS IN DIAMOND SUBSTRATES	31-Jan-94	
5,387,447	08/138,888	METHOD FOR PRODUCING UNIFORM CYLINDRICAL TUBES OF CVD DIAMOND	19-Oct-93	
5,387,776	08/060,459	METHOD OF SEPARATION OF PIECES FROM SUPER HARD MATERIAL BY PARTIAL LASER CUT AND PRESSURE CLEAVAGE	11-May-93	
5,391,229	08/096,392	APPARATUS FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND INCLUDING GRAPHITE SUBSTRATE HOLDERS	26-Jul-93	
5,392,633	08/016,638	MEASURING THE STRENGTH OF ABRASIVE GRAINS	12-Feb-93	
5,397,396	08/172,797	APPARATUS FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND INCLUDING THERMAL SPREADER	27-Dec-93	
5,405,573	07/857,192	DIAMOND PELLETS AND SAW BLADE SEGMENTS MADE THEREWITH	4-May-92	
5,419,276	08/163,608	SINGLE-CRYSTAL DIAMOND OF VERY HIGH THERMAL CONDUCTIVITY	6-Dec-93	
5,419,798	08/248,896	SUPPRESSION OF GRAPHITE FORMATION DURING LASER ETCHING OF DIAMOND	25-May-94	
5,424,096	08/261,358	APPARATUS AND METHOD FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND	13-Jun-94	
5,437,728	08/364,568	APPARATUS AND METHOD FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND	27-Dec-94	
5,437,891	08/264,268	CHEMICAL VAPOR DEPOSITION OF POLYCRYSTALLINE DIAMOND WITH ORIENTATION AND GROWTH FACETS	23-Jun-94	

Exhibit A

Patents

Patent Num	Application Serial	Title	Filing Date	DI Docket No.
5,439,492	07/967,461	FINE GRAIN DIAMOND WORKPIECES	28-Oct-92	
5,445,106	08/316,995	METHOD FOR MAKING HIGH THERMAL CONDUCTING DIAMOND	3-Oct-94	
5,451,430	08/238,543	METHOD FOR ENHANCING THE TOUGHNESS OF CVD DIAMOND	5-May-94	
5,264,071	07/537,963	FREE STANDING DIAMOND SHEET AND METHOD AND APPARATUS FOR MAKING SAME	13-Jun-90	
5,465,603	08/148,803	OPTICALLY IMPROVED DIAMOND WIRE DIE	5-Nov-93	
5,468,934	08/267,181	APPARATUS FOR ANNEALING DIAMOND WATER JET MIXING TUBES	15-Jun-94	
5,479,874	08/306,077	CVD DIAMOND PRODUCTION USING PREHEATING	14-Sep-94	
5,484,330	08/095,631	ABRASIVE TOOL INSERT	21-Jul-93	
5,486,137	08/271,307	ABRASIVE TOOL INSERT	6-Jul-94	
5,490,963	08/369,047	PREPARATION OF THIN FREE-STANDING DIAMOND FILMS	5-Jan-95	
5,491,002	08/400,555	MULTILAYER CVD DIAMOND FILMS	8-Mar-95	
5,494,477	08/105,523	ABRASIVE TOOL INSERT	11-Aug-93	
5,494,753	08/262,796	ARTICLES HAVING THERMAL CONDUCTORS OF GRAPHITE	20-Jun-94	
5,500,248	08/286,076	FABRICATION OF AIR BRAZABLE DIAMOND TOOL	4-Aug-94	
5,503,104	08/411,181	SYNTHETIC DIAMOND PRODUCT	27-Mar-95	
5,508,071	08/127,964	CVD DIAMOND COATING ANNULUS COMPONENTS AND METHOD OF THEIR FABRICATION	28-Sep-93	
5,510,193	08/322,841	SUPPORTED POLYCRYSTALLINE DIAMOND COMPACT HAVING A CUBIC BORON NITRIDE INTERLAYER FOR IMPROVED PHYSICAL PROPERTIES	13-Oct-94	
5,512,235	08/239,156	SUPPORTED POLYCRYSTALLINE COMPACTS HAVING IMPROVED PHYSICAL PROPERTIES AND METHOD FOR MAKING SAME	6-May-94	
5,516,554	08/150,633	CYCLIC HOT-FILAMENT CVD OF DIAMOND	10-Nov-93	
5,523,121	08/220,946	SMOOTH SURFACE CVD DIAMOND FILMS AND METHOD FOR PRODUCING SAME	31-Mar-94	
5,525,815	08/316,998	DIAMOND FILM STRUCTURE WITH HIGH THERMAL CONDUCTIVITY	3-Oct-94	
5,529,805	08/310,449	A METHOD FOR MANUFACTURING A DIAMOND ARTICLE	22-Sep-94	
5,540,904	08/368,732	ISOTOPICALLY PURE CARBON 12 AND CARBON 13 POLYCRYSTALLINE DIAMOND POSSESSING ENHANCING THERMAL CONDUCTIVITY	4-Jan-95	
5,544,254	08/400,556	CLASSIFYING AND SORTING CRYSTALLINE OBJECTS	8-Mar-95	
5,551,277	08/311,658	ANNULAR DIAMOND BODIES	23-Sep-94	
5,560,754	08/489,877	REDUCTION OF STRESSES IN THE POLYCRYSTALLINE ABRASIVE LAYER OF A COMPOSITE COMPACT IN THE IN SITU BONDED CARBIDE/CARBIDE SUPPORT	13-Jun-95	
5,567,985	08/457,551	ELECTRONIC APPARATUS WITH COMPLIANT METAL CHIP-SUBSTRATE BONDING LAYER(S)	1-Jun-95	
5,603,070	08/595,715	SUPPORTED POLYCRYSTALLINE DIAMOND COMPACT HAVING A CUBIC BORON NITRIDE INTERLAYER FOR IMPROVED PHYSICAL PROPERTIES	2-Feb-96	
5,626,909	08/350,572	FABRICATION OF BRAZABLE IN AIR TOOL INSERTS AND INSERTS FABRICATED THEREBY	7-Dec-94	
5,634,369	08/499,238	COMPOSITE DIAMOND WIRE DIE	7-Jul-95	
5,634,370	08/499,502	COMPOSITE DIAMOND WIRE DIE	7-Jul-95	
5,636,545	08/499,237	COMPOSITE DIAMOND WIRE DIE	7-Jul-95	
5,647,878	08/583,360	FABRICATION OF AIR BRAZABLE DIAMOND TOOL INSERTS AND INSERTS FABRICATED THEREBY	5-Jan-96	
5,659,415	08/605,417	ULTRAFAST OPTICAL MODULATOR	22-Feb-96	
5,660,075	08/412,050	WIRE DRAWING DIE HAVING IMPROVED PHYSICAL PROPERTIES	28-Mar-95	
5,660,936	08/551,593	A FINE GRAIN DIAMOND TOOL AND METHOD OF MANUFACTURE	1-Nov-95	
5,662,720	08/591,879	COMPOSITE POLYCRYSTALLINE DIAMOND COMPACT	26-Jan-96	
5,669,944	08/555,672	METHOD FOR PRODUCING UNIFORMLY HIGH QUALITY ABRASIVE COMPACTS	13-Nov-95	
5,672,395	08/654,815	METHOD FOR ENHANCING THE TOUGHNESS OF CVD DIAMOND	29-May-96	
5,706,135	08/538,656	DIAMOND OPTICAL PLATE BEAMSPLITTER	3-Oct-95	
5,743,346	08/611,896	AN IMPROVED ABRASIVE CUTTING ELEMENT AND DRILL BIT	6-Mar-96	

Exhibit A**Patents**

Patent Num	Application Serial Number	Title	Filing Date	DI Docket No.
5,773,140	08/616,997	SUPPORTED POLYCRYSTALLINE COMPACTS HAVING IMPROVED PHYSICAL PROPERTIES AND METHOD FOR MAKING SAME	14-Mar-96	
5,829,541	08/777,222	POLYCRYSTALLINE DIAMOND CUTTING ELEMENT WITH DIAMOND RIDGE PATTERN	27-Dec-96	
5,848,657	08/777,213	POLYCRYSTALLINE DIAMOND CUTTING ELEMENT	27-Dec-96	
5,855,996	08/571,312	ABRASIVE COMPACT WITH IMPROVED PROPERTIES	12-Dec-95	
5,858,525	08/874,769	SYNTHETIC GASKET MATERIAL FOR USE IN HIGH PRESSURE PRESSES	13-Jun-97	
5,869,015	09/072,144	METHOD FOR PRODUCING CUBIC BORON NITRIDE USING MELAMINE AS A CATALYST	4-May-98	
5,869,133	08/119,448	METHOD OF PRODUCING ARTICLES BY CHEMICAL VAPOR DEPOSITION AND THE SUPPORT MANDRELS USED THEREIN	9-Sep-93	
5,957,005	08/950,004	WIRE DRAWING DIE WITH NON-CYLINDRICAL INTERFACE CONFIGURATION FOR REDUCING STRESSES	14-Oct-97	
5,985,228	07/995,229	METHOD FOR CONTROLLING THE PARTICLE SIZE DISTRIBUTION IN THE PRODUCTION OF MULTICRYSTALLINE CUBIC BORON NITRIDE	22-Dec-92	
6,009,963	08/783,171	SUPERABRASIVE CUTTING ELEMENT WITH ENHANCED STIFFNESS, THERMAL CONDUCTIVITY AND CUTTING EFFICIENCY	14-Jan-97	
6,042,463	08/975,028	POLYCRYSTALLINE DIAMOND COMPACT CUTTER WITH REDUCED FAILURE DURING BRAZING	20-Nov-97	
6,045,440	08/975,429	POLYCRYSTALLINE DIAMOND COMPACT (PDC) CUTTER WITH IMPROVED CUTTING CAPABILITY	20-Nov-97	
6,102,143	09/072,471	SHAPED POLYCRYSTALLINE CUTTER ELEMENTS	4-May-98	
6,126,741	09/206,721	POLYCRYSTALLINE CARBON CONVERSION	7-Dec-98	

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Patent Num	Application Serial	Title	Filing Date	DI Docket No.
6,132,675	09/087,776	ABRASIVE COMPACT WITH IMPROVED PROPERTIES	29-May-98	
6,152,977	09/201,384	SURFACE-FUNCTIONALIZED DIAMOND CRYSTALS AND METHOD FOR PRODUCING SAME	30-Nov-98	
6,196,910	09/131,460	POLYCRYSTALLINE DIAMOND COMPACT CUTTER WITH IMPROVED CUTTING BY PREVENTING CHIP BUILD UP	10-Aug-98	
6,242,351	09/591,189	DIAMOND MICRO SLURRY FOR CHEMICAL-MECHANICAL PLANARIZATION OF SEMI CONDUCTOR WAFERS	9-Jun-00	
6,258,721	09/472,104	DIAMOND MICRO SLURRY FOR CHEMICAL-MECHANICAL PLANARIZATION OF SEMI CONDUCTOR WAFERS	27-Dec-99	
6,260,640	09/492,095	AXISYMMETRIC CUTTING ELEMENT	27-Jan-00	
6,314,836	09/358,271	WIRE DRAWING DIE WITH NON-CYLINDRICAL INTERFACE CONFIGURATION FOR REDUCING STRESSES	21-Jul-99	
6,315,652	09/845,540	ABRASIVE TOOL INSERTS AND THEIR PRODUCTION	30-Apr-01	
6,319,608	09/570,957	TITANIUM CHROMIUM ALLOY COATED DIAMOND CRYSTALS FOR USE IN SAW BLADE SEGMENTS AND METHOD FOR THEIR PRODUCTION	15-May-00	
6,322,891	09/561,128	THERMALLY-DIFFUSED BORON DIAMOND AND ITS PRODUCTION	28-Apr-00	
6,350,191	09/484,389	SURFACE-FUNCTIONALIZED DIAMOND CRYSTALS AND METHOD FOR PRODUCING SAME	14-Jan-00	
6,372,002	09/576,794	FUNCTIONALIZED DIAMONDS WITH ENHANCED RETENTION IN RESIN BONDS, REACTIONS AND METHODS FOR PRODUCING SAME, AND ABRASIVES USING FUNCTIONALIZED DIAMONDS	23-May-00	
6,375,446	09/740,777	HIGH PRESSURE APPARATUS HAVING TRANSITION SLOPE BINDING RING THAT MITIGATES TENSILE STRESSES AND CORRESPONDING METHOD	19-Dec-00	
6,377,340	09/430,477	METHOD OF DETECTION OF NATURAL DIAMONDS THAT HAVE BEEN PROCESSED AT HIGH PRESSURE AND HIGH TEMPERATURES	29-Oct-99	
6,406,776	09/484,392	SURFACE-FUNCTIONALIZED DIAMOND CRYSTALS AND METHOD FOR PRODUCING SAME	14-Jan-00	
6,475,254	09/987,863	FUNCTIONALLY GRADED COATINGS FOR ABRASIVE PARTICLES AND USE THEREOF IN VITREOUS MATRIX COMPOSITES	16-Nov-01	
6,541,115	09/793,312	METAL-INFILTRATED POLYCRYSTALLINE DIAMOND COMPOSITE TOOL FORMED FROM COATED DIAMOND PARTICLES	26-Feb-01	
6,596,040	10/174,914	FUNCTIONALLY GRADED COATINGS FOR ABRASIVE PARTICLES AND USE THEREOF IN VITREOUS MATRIX COMPOSITES	19-Jun-02	
6,666,753	09/776,141	SILVER-COATED ABRASIVES, TOOLS CONTAINING SILVER-COATED ABRASIVES, AND APPLICATIONS OF THESE TOOLS	2-Feb-01	
D317010	07/192,872	STUD-MOUNTED POLYCRYSTALLINE TOOTHED DIAMOND CUTTING BLANKS	11-May-88	
D324056	332828	INTERLOCKING MOUNTED ABRASIVE COMPACTS	3-Apr-89	
D324527	07/328,348	STUD-MOUNTED POLYCRYSTALLINE DIAMOND CUTTING BLANK	24-Mar-89	
D324226	332814	INTERLOCKING MOUNTED ABRASIVE COMPACTS	3-Apr-89	
D330206	328347	STUD-MOUNTED POLYCRYSTALLINE DIAMOND CUTTING BLANKS	24-Mar-89	

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Patent Num	Application Serial Number	Title	Filing Date	DI Docket No.
	08/779,417	COATED CBN POLYCRYSTALLINE SUPERABRASIVE TOOLS	7-Jan-97	128346.64701
	09/729,525	ABRASIVE DIAMOND COMPOSITE AND METHOD OF MAKING THEREOF	4-Dec-00	128346.12001
	09/737,667	JADEITE AND ITS PRODUCTION	15-Dec-00	128346.41701
	09/783,441	SURFACE ENRICHED DIAMOND AND METHOD OF MAKING	14-Feb-01	128346.32311
	09/799,192	JADEITE AND ITS PRODUCTION	5-Mar-01	128346.41711
	09/901,159	SURFACE MODIFICATION OF COATED ABRASIVES TO ENHANCE THEIR ADHESION IN RESIN BOND TOOLS	9-Jul-01	128346.11201
	09/931,312	HIGH PRESSURE PRODUCTION OF PEROVSKITES	16-Aug-01	128346.41801
	09/935,957	BORON DOPED BLUE DIAMOND AND ITS PRODUCTION	23-Aug-01	128346.32101
	09/988,244	CRYSTAL MIXING FOR LOW POWER GRINDING	16-Nov-01	128346.31901
	10/001,573	LOW OXYGEN CUBIC BORON NITRIDE	2-Nov-01	128346.31801
	10/014,547	METHOD AND APPARATUS FOR CUTTING GRANITE	14-Dec-01	128346.32001
	10/069,362	HIGH PRESSURE/HIGH TEMPERATURE PRODUCTION OF COLORED DIAMONDS	25-Aug-00	128346.41501
	10/161,266	ENHANCED METHOD FOR MAKING CVD DIAMOND	3-Jun-02	128346.84901
	10/183,098	MATRIX CUTTER	25-Jun-02	128346.78501
	10/255,431	METAL-INFILTRATED POLYCRYSTALLINE DIAMOND COMPOSITE TOOL FORMED FROM COATED DIAMOND PARTICLES	26-Sep-02	128346.65801
	10/338,136	HIGH PRESSURE/HIGH TEMPERATURE PRODUCTION OF COLORLESS AND FANCY COLORED DIAMONDS	8-Jan-03	128346.41421
	10/344,249	HIGH PRESSURE AND HIGH TEMPERATURE PRODUCTION OF DIAMONDS	11-Feb-03	128346.41601
	10/411,471	COATED CBN POLYCRYSTALLINE SUPERABRASIVE TOOLS	8-Apr-03	128346.64711
	10/437,469	POLYCRYSTALLINE DIAMOND CUTTERS AND ENHANCED IMPACT RESISTANCE	8-Jul-03	128346.70201
	10/437,516	A SINTERED COMPACT FOR USE IN MACHINING CHEMICALLY REACTIVE MATERIALS	14-May-03	128346.60301
	10/690,761	SUPERABRASIVE TOOLS PRESS-FIT INTO CARBIDE SUBSTRATES TO ELIMINATE HOT-BRAZING IN TOOL FABRICATION	22-Oct-03	128346.60701
	10/731,066	METHOD TO IMPROVE WEAR UNIFORMITY OF DIAMOND-CONTAINING SEGMENTS ON BLADES FOR STABBING GRANITE	9-Dec-03	128346.30101
	10/737,541	HIGH PRESSURE AND HIGH TEMPERATURE PRODUCTION OF DIAMONDS	12-Dec-03	128346.41411
	60/139,654	METHOD AND APPARATUS FOR CUTTING GRANITE	17-Jun-99	128346.32000
	60/224,485	HIGH PRESSURE AND HIGH TEMPERATURE PRODUCTION OF DIAMONDS	11-Aug-00	128346.41600
	60/399,778	SCRATCH-PROOF COMPOSITE WATCH GLASS	31-Jul-02	128346.40100
	60/438,957	AUTOCATALYTIC NICKEL-BORON COATING PROCESS FOR DIAMOND PARTICLES	9-Jan-03	128346.10100
	60/440,455	ARTICLES COMPRISING AN ABRASION-RESISTANT RESINOUS SKIN INTEGRALLY BONDED WITH GRADED INTERFACE TO A RESINOUS CORE MATERIAL	15-Jan-03	128346.40700
	60/445,609	WEAR AND CORROSION PREVENTION IN FIREARMS	7-Feb-03	128346.40800
	60/445,610	CLIPPER BLADE SETS AND COMBS WITH IMPROVED WEAR RESISTANCE	7-Feb-03	128346.41000
	60/445,613	PCD AND PCBN TOOL BLANKS WITH PREFIXED BRAZE ALLOY	7-Feb-03	128346.60500
	60/445,614	WEAR CONTROL IN CONTINUOUS GLASS FIBER PLANTS	7-Feb-03	128346.40400
	60/445,615	IMPROVED WEAR RESISTANT COMPONENTS FOR SIZE REDUCTION AND SIZE CLASSIFICATION EQUIPMENT	7-Feb-03	128346.40300
	60/445,631	EXTRUSION AND COMPOUNDING EQUIPMENT COMPONENTS WITH IMPROVED WEAR RESISTANCE	7-Feb-03	128346.40200
	60/445,632	AIRCRAFT ENGINE WEAR PARTS	7-Feb-03	128346.40900
	60/445,633	WEAR AND CORROSION RESISTANT ORIFICE AND RELATED COMPONENTS	7-Feb-03	128346.40600
	60/445,659	WEAR-RESISTANT DRILL BIT BODIES AND OTHER COMPONENTS FOR OIL AND GAS DRILLING	7-Feb-03	128346.40500
	60/447,808	IMPROVED WEAR PERFORMANCE TOOLS FOR METAL, PLASTIC, CERAMIC AND COMPOSITE FORMING	14-Feb-03	128346.41100
	60/453,487	IMPROVED TOOLS FOR MACHINING FIBER CEMENTS	11-Mar-03	128346.60000
	60/464,517	ARTICLES COMPRISING AN ABRASION-RESISTANT RESINOUS SKIN INTEGRALLY BONDED WITH GRADED INTERFACE TO A RESINOUS CORE MATERIAL	22-Apr-03	128346.40710

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Patent Num	Application Serial Number	Title	Filing Date	DI Docket No.
	10/411,471	COATED CBN POLYCRYSTALLINE SUPERABRASIVE TOOLS	8-Apr-03	128346.64711
	10/262,784	BORON DOPED BLUE DIAMOND AND ITS PRODUCTION	2-Oct-02	128346.32111
	60/467,311	A METHOD OF MAKING ABRASIVE TOOLS FROM BI-MODAL DIAMOND OR CUBIC BORON NITRIDE POWDER	2-May-03	128346.60700
	60/469,285	COATINGS WITH HIGHLY TORTUOUS SURFACE TOPOGRAPHY FOR ABRASIVE/SUPERABRASIVE PARTICLES USED IN	8-May-03	128346.10300
	60/469,287	DRILL BITS, ROUTER BITS, PROFILE CUTTERS, FILES, PLANING AND SAW BLADES WITH IMPROVED WEAR RESISTANCE	9-May-03	128346.41200
	60/470,306	SUPERABRASIVE TOOLS PRESS-FIT INTO CARBIDE SUBSTRATES TO ELIMINATE HOT-BRAZING IN TOOL FABRICATION	14-May-03	128346.60700
	60/509,625	SELECTION OF DIAMONDS GRIT MORPHOLOGY AND SIZE DISTRIBUTION FOR CMP CONDITIONER APPLICATION	8-Oct-03	128346.30200
	60/528,372	COMPRESSION CONTAINER FOR POLYCRYSTALLINE WIRE DIE	10-Dec-03	128346.20100
	10/621,710	METHOD FOR PRODUCING SINTERED POLYCRYSTALLINE DIAMOND ON TUNGSTEN CARBIDE SUBSTRATES	17-Jul-03	128346.60401
	60/495,148	METHOD TO IMPROVE TOOL INTEGRITY WHEN CUTTING STONE	14-Aug-03	128346.30300
	60/526,576	Cubic Boron Nitride Sintered Body and Method for Making the Same	3-Dec-03	128346.60900
	60/523,321	Grinding Wheel for Roll Grinding Application and Method of Roll Grinding Thereof	23-Dec-03	128346.33300
	60/473,511	POLYCRYSTALLINE DIAMOND TIPSON CUTTERS FOR HIGH SPEED DISC SAWHEADS FOR APPLICATION IN THE TIMBER INDUSTRY	23-May-03	128346.60100
	10/172,034	LASER SUPPORT NICKEL-PLATING OF SUPERABRASIVE TOOL	14-Jun-02	128346.10201
	10/455,008	CUTTING TOOL WITH TWO-SLOPE PROFILE DESIGNED WITH MINIMIZED AXIAL SURFACE RESIDUAL STRESSES	5-Jun-03	128346.70101
	10/411,471	COATED CBN POLYCRYSTALLINE SUPERABRASIVE TOOLS	8-Apr-03	128346.64711

APPENDIX A

**CONFIRMATORY ASSIGNMENT OF PATENTS
GENERAL ELECTRIC COMPANY TO
GE SUPERABRASIVES, INC.**

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**PATENT
REEL: 015908 FRAME: 0915**

Docket Number	Title	Filing Country	Country Code	Filing No./Type/Status	Filing Date	Agent	Comments
112200 [Filed]	POLYCRYSTALLINE DIAMOND TIPS ON CUTTERS FOR HIGH SPEED DISC SAWHEADS FOR APPLICATION IN THE TIMBER INDUSTRY	United States	US	Provisional [Filed] S/N: 60/473511	23-May-03		
123571 [Filed]	AUTOCATALYTIC NICKEL-BORON COATING PROCESS FOR DIAMOND PARTICLES	United States	US	Provisional [Filed] S/N: 60/436957	9-Jan-03		
123989 [Filed]	LASER SUPPORT NICKEL-PLATING OF SUPERABRASIVE TOOL	United States	US	S/N: 10/172,034	14-Jun-02		
124337 [Filed]	CUTTING TOOL INSERT DESIGNED WITH MINIMIZED RESIDUAL TENSILE STRESSES	United States	US	Provisional [Filed] S/N: 60/395,182	10-Jul-02		
124337 [Filed]	CUTTING TOOL INSERT DESIGNED WITH MINIMIZED RESIDUAL TENSILE STRESSES	United States	US	S/N: 10/458903 P/N: 8866753	11-Jun-03		
125174 [Filed]	CUTTING TOOL WITH TWO-SLOPE PROFILE DESIGNED WITH MINIMIZED AXIAL SURFACE RESIDUAL STRESSES	United States	US	Provisional [Filed] S/N: 60/395,181	10-Jul-02		
125174 [Filed]	CUTTING TOOL WITH TWO-SLOPE PROFILE DESIGNED WITH MINIMIZED AXIAL SURFACE RESIDUAL STRESSES	United States	US	S/N: 10/455008	5-Jun-03		
125185 [Filed]	METHOD TO IMPROVE WEAR UNIFORMITY OF DIAMOND-CONTAINING SEGMENTS ON BLADES FOR STABBING GRANITE	United States	US	Provisional [Filed] S/N: 60/432222	10-Dec-02		
125186 [Filed]	METHOD TO IMPROVE WEAR UNIFORMITY OF DIAMOND-CONTAINING SEGMENTS ON BLADES FOR STABBING GRANITE	United States	US	S/N 10/731,066	9-Dec-03		
125877 [Filed]	POLYCRYSTALLINE DIAMOND CUTTERS AND ENHANCED IMPACT RESISTANCE	United States	US	Provisional [Filed] S/N: 60/382209	21-May-02		
125877 [Filed]	POLYCRYSTALLINE DIAMOND CUTTERS AND ENHANCED IMPACT RESISTANCE	United States	US	S/N: 10/437469	8-Jul-03		
125877 [Filed]	POLYCRYSTALLINE DIAMOND CUTTERS AND ENHANCED IMPACT RESISTANCE	United States	US	125877 - 7 Original [Filed]			
126337 [Filed]	SCRATCH-PROOF COMPOSITE WATCH GLASS	United States	US	Provisional [Filed] S/N: 60/399778	31-Jul-02		
126360 [Filed]	A SINTERED COMPACT FOR USE IN MACHINING CHEMICALLY REACTIVE MATERIALS	United States	US	Provisional [Filed] S/N: 60/391707	28-Jun-02		
126360 [Filed]	A SINTERED COMPACT FOR USE IN MACHINING CHEMICALLY REACTIVE MATERIALS	United States	US	S/N: 10/437516	14-May-03		
126855 [Filed]	METHOD FOR PRODUCING SINTERED POLYCRYSTALLINE DIAMOND ON TUNGSTEN CARBIDE SUBSTRATES	United States	US	Provisional [Filed] S/N: 60/414887	1-Oct-02		
126855 [Filed]	METHOD FOR PRODUCING SINTERED POLYCRYSTALLINE DIAMOND ON TUNGSTEN CARBIDE SUBSTRATES	United States	US	S/N 10/621,710	17-Jul-03		
129177 [Filed]	EXTRUSION AND COMPOUNDING EQUIPMENT COMPONENTS WITH IMPROVED WEAR RESISTANCE	United States	US	Provisional [Filed] S/N: 60/445631	7-Feb-03		
129178 [Filed]	IMPROVED WEAR RESISTANT COMPONENTS FOR SIZE REDUCTION AND SIZE CLASSIFICATION EQUIPMENT	United States	US	Provisional [Filed] S/N: 60/445615	7-Feb-03		

Doc#	Title	Filing Country	Country Code	Filing No./Type/SN/PPN	Filing Date	Agent	Comments
129182 (Filed)	WEAR CONTROL IN CONTINUOUS GLASS FIBER PLANTS	United States	US	Provisional (Filed) S/N: 60/445614	7-Feb-03		
129184 (Filed)	WEAR-RESISTANT DRILL BIT BODIES AND OTHER COMPONENTS FOR OIL AND GAS DRILLING	United States	US	Provisional (Filed) S/N: 60/445659	7-Feb-03		
129892 (Filed)	WEAR AND CORROSION RESISTANT ORIFICE AND RELATED COMPONENTS	United States	US	Provisional (Filed) S/N: 60/445633	7-Feb-03		
130335 (Filed)	ARTICLES COMPRISING AN ABRASION-RESISTANT RESINOUS SKIN INTEGRALLY BONDED WITH GRADED INTERFACE TO A RESINOUS CORE MATERIAL	United States	US	Provisional (Filed) S/N: 60/440455	15-Jan-03		
130335 (Filed)	ARTICLES COMPRISING AN ABRASION-RESISTANT RESINOUS SKIN INTEGRALLY BONDED WITH GRADED INTERFACE TO A RESINOUS CORE MATERIAL	United States	US	Provisional (Filed) S/N: 60/464517	22-Apr-03		
131068 (Filed)	WEAR AND CORROSION PREVENTION IN FIREARMS	United States	US	Provisional (Filed) S/N: 60/445609	7-Feb-03		
132255 (Filed)	AIRCRAFT ENGINE WEAR PARTS	United States	US	Provisional (Filed) S/N: 60/445632	7-Feb-03		
132270 (Filed)	CLIPPER BLADE SETS AND COMBS WITH IMPROVED WEAR RESISTANCE	United States	US	Provisional (Filed) S/N: 60/445610	7-Feb-03		
132876 (Filed)	SELECTION OF DIAMONDS GRIT MORPHOLOGY AND SIZE DISTRIBUTION FOR CMP CONDITIONER APPLICATION	United States	US	Provisional (Filed) S/N: 60/509,625	8-Oct-03		
133139 (Filed)	IMPROVED WEAR PERFORMANCE TOOLS FOR METAL, PLASTIC, CERAMIC AND COMPOSITE FORMING	United States	US	Provisional (Filed) S/N: 60/447808	14-Feb-03		
133140 (Filed)	PCD AND PCBN TOOL BLANKS WITH PREFIXED BRAZE ALLOY	United States	US	Provisional (Filed) S/N: 60/445613	7-Feb-03		
133141 (Filed)	COATINGS WITH HIGHLY TORTUOUS SURFACE TOPOGRAPHY FOR ABRASIVE/SUPERABRASIVE PARTICLES USED IN METALS/CERAMIC/POLYMER MATRIX COMPOSITES	United States	US	Provisional (Filed) S/N: 60/469285	8-May-03		
133615 (Filed)	IMPROVED TOOLS FOR MACHINING FIBER CEMENTS	United States	US	Provisional (Filed) S/N: 60/453,487	11-Mar-03		
133794 (Filed)	SUPERABRASIVE TOOLS PRESS-FIT INTO CARBIDE SUBSTRATES TO ELIMINATE HOT-BRAZING IN TOOL FABRICATION	United States	US	Provisional (Filed) S/N: 60/470308	14-May-03		
133794 (Filed)	SUPERABRASIVE TOOLS PRESS-FIT INTO CARBIDE SUBSTRATES TO ELIMINATE HOT-BRAZING IN TOOL FABRICATION	United States	US	S/N 10/690,761	22-Oct-03		
133920 (Filed)	DRILL BITS, ROUTER BITS, PROFILE CUTTERS, FILES, PLANING AND SAW BLADES WITH IMPROVED WEAR RESISTANCE	United States	US	Provisional (Filed) S/N: 60/469287	9-May-03		
133975 (Filed)	METHOD TO IMPROVE TOOL INTEGRITY WHEN CUTTING STONE	United States	US	Provisional (Filed) S/N: 60/495,488	14-Aug-03		
135143 (Filed)	A METHOD OF MAKING ABRASIVE TOOLS FROM BI-MODAL DIAMOND OR CUBIC BORON NITRIDE POWDER	United States	US	Provisional (Filed) S/N: 60/467311	2-May-03		

Coil Number	Title	Filing Country	Country Code	Filing No./Type/Status	Filing Date	Agent	Comments
136256 (Filed)	SINTERED COMPACT FOR USE IN MACHINING VARIOUS CAST IRON MATERIALS	United States	US	Provisional (Filed) S/N 64/526,576	3-Dec-03		
146361 (Filed)	COMPRESSION CONTAINER FOR POLYCRYSTALLINE WIRE DIE	United States	US	Provisional (Filed) S/N 64/528,372	10-Dec-03		
60SD10 (Filed)	DIAMOND AND CBN ABRASIVE COMPACTS USING SIZE SELECTIVE ABRASIVE PARTICLES	United States	US	SIN: 219289 PIN: 4311490	7-Sep-88		
60SD147 (Filed)	RE-SINTERED BORON-RICH POLYCRYSTALLINE CUBIC BORON NITRIDE AND METAL FOR MAKING SAME	United States	US	SIN: 823993 PIN: 4673414	29-Jan-86		
60SD184 (Filed)	GANG SAW FOR CUTTING BLOCKS OF STONE	United States	US	SIN: 515448 PIN: 4498450	20-Jul-83		
60SD240 (Filed)	PROCESS FOR MAKING DIAMOND AND CUBIC BORON NITRIDE COMPACTS	United States	US	SIN: 542081 PIN: 4525179	14-Oct-83		
60SD242 (Filed)	PROCESS FOR MAKING DIAMOND AND CUBIC BORON NITRIDE COMPACTS	United States	US	SIN: 468003 PIN: 4538442	2-May-83		
60SD245 (Filed)	MERGED WITH 60-SD-259 FOR FILING	United States	US	SIN: 818850 PIN: 4797326	14-Jan-86		
60SD2459 (Filed)	SUPPORTED POLYCRYSTALLINE COMPACTS	United States	US	SIN: 818850 PIN: 4797326	14-Jan-86		
60SD246 (Filed)	GANG SAW FOR CUTTING BLOCKS OF STONE	United States	US	SIN: 515448 PIN: 4498450	20-Jul-83		
60SD249 (Filed)	SWEEP THROUGH PROCESS FOR MAKING POLYCRYSTALLINE COMPACTS	United States	US	SIN: 536221 PIN: 4518659	23-Sep-83		
60SD251 (Filed)	IMPROVED PROCESS FOR MAKING DIAMOND AND CUBIC BORON NITRIDE COMPACTS	United States	US	SIN: 552081 PIN: 4525179	14-Oct-83		
60SD254 (Filed)	COATED OXIDATION-RESISTANT POROUS ABRASIVE COMPACT AND METHOD FOR MAKING SAME	United States	US	SIN: 061820041 PIN: 4739689	16-Oct-86		
60SD256 (Filed)	POLYCRYSTALLINE SANDWICH COMPACTS AND METHOD FOR MAKING SAME	United States	US	SIN: 07277875 PIN: 5009673	30-Nov-88		
60SD257 (Filed)	SYSTEM FOR IMPROVED FLAW DETECTION IN POLYCRYSTALLINE DIAMOND	United States	US	SIN: 607668 PIN: 4810447	4-Feb-85		
60SD257 (Filed)	SYSTEM FOR IMPROVED FLAW DETECTION IN POLYCRYSTALLINE DIAMOND	United States	US	SIN: 8491 PIN: 4832708	27-Jan-87		
60SD261 (Filed)	PROCESS FOR PREPARING POLYCRYSTALLINE CBN CERAMIC MASSES AND RESULTING PRODUCT	United States	US	SIN: 71366943 PIN: 5043120	16-Jun-89		
60SD262 (Filed)	BRAZED COMPOSITE COMPACT IMPLEMENTS	United States	US	SIN: 624084 PIN: 4527998	25-Jun-84		
60SD303 (Filed)	REFRACTORY METAL OXIDE COATED ABRASIVES AND GRINDING WHEELS MADE THEREFROM	United States	US	SIN: 07358728 PIN: 4951427	30-May-89		
60SD305 (Filed)	STUD-MOUNTED POLYCRYSTALLINE TOOTHED DIAMOND CUTTING BLANKS	United States	US	SIN: 71192872 PIN: D317010	11-May-88		
60SD308 (Filed)	POLYCRYSTALLINE DIAMOND COMPACT WORKPIECES AND THEIR FABRICATION	United States	US	SIN: 71565268 PIN: 4931363	12-Jun-89		

Coyle Number	Title	Filing Country	Country Code	Filing No./Type/Status/PIN	Filing Date	Agent	Comments
60SD30811 [Filed]	GRAZED THERMALLY-STABLE POLYCRYSTALLINE DIAMOND COMPACT WORKPIECES AND THEIR FABRICATION	United States	US	S/N: 156575 P/N: 4899922	22-Feb-88		
60SD317 [Filed]	COATED OXIDATION-RESISTANT POROUS ABRASIVE COMPACT AND METHOD FOR MAKING SAME	United States	US	S/N: 920041 P/N: 4736689	16-Oct-86		
60SD318 [Filed]	BONDING OF THERMALLY STABLE ABRASIVE COMPACTS TO CARBIDE SUPPORTS	United States	US	S/N: 07158336 P/N: 4850523	22-Feb-88		
60SD327 [Filed]	SYSTEM FOR IMPROVED FLAW DETECTION IN POLYCRYSTALLINE DIAMOND	United States	US	S/N: 008491 P/N: 4832708	29-Jan-87		
60SD333 [Filed]	OPTICAL WINDOWS MADE OF POLYCRYSTALLINE ADAMANTANE BORON NITRIDE OR DIAMOND	United States	US	S/N: 488003 P/N: 4536442	2-May-83		
60SD332 [Filed]	METHOD OF MAKING DIAMOND TOOL	United States	US	S/N: 713966 P/N: 4661180	25-Mar-85		
60SD333 [Filed]	POLYCRYSTALLINE ABRASIVE GRIT	United States	US	S/N: 153466 P/N: 4828582	3-Feb-88		
60SD333V [Filed]	POLYCRYSTALLINE ABRASIVE GRIT	United States	US	S/N: 793462 P/N: 4828582	1-Sep-88		
60SD358 [Filed]	PRODUCTS AND PROCESS FOR MAKING MULTIGRAIN ABRASIVE COMPACTS	United States	US	S/N: 07869259 P/N: 5211726	14-Mar-91		
60SD364 [Filed]	MULTIGRAIN ABRASIVE PARTICLES	United States	US	S/N: 07869124 P/N: 5106392	14-Mar-91		
60SD367 [Filed]	CHIP BREAKER FOR POLYCRYSTALLINE CBN AND DIAMOND COMPACTS	United States	US	S/N: 71429661 P/N: 5026960	31-Oct-89		
60SD368 [Filed]	DIAMOND AND CUBIC BORON NITRIDE	United States	US	S/N: 156272 P/N: 4807402	12-Feb-88		
60SD389 [Filed]	STUD-MOUNTED POLYCRYSTALLINE DIAMOND CUTTING BLANKS	United States	US	S/N: 328347 P/N: D330206	24-Mar-89		
60SD390 [Filed]	RECIPROCATING POINT ROTARY DIAMOND	United States	US	S/N: 07835082 P/N: 5172681	28-Dec-90		
60SD401 [Filed]	INTERLOCKING MOUNTED ABRASIVE COMPACTS	United States	US	S/N: 332814 P/N: D325226	3-Apr-89		
60SD412 [Filed]	SAWBLADE SEGMENTS UTILIZING POLYCRYSTALLINE DIAMOND GRIT	United States	US	S/N: 262405 P/N: 4883600	25-Oct-88		
60SD419 [Filed]	SUPPORTED THERMALLY STABLE CUBIC BORON NITRIDE TOOLS BLANKS AND METHOD FOR MAKING THE SAME	United States	US	S/N: 7384349 P/N: 4985050	15-Aug-89		
60SD428 [Filed]	DIAMOND COMPACTS FOR ROCK DRILLING AND MACHINING	United States	US	S/N: 71420191 P/N: 5022894	12-Oct-89		
60SD437 [Filed]	METHOD FOR PRODUCING POLYCRYSTALLINE COMPACT TOOL BLANKS WITH FLAT CARBIDE SUPPORT/DIAMOND OR CBN INTERFACES	United States	US	S/N: 331928 P/N: 4954139	31-Mar-89		
60SD439 [Filed]	STUD-MOUNTED POLYCRYSTALLINE DIAMOND CUTTING BLANK	United States	US	S/N: 328348 P/N: D324527	24-Mar-89		
60SD439 [Filed]	STUD-MOUNTED POLYCRYSTALLINE DIAMOND CUTTING BLANK	United States	US	S/N: 71328348 P/N: 324527	24-Mar-89		
60SD440 [Filed]	INTERLOCKING MOUNTED ABRASIVE COMPACTS	United States	US	S/N: 332828 P/N: D324056	3-Apr-89		
60SD455 [Filed]	CBN/CBN COMPOSITE MASSES AND THEIR PREPARATION	United States	US	S/N: 7830916 P/N: 5106792	20-Dec-90		
60SD458 [Filed]	MULTI-LAYER METAL COATED DIAMOND ABRASIVES FOR SINTERED METAL BONDED TOOLS	United States	US	S/N: 07857132 P/N: 5250086	25-Mar-92		

Doc#	Title	Filing Country	Country	Filing No./Type/SN/UPN	Filing Date	Agent	Comments
60SD643 [Filed]	SUPPORTED POLYCRYSTALLINE DIAMOND COMPACT HAVING A CUBIC BORON NITRIDE INTERLAYER FOR IMPROVED PHYSICAL PROPERTIES	United States	US	S/N: 08/322841 P/N: 5510193	13-Oct-94		
60SD643 [Filed]	SUPPORTED POLYCRYSTALLINE DIAMOND COMPACT HAVING A CUBIC BORON NITRIDE INTERLAYER FOR IMPROVED PHYSICAL PROPERTIES	United States	US	S/N: 08/595715 P/N: 5603070	2-Feb-96		
60SD645 [Filed]	PREPARATION OF THIN FREE-STANDING DIAMOND FILMS	United States	US	S/N: 08/369047 P/N: 5490963	5-Jan-95		
60SD647 [Filed]	FINE GRAIN DIAMOND WORKPIECES	United States	US	S/N: 07/967461 P/N: 5439492	28-Oct-92		
60SD652 [Filed]	ABRASIVE TOOL INSERT SEE CIP 60SD00658	United States	US	S/N: 08/095631 P/N: 5484330	21-Jul-93		
60SD652 [Filed]	ABRASIVE TOOL INSERT SEE CIP 60SD00658	United States	US	S/N: 08/271307 P/N: 5486137	6-Jul-94		
60SD653 [Filed]	REDUCTION OF STRESSES IN THE POLYCRYSTALLINE ABRASIVE LAYER OF A COMPOSITE COMPACT IN THE IN SITU BONDED CARBIDE SUPPORT	United States	US	S/N: 08/489877 P/N: 5560754	13-Jun-95		
60SD658 [Filed]	ABRASIVE TOOL INSERT SEE CIP	United States	US	S/N: 08/105523 P/N: 5494477	11-Aug-93		
60SD660 [Filed]	PROCESS FOR PREPARING POLYCRYSTALLINE CARBON CERAMIC MASSES AND RESULTING PRODUCT	United States	US	S/N: 07/865500 P/N: 5320968	1-Dec-92		
60SD662 [Filed]	METHOD OF SEPARATION OF PIECES FROM SUPER HARD MATERIAL BY PARTIAL LASER CUT AND PRESSURE CLEAVAGE	United States	US	S/N: 08/060459 P/N: 5387778	11-May-93		
60SD664 [Filed]	CLASSIFYING AND SORTING CRYSTALLINE OBJECTS	United States	US	S/N: 08/400556 P/N: 5544254	8-Mar-95		
60SD665 [Filed]	MEASURING THE STRENGTH OF ABRASIVE GRAINS	United States	US	S/N: 08/076638 P/N: 5392633	12-Feb-93		
60SD669 [Filed]	PROCESS FOR MAKING COATED ABRASIVES FOR GRINDING WHEELS	United States	US	S/N: 08/032750 P/N: 5306318	17-Mar-93		
60SD690 [Filed]	MULTIPLE GRAINED DIAMOND WIRE DIE	United States	US	S/N: 08/143802 P/N: 5361821	27-Oct-93		
60SD691 [Filed]	OPTICALLY IMPROVED DIAMOND WIRE DIE	United States	US	S/N: 08/149803 P/N: 5465603	5-Nov-93		
60SD693 [Filed]	ABRASIVE COMPACT WITH IMPROVED PROPERTIES	United States	US	S/N: 08/571312 P/N: 5855998	12-Dec-95		
60SD693 [Filed]	ABRASIVE COMPACT WITH IMPROVED PROPERTIES	United States	US	S/N: 09/087776 P/N: 6132675	29-May-96		
60SD694 [Filed]	DIAMOND WIRE DIE	United States	US	S/N: 08/121014 P/N: 5363687	14-Sep-93		
60SD698 [Filed]	ABRASIVE TOOL INSERT	United States	US	S/N: 08/271307 P/N: 5486137	6-Jul-94		
60SD698 [Filed]	CVD DIAMOND COATING ANNULUS COMPONENTS AND METHOD OF THEIR FABRICATION	United States	US	S/N: 08/127964 P/N: 5508071	28-Sep-93		
60SD701 [Filed]	DIAMOND WIRE DIE WITH POSITIONED OPENING	United States	US	S/N: 08/144168 P/N: 5377522	27-Oct-93		
60SD708 [Filed]	A METHOD FOR MANUFACTURING A DIAMOND ARTICLE	United States	US	S/N: 08/310449 P/N: 5529605	22-Sep-94		
60SD708 [Filed]	FABRICATION OF AIR BRAZABLE DIAMOND TOOL INSERTS AND INSERTS FABRICATED THEREBY	United States	US	S/N: 08/286076 P/N: 5500248	4-Aug-94		
60SD709 [Filed]	FABRICATION OF AIR BRAZABLE DIAMOND TOOL INSERTS AND INSERTS FABRICATED THEREBY	United States	US	S/N: 08/583360 P/N: 5647878	5-Jan-96		

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60SD712	[Filed]	METHOD FOR ENHANCING THE TOUGHNESS OF CVD DIAMOND	United States	US	S/N: 08/238543 P/N: 5451430	5-May-94		
60SD713	[Filed]	METHOD FOR ENHANCING THE TOUGHNESS OF CVD DIAMOND	United States	US	S/N: 08/654815 P/N: 5672395	29-May-96		
60SD714	[Filed]	ANNULAR DIAMOND BODIES	United States	US	S/N: 08/311658 P/N: 5551277	23-Sep-94		
60SD715	[Filed]	SUPPORTED POLYCRYSTALLINE COMPACTS HAVING IMPROVED PHYSICAL PROPERTIES AND METHOD FOR MAKING SAME	United States	US	S/N: 08/239155 P/N: 5512235	6-May-94		
60SD715	[Filed]	SUPPORTED POLYCRYSTALLINE COMPACTS HAVING IMPROVED PHYSICAL PROPERTIES AND METHOD FOR MAKING SAME	United States	US	S/N: 08/616997 P/N: 5773140	14-Mar-96		
60SD721	[Filed]	WIRE DRAWING DIE HAVING IMPROVED PHYSICAL PROPERTIES NO DIVISIONAL DUE PER GLL	United States	US	S/N: 08/412050 P/N: 5660075	28-Mar-95		
60SD726	[Filed]	A FINE GRAIN DIAMOND TOOL AND METHOD OF MANUFACTURE	United States	US	S/N: 08/551593 P/N: 5660936	1-Nov-95		
60SD728	[Filed]	PREPARATION OF THIN FREE-STANDING DIAMOND FILMS	United States	US	S/N: 08/369047 P/N: 5490963	5-Jan-95		
60SD731	[Filed]	CLASSIFYING AND SORTING CRYSTALLINE OBJECTS	United States	US	S/N: 08/400556 P/N: 5544254	8-Mar-95		
60SD732	[Filed]	MULTILAYER CVD DIAMOND FILMS	United States	US	S/N: 08/400555 P/N: 5491002	8-Mar-95		
60SD745	[Filed]	METHOD FOR PRODUCING UNIFORMLY HIGH QUALITY ABRASIVE COMPACTS	United States	US	S/N: 08/555672 P/N: 5669944	13-Nov-95		
60SD749	[Filed]	POLYCRYSTALLINE DIAMOND COMPACT CUTTER WITH REDUCED FAILURE DURING BRAZING	United States	US	S/N: 08/975028 P/N: 6042463	20-Nov-97		
60SD750	[Filed]	COMPOSITE POLYCRYSTALLINE DIAMOND COMPACT NO DIV DUE PER EPA 5/1/97	United States	US	S/N: 08/691879 P/N: 5662720	26-Jan-96		
60SD752	[Filed]	POLYCRYSTALLINE DIAMOND COMPACT (PDC) CUTTER WITH IMPROVED CUTTING CAPABILITY	United States	US	S/N: 08/975429 P/N: 6045440	20-Nov-97		
60SD753	[Filed]	POLYCRYSTALLINE DIAMOND COMPACT CUTTER WITH IMPROVED CUTTING BY PREVENTING CHIP BUILD UP	United States	US	S/N: 09/131460 P/N: 6196910	10-Aug-98		
60SD760A	[Filed]	POLYCRYSTALLINE DIAMOND CUTTING ELEMENT	United States	US	S/N: 08/777213 P/N: 5848657	27-Dec-96		
60SD766	[Filed]	AN IMPROVED ABRASIVE CUTTING ELEMENT AND DRILL BIT	United States	US	S/N: 08/611896 P/N: 5743346	6-Mar-96		
60SD769	[Filed]	POLYCRYSTALLINE DIAMOND CUTTING ELEMENT WITH DIAMOND RIDGE PATTERN	United States	US	S/N: 08/777222 P/N: 5829541	27-Dec-96		
60SD772	[Filed]	COATED CBN POLYCRYSTALLINE SUPERABRASIVE TOOLS	United States	US	S/N: 08/779417	7-Jan-97		
60SD772	[Filed]	COATED CBN POLYCRYSTALLINE SUPERABRASIVE TOOLS	United States	US	S/N: 10/411471	8-Apr-03		
60SD774	[Filed]	METHOD FOR PRODUCING CUBIC BORON NITRIDE USING MELAMINE AS A CATALYST	United States	US	S/N: 09/072144 P/N: 5669015	4-May-96		
60SD784	[Filed]	SYNTHETIC GASKET MATERIAL FOR USE IN HIGH PRESSURE PRESSES TRANS FRAME/DIAMOND	United States	US	S/N: 08/674769 P/N: 5858525	13-Jun-97		

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60SD785 (Filed)	THERMALLY-DIFFUSED BORON DIAMOND AND ITS PRODUCTION	United States	US	S/N: 09/581128 P/N: 6372891	28-Apr-00		
60SD787 (Filed)	SUPERABRASIVE CUTTING ELEMENT WITH ENHANCED STIFFNESS, THERMAL CONDUCTIVITY AND CUTTING EFFICIENCY	United States	US	S/N: 08/783171 P/N: 6009963	14-Jan-97		
60SD788 (Filed)	WIRE DRAWING DIE WITH NON-CYLINDRICAL INTERFACE CONFIGURATION FOR REDUCING STRESSES	United States	US	S/N: 08/950004 P/N: 5957005	14-Oct-97		
60SD788 (Filed)	WIRE DRAWING DIE WITH NON-CYLINDRICAL INTERFACE CONFIGURATION FOR REDUCING STRESSES	United States	US	S/N: 09/358271 P/N: 6314838	21-Jul-99		
60SD794 (Filed)	AXISYMMETRIC CUTTING ELEMENT	United States	US	S/N: 09/492095 P/N: 6260640	27-Jan-00		
60SD795 (Filed)	SHAPED POLYCRYSTALLINE CUTTER ELEMENTS	United States	US	S/N: 09/072471 P/N: 6102143	4-May-98		
60SD796 (Filed)	TITANIUM CHROMIUM ALLOY COATED DIAMOND CRYSTALS FOR USE IN SAW BLADE SEGMENTS AND METHOD FOR THEIR PRODUCTION	United States	US	S/N: 09/570957 P/N: 6319808	15-May-00		
60SD802 (Filed)	HIGH PRESSURE/HIGH TEMPERATURE PRODUCTION OF COLORLESS AND FANCY COLORED DIAMONDS	United States	US	S/N: 10/338136	8-Jan-03		
60SD805 (Filed)	HIGH PRESSURE APPARATUS HAVING TRANSITION SLOPE BINDING RING THAT MITIGATES TENSILE STRESSES AND CORRESPONDING METHOD	United States	US	S/N: 09/740777 P/N: 6375446	19-Dec-00		
60SD806 (Filed)	LOW OXYGEN CUBIC BORON NITRIDE	United States	US	S/N: 10/001573	2-Nov-01		
60SD811 (Filed)	CRYSTAL MIXING FOR LOW POWER GRINDING	United States	US	S/N: 09/988244	16-Nov-01		
60SD812 (Filed)	METHOD AND APPARATUS FOR CUTTING GRANITE	United States	US	S/N: 60/139654	17-Jun-99		
60SD812 (Filed)	METHOD AND APPARATUS FOR CUTTING GRANITE	United States	US	S/N: 10/014547	14-Dec-01		
60SD817 (Filed)	HIGH PRESSURE/HIGH TEMPERATURE PRODUCTION OF COLORED DIAMONDS	United States	US	S/N: 10/068382	25-Aug-00		
60SD820 (Filed)	SURFACE MODIFICATION OF COATED ABRASIVES TO ENHANCE THEIR ADHESION IN RESIN BOND TOOLS	United States	US	S/N: 09/901159	9-Jul-01		
60SD827 (Filed)	ABRASIVE TOOL INSERTS AND THEIR PRODUCTION	United States	US	S/N: 09/845540 P/N: 6315852	30-Apr-01		
60SD831 (Filed)	HIGH PRESSURE AND HIGH TEMPERATURE PRODUCTION OF DIAMONDS	United States	US	S/N: 60/224485	11-Aug-00		
60SD831 (Filed)	HIGH PRESSURE AND HIGH TEMPERATURE PRODUCTION OF DIAMONDS	United States	US	S/N: 10/344249	11-Feb-03		
60SD838 (Filed)	SILVER-COATED ABRASIVES, TOOLS CONTAINING SILVER-COATED ABRASIVES, AND APPLICATIONS OF THESE TOOLS	United States	US	S/N: 09/776141 P/N: 6068763	2-Feb-01		
60SD839 (Filed)	JADEITE AND ITS PRODUCTION	United States	US	S/N: 09/737687	15-Dec-00		
60SD839 (Filed)	JADEITE AND ITS PRODUCTION	United States	US	S/N: 09/759192	5-Mar-01		
60SD845 (Filed)	BORON DOPED BLUE DIAMOND AND ITS PRODUCTION	United States	US	S/N: 09/935957	23-Aug-01		

Bracket Number	Title	Filing Country	Country Code	Filing No. Type/US/JP	Filing Date	Agent	Comments
60SD845 [Filed]	BORON DOPED BLUE DIAMOND AND ITS PRODUCTION	United States	US	SN: 10/262784	2-Oct-02		
60SD851 [Filed]	FUNCTIONALLY GRADED COATINGS FOR ABRASIVE PARTICLES AND USE THEREOF IN VITREOUS MATRIX COMPOSITES	United States	US	SN: 09/987863 P/N: 6475254	16-Nov-01		
60SD851 [Filed]	FUNCTIONALLY GRADED COATINGS FOR ABRASIVE PARTICLES AND USE THEREOF IN VITREOUS MATRIX COMPOSITES	United States	US	SN: 10/174914 P/N: 6596040	19-Jun-02		
60SD852 [Filed]	HIGH PRESSURE PRODUCTION OF PEROVSKITES	United States	US	SN: 09/931312	16-Aug-01		
RD14877 [Filed]	SINTERED POLYCRYSTALLINE DIAMOND COMPACT CONSTRUCTION WITH INTEGRAL HEAT SINK	United States	US	SN: 652242 P/N: 4605343	20-Sep-84		
RD16334 [Filed]	POLYCRYSTALLINE DIAMOND AND CBN CUTTING TOOLS	United States	US	SN: 830414 P/N: 4690691	13-Feb-86		
RD17340 [Filed]	DIAMOND CRYSTAL GROWTH PROCESS	United States	US	SN: 07/332914 P/N: 5261959	4-Apr-89		
RD17340 [Filed]	DIAMOND CRYSTAL GROWTH PROCESS	United States	US	SN: 08/150633 P/N: 5518554	10-Nov-83		
RD18037 [Filed]	POLYCRYSTALLINE DIAMOND AND CBN CUTTING TOOLS	United States	US	SN: 48176 P/N: 4797138	11-May-87		
RD18037 [Filed]	POLYCRYSTALLINE DIAMOND AND CBN CUTTING TOOLS	United States	US	SN: 07/048176 P/N: 4797138	11-May-87		
RD18116 [Filed]	SINGLE-CRYSTAL DIAMOND OF VERY HIGH THERMAL CONDUCTIVITY	United States	US	SN: 07/744815 P/N: 5310447	12-Aug-91		
RD18402 [Filed]	EXCIMER LASER PATTERNING OF A NOVEL RESIST	United States	US	SN: 224416 P/N: 4842677	26-Jul-88		
RD18693 [Filed]	METHOD FOR IMPROVING ADHESION OF SYNTHETIC DIAMOND COATINGS TO SUBSTRATES	United States	US	SN: 07/853556 P/N: 5190823	11-Feb-91		
RD19369 [Filed]	TRANSPARENT DIAMOND FILMS AND METHOD FOR MAKING	United States	US	SN: 07/407179 P/N: 5110579	14-Sep-89		
RD19369 [Filed]	TRANSPARENT DIAMOND FILMS AND METHOD FOR MAKING	United States	US	SN: 07/859753 P/N: 5273731	30-Mar-82		
RD19567 [Filed]	FREE STANDING DIAMOND SHEET AND METHOD AND APPARATUS FOR MAKING SA ME	United States	US	SN: 07/537863 P/N: 5464071	13-Jun-90		
RD20142 [Filed]	SINGLE-CRYSTAL DIAMOND OF VERY HIGH THERMAL CONDUCTIVITY	United States	US	SN: 08/163808 P/N: 5419276	6-Dec-93		
RD20142 [Filed]	SINGLE-CRYSTAL DIAMOND OF VERY HIGH THERMAL CONDUCTIVITY	United States	US	SN: 08/368732 P/N: 5540804	4-Jan-95		
RD20790 [Filed]	APPARATUS FOR PRODUCING DIAMONDS BY CHEMICAL VAPOR DEPOSITION AND ARTICLES PRODUCED THEREFROM	United States	US	SN: 07/948077 P/N: 5204145	21-Sep-92		
RD20983 [Inventive]	ARTIFICIAL POLYMER LATTICES IN CORE-SHELL FORM AND METHOD OF PREPARATION	United States	US	SN: 07/980,444 P/N: 5356655	23-Nov-83		
RD21016 [Filed]	METHOD FOR IMPROVING ADHESION OF SYNTHETIC DIAMOND COATINGS TO SUBSTRATES	United States	US	SN: 07/853556 P/N: 5190823	11-Feb-91		
RD21033 [Filed]	IMPROVED METHOD OF APPLYING METAL COATINGS ON DIAMOND AND ARTICLES MADE THEREFROM	United States	US	SN: 07/722575 P/N: 5190796	27-Jun-91		

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RD21034 [Inventor]	METHOD OF PRODUCING ARTICLES BY CHEMICAL VAPOR DEPOSITION AND THE SUPPORT MANDRELS USED THEREIN	United States	US	S/N: 08/119448 P/N: 5869133	9-Sep-93		
RD21356 [Filed]	METHOD FOR PRODUCING ARTICLES BY CHEMICAL VAPOR DEPOSITION	United States	US	S/N: 07/045992 P/N: 5175929	4-Mar-92		
RD21493 [Filed]	METHOD OF APPLYING METAL COATING ON CUBIC ORON NITRIDE AND ARTICLES MADE THEREFROM	United States	US	S/N: 07/738758 P/N: 5188843	1-Aug-91		
RD21661 [Filed]	PREHEATER FOR CVD DIAMOND REACTOR	United States	US	S/N: 08/308077 P/N: 5479874	14-Sep-94		
RD21796 [Filed]	SUPPRESSION OF GRAPHITE FORMATION DURING LASER ETCHING OF DIAMOND	United States	US	S/N: 08/248896 P/N: 5419798	25-May-94		
RD22021 [Filed]	SUBSTANTIALLY TRANSPARENT FREE STANDING DIAMOND FILMS	United States	US	S/N: 07/859753 P/N: 5273731	30-Mar-92		
RD22055 [Filed]	METHOD FOR DETERMINING THICKNESS OF CHEMICAL VAPOR DEPOSITED LAYERS	United States	US	S/N: 07/991798 P/N: 5300313	16-Dec-92		
RD22294 [Filed]	PROCESS FOR MAKING METALLIZED VIAS IN DIAMOND SUBSTRATES	United States	US	S/N: 08/188877 P/N: 5382758	31-Jan-94		
RD22486 [Filed]	APPARATUS FOR PRODUCING DIAMOND BY CHEMICAL VAPOR DEPOSITION AND ARTICLES PRODUCED THEREFROM	United States	US	S/N: 07/948077 P/N: 5204145	21-Sep-92		
RD22514 [Filed]	APPARATUS FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND INCLUDING GRAPHITE SUBSTRATE HOLDERS	United States	US	S/N: 08/096392 P/N: 5391229	26-Jul-93		
RD22530 [Filed]	APPARATUS FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND INCLUDING THERMAL SPREADER	United States	US	S/N: 08/172797 P/N: 5397396	27-Dec-93		
RD22721 [Filed]	POLYCRYSTALLINE CARBON CONVERSION	United States	US	S/N: 09/206721 P/N: 6128741	7-Dec-98		
RD22800 [Filed]	TUNGSTEN METALIZATION OF CVD DIAMOND	United States	US	S/N: 08/100406 P/N: 5346719	2-Aug-93		
RD22976 [Filed]	METHOD FOR MAKING HIGH THERMAL CONDUCTING DIAMOND	United States	US	S/N: 08/316995 P/N: 5445706	3-Oct-94		
RD22980 [Filed]	APPARATUS AND METHOD FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND	United States	US	S/N: 08/281358 P/N: 5424096	13-Jun-94		
RD22980 [Filed]	APPARATUS AND METHOD FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND	United States	US	S/N: 08/384568 P/N: 5437728	27-Dec-94		
RD23162 [Filed]	METHOD OF PRODUCING ARTICLES BY CHEMICAL VAPOR DEPOSITION AND THE SUPPORT MANDRELS USED THEREIN	United States	US	S/N: 08/119448 P/N: 5869133	9-Sep-93		
RD23356 [Filed]	CHEMICAL VAPOR DEPOSITION OF POLYCRYSTALLINE DIAMOND WITH ORIENTATION AND GROWTH FACETS	United States	US	S/N: 08/264268 P/N: 5437891	23-Jun-94		
RD23427 [Filed]	PROCESS FOR MAKING METALLIZED VIAS IN DIAMOND SUBSTRATES	United States	US	S/N: 08/188877 P/N: 5382758	31-Jan-94		
RD23481 [Filed]	DIAMOND OPTICAL PLATE BEAMSPLITTER	United States	US	S/N: 08/538656 P/N: 5706135	3-Oct-95		
RD23502 [Filed]	APPARATUS FOR ANNEALING DIAMOND WATER JET MIXING TUBES	United States	US	S/N: 08/267181 P/N: 5468834	15-Jun-94		
RD23503 [Filed]	APPARATUS AND METHOD FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND	United States	US	S/N: 08/281358 P/N: 5424086	13-Jun-94		
RD23511 [Filed]	ARTICLES HAVING THERMAL CONDUCTORS OF GRAPHITE	United States	US	S/N: 08/262786 P/N: 5494753	20-Jun-94		
RD23716 [Filed]	SUPPRESSION OF GRAPHITE FORMATION DURING LASER ETCHING OF DIAMOND	United States	US	S/N: 08/248896 P/N: 5419798	25-May-94		

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RD23717 (Filed)	ULTRAFAST OPTICAL MODULATOR	United States	S/N: 08/605417 P/N: 5659415	22-Feb-96		
RD23819 (Filed)	FABRICATION OF BRAZABLE IN AIR TOOL INSERTS AND INSERTS FABRICATED THEREBY	United States	S/N: 08/350572 P/N: 5626900	7-Dec-94		
RD23927 (Filed)	COMPOSITE DIAMOND WIRE DIE	United States	S/N: 08/499238 P/N: 5634369	7-Jul-95		
RD23948 (Filed)	DIAMOND FILM STRUCTURE WITH HIGH THERMAL CONDUCTIVITY	United States	S/N: 08/316998 P/N: 5525815	3-Oct-94		
RD24002 (Filed)	SYNTHETIC DIAMOND PRODUCT	United States	S/N: 08/411181 P/N: 5503104	27-Mar-95		
RD24111 (Filed)	APPARATUS AND METHOD FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND	United States	S/N: 08/384568 P/N: 5437728	27-Dec-94		
RD24416 (Filed)	COMPOSITE DIAMOND WIRE DIE	United States	S/N: 08/499237 P/N: 5638545	7-Jul-95		
RD24447 (Filed)	COMPOSITE DIAMOND WIRE DIE	United States	S/N: 08/499502 P/N: 5634370	7-Jul-95		
RD24450 (Filed)	ELECTRONIC APPARATUS WITH COMPLIANT METAL CHIP-SUBSTRATE BONDING LAYER(S)	United States	S/N: 08/457551 P/N: 5567985	1-Jun-95		
RD25160 (Filed)	SURFACE-FUNCTIONALIZED DIAMOND CRYSTALS AND METHOD FOR PRODUCING SAME	United States	S/N: 09/201384 P/N: 6152977	30-Nov-98		
RD25160 (Filed)	SURFACE-FUNCTIONALIZED DIAMOND CRYSTALS AND METHOD FOR PRODUCING SAME	United States	S/N: 09/484389 P/N: 6350191	14-Jan-00		
RD25160 (Filed)	SURFACE-FUNCTIONALIZED DIAMOND CRYSTALS AND METHOD FOR PRODUCING SAME	United States	S/N: 09/484392 P/N: 6406776	14-Jan-00		
RD25308 (Filed)	SURFACE ENRICHED DIAMOND AND METHOD OF MAKING	United States	S/N: 09/763441	14-Feb-01		
RD27003 (Filed)	DIAMOND MICRO SLURRY FOR CHEMICAL-MECHANICAL PLANARIZATION OF SEM CONDUCTOR WAFERS	United States	S/N: 09/472104 P/N: 6258721	27-Dec-99		
RD27003 (Filed)	DIAMOND MICRO SLURRY FOR CHEMICAL-MECHANICAL PLANARIZATION OF SEM CONDUCTOR WAFERS	United States	S/N: 09/591189 P/N: 6242351	9-Jun-00		
RD27642 (Filed)	METHOD OF DETECTION OF NATURAL DIAMONDS THAT HAVE BEEN PROCESSED AT HIGH PRESSURE AND HIGH TEMPERATURES	United States	S/N: 09/430477 P/N: 6377340	29-Oct-99		
RD27688 (Filed)	FUNCTIONALIZED DIAMONDS WITH ENHANCED RETENTION IN RESIN BONDS, REACTIONS AND METHODS FOR PRODUCING SAME, AND ABRASIVES USING FUNCTIONALIZED DIAMONDS	United States	S/N: 09/576794 P/N: 6372002	23-May-00		
RD28183 (Filed)	METAL-INFILTRATED POLYCRYSTALLINE DIAMOND COMPOSITE TOOL FORMED FROM COATED DIAMOND PARTICLES	United States	S/N: 09/763312 P/N: 6541115	28-Feb-01		
RD28183 (Filed)	METAL-INFILTRATED POLYCRYSTALLINE DIAMOND COMPOSITE TOOL FORMED FROM COATED DIAMOND PARTICLES	United States	S/N: 10/255431	28-Sep-02		
RD28271 (Filed)	ABRASIVE DIAMOND COMPOSITE AND METHOD OF MAKING THEREOF	United States	S/N: 09/728525	4-Dec-00		
134047 (Filed)	METHOD TO STABILIZE FRAME SAW BLADES DURING CUT INITIATION	United States	134047 -1 Provisional (Filed)	14-Aug-03		

Net Filed

APPENDIX B

**CONFIRMATORY ASSIGNMENT OF PATENTS
GENERAL ELECTRIC COMPANY TO
GE SUPERABRASIVES, INC.**

5 of 5

DAI 279364v1

**PATENT
REEL: 015908 FRAME: 0926**

Docket Number	Title	Filing Country	Country Code	Filing No./Type/Status	Filing Date	Agent	Comments
112200 [Filed]	POLYCRYSTALLINE DIAMOND TIPS ON CUTTERS FOR HIGH SPEED DISC SAWHEADS FOR APPLICATION IN THE TIMBER INDUSTRY	United States	US	Provisional [Filed] S/N: 60/473511	23-May-03		
123571 [Filed]	AUTOCATALYTIC NICKEL-BORON COATING PROCESS FOR DIAMOND PARTICLES	United States	US	Provisional [Filed] S/N: 60/436957	9-Jan-03		
123989 [Filed]	LASER SUPPORT NICKEL-PLATING OF SUPERABRASIVE TOOL	United States	US	S/N: 10/172,034	14-Jun-02		
124337 [Filed]	CUTTING TOOL INSERT DESIGNED WITH MINIMIZED RESIDUAL TENSILE STRESSES	United States	US	Provisional [Filed] S/N: 60/395,182	10-Jul-02		
124337 [Filed]	CUTTING TOOL INSERT DESIGNED WITH MINIMIZED RESIDUAL TENSILE STRESSES	United States	US	S/N: 10/458903 P/N: 6666753	11-Jun-03		
125174 [Filed]	CUTTING TOOL WITH TWO-SLOPE PROFILE DESIGNED WITH MINIMIZED AXIAL SURFACE RESIDUAL STRESSES	United States	US	Provisional [Filed] S/N: 60/395,181	10-Jul-02		
125174 [Filed]	CUTTING TOOL WITH TWO-SLOPE PROFILE DESIGNED WITH MINIMIZED AXIAL SURFACE RESIDUAL STRESSES	United States	US	S/N: 10/455008	5-Jun-03		
125185 [Filed]	METHOD TO IMPROVE WEAR UNIFORMITY OF DIAMOND-CONTAINING SEGMENTS ON BLADES FOR STABBING GRANITE	United States	US	Provisional [Filed] S/N: 60/432222	10-Dec-02		
125185 [Filed]	METHOD TO IMPROVE WEAR UNIFORMITY OF DIAMOND-CONTAINING SEGMENTS ON BLADES FOR STABBING GRANITE	United States	US	S/N 10/731,066	9-Dec-03		
125877 [Filed]	POLYCRYSTALLINE DIAMOND CUTTERS AND ENHANCED IMPACT RESISTANCE	United States	US	Provisional [Filed] S/N: 60/392209	21-May-02		
125877 [Filed]	POLYCRYSTALLINE DIAMOND CUTTERS AND ENHANCED IMPACT RESISTANCE	United States	US	S/N: 10/437489	8-Jul-03		
125877 [Filed]	POLYCRYSTALLINE DIAMOND CUTTERS AND ENHANCED IMPACT RESISTANCE	United States	US	125877 -7 Original [Filed]			
126337 [Filed]	SCRATCH-PROOF COMPOSITE WATCH GLASS	United States	US	Provisional [Filed] S/N: 60/399776	31-Jul-02		
126360 [Filed]	A SINTERED COMPACT FOR USE IN MACHINING CHEMICALLY REACTIVE MATERIALS	United States	US	Provisional [Filed] S/N: 60/391707	26-Jun-02		
126360 [Filed]	A SINTERED COMPACT FOR USE IN MACHINING CHEMICALLY REACTIVE MATERIALS	United States	US	S/N: 10/437516	14-May-03		
126855 [Filed]	METHOD FOR PRODUCING SINTERED POLYCRYSTALLING DIAMOND ON TUNGSTEN CARBIDE SUBSTRATES	United States	US	Provisional [Filed] S/N: 60/414987	1-Oct-02		
126855 [Filed]	METHOD FOR PRODUCING SINTERED POLYCRYSTALLING DIAMOND ON TUNGSTEN CARBIDE SUBSTRATES	United States	US	S/N 10/621,710	17-Jul-03		
129177 [Filed]	EXTRUSION AND COMPOUNDING EQUIPMENT COMPONENTS WITH IMPROVED WEAR RESISTANCE	United States	US	Provisional [Filed] S/N: 60/445631	7-Feb-03		
129178 [Filed]	IMPROVED WEAR RESISTANT COMPONENTS FOR SIZE REDUCTION AND SIZE CLASSIFICATION EQUIPMENT	United States	US	Provisional [Filed] S/N: 60/445615	7-Feb-03		

Docket Number	Title	Filing Country/Class	Country/Class	Filing No./Type/SUBPH	Agent	Filing Date	Comments
129182 (Filed)	WEAR CONTROL IN CONTINUOUS GLASS FIBER PLANTS	United States	US	Provisional (Filed) S/N: 60/445614		7-Feb-03	
129184 (Filed)	WEAR-RESISTANT DRILL BIT BODIES AND OTHER COMPONENTS FOR OIL AND GAS DRILLING	United States	US	Provisional (Filed) S/N: 60/445659		7-Feb-03	
129882 (Filed)	WEAR AND CORROSION RESISTANT ORIFICE AND RELATED COMPONENTS	United States	US	Provisional (Filed) S/N: 60/445633		7-Feb-03	
130335 (Filed)	ARTICLES COMPRISING AN ABRASION-RESISTANT RESINOUS SKIN INTEGRALLY BONDED WITH GRADED INTERFACE TO A RESINOUS CORE MATERIAL	United States	US	Provisional (Filed) S/N: 60/440455		15-Jan-03	
130335 (Filed)	ARTICLES COMPRISING AN ABRASION-RESISTANT RESINOUS SKIN INTEGRALLY BONDED WITH GRADED INTERFACE TO A RESINOUS CORE MATERIAL	United States	US	Provisional (Filed) S/N: 60/464517		22-Apr-03	
131068 (Filed)	WEAR AND CORROSION PREVENTION IN FIREARMS	United States	US	Provisional (Filed) S/N: 60/445609		7-Feb-03	
132255 (Filed)	AIRCRAFT ENGINE WEAR PARTS	United States	US	Provisional (Filed) S/N: 60/445632		7-Feb-03	
132270 (Filed)	CLIPPER BLADE SETS AND COMBS WITH IMPROVED WEAR RESISTANCE	United States	US	Provisional (Filed) S/N: 60/445610		7-Feb-03	
132876 (Filed)	SELECTION OF DIAMONDS GRIT MORPHOLOGY AND SIZE DISTRIBUTION FOR GMP CONDITIONER APPLICATION	United States	US	Provisional (Filed) S/N: 60/509,625		8-Oct-03	
133139 (Filed)	IMPROVED WEAR PERFORMANCE TOOLS FOR METAL, PLASTIC, CERAMIC AND COMPOSITE FORMING	United States	US	Provisional (Filed) S/N: 60/447808		14-Feb-03	
133140 (Filed)	PCD AND PCBN TOOL BLANKS WITH PREFIXED BRAZE ALLOY	United States	US	Provisional (Filed) S/N: 60/445613		7-Feb-03	
133141 (Filed)	COATINGS WITH HIGHLY TORTUOUS SURFACE TOPOGRAPHY FOR ABRASIVE/SUPERABRASIVE PARTICLES USED IN METALS/CERAMIC/POLYMER MATRIX COMPOSITES	United States	US	Provisional (Filed) S/N: 60/469285		8-May-03	
133615 (Filed)	IMPROVED TOOLS FOR MACHINING FIBER CEMENTS	United States	US	Provisional (Filed) S/N: 60/453,487		11-Mar-03	
133794 (Filed)	SUPERABRASIVE TOOLS PRESS-FIT INTO CARBIDE SUBSTRATES TO ELIMINATE HOT-BRAZING IN TOOL FABRICATION	United States	US	Provisional (Filed) S/N: 60/470306		14-May-03	
133794 (Filed)	SUPERABRASIVE TOOLS PRESS-FIT INTO CARBIDE SUBSTRATES TO ELIMINATE HOT-BRAZING IN TOOL FABRICATION	United States	US	S/N 10/690,761		22-Oct-03	
133920 (Filed)	DRILL BITS, ROUTER BITS, PROFILE CUTTERS, FILES, PLANING AND SAW BLADES WITH IMPROVED WEAR RESISTANCE	United States	US	Provisional (Filed) S/N: 60/469287		9-May-03	
133975 (Filed)	METHOD TO IMPROVE TOOL INTEGRITY WHEN CUTTING STONE	United States	US	Provisional (Filed) S/N 60/495,418		14-Aug-03	
135143 (Filed)	A METHOD OF MAKING ABRASIVE TOOLS FROM BI-MODAL DIAMOND OR CUBIC BORON NITRIDE POWDER	United States	US	Provisional (Filed) S/N: 60/467311		2-May-03	

Doc#	Title	Filing Country	Country Code	Filing No./Type/Status/PH	Filing Date	Agent	Comments
136256 [Filed]	SINTERED COMPACT FOR USE IN MACHINING VARIOUS CAST IRON MATERIALS	United States	US	Provisional (P) 64/526,576	3-Dec-03		
145381 [Filed]	COMPRESSION CONTAINER FOR POLYCRYSTALLINE WIRE DIE	United States	US	Provisional (P) 64/528,372	10-Dec-03		
60SD10 [Filed]	DIAMOND AND CBN ABRASIVE COMPACTS USING SIZE SELECTIVE ABRASIVE PARTICLE LAYERS	United States	US	S/N: 219289 P/N: 4311490	7-Sep-86		
60SD147 [Filed]	RE-SINTERED BORON-RICH POLYCRYSTALLINE CUBIC BORON NITRIDE AND MET. HOD FOR MAKING SAME	United States	US	S/N: 823893 P/N: 4673414	29-Jan-86		
60SD184 [Filed]	GANG SAW FOR CUTTING BLOCKS OF STONE	United States	US	S/N: 515448 P/N: 4498450	20-Jul-83		
60SD240 [Filed]	PROCESS FOR MAKING DIAMOND AND CUBIC BORON NITRIDE COMPACTS	United States	US	S/N: 542081 P/N: 4525179	14-Oct-83		
60SD242 [Filed]	PROCESS FOR MAKING DIAMOND AND CUBIC BORON NITRIDE COMPACTS	United States	US	S/N: 488003 P/N: 4536442	2-May-83		
60SD245 [Filed]	MERGED WITH 60SD-259 FOR FILING	United States	US	S/N: 818850 P/N: 4797326	14-Jan-86		
60SD24559 [Filed]	SUPPORTED POLYCRYSTALLINE COMPACTS	United States	US	S/N: 818850 P/N: 4797326	14-Jan-86		
60SD246 [Filed]	GANG SAW FOR CUTTING BLOCKS OF STONE	United States	US	S/N: 515448 P/N: 4498450	20-Jul-83		
60SD249 [Filed]	SWEEP THROUGH PROCESS FOR MAKING POLYCRYSTALLINE COMPACTS	United States	US	S/N: 536221 P/N: 4518659	23-Sep-83		
60SD251 [Filed]	IMPROVED PROCESS FOR MAKING DIAMOND AND CUBIC BORON NITRIDE COMPACTS	United States	US	S/N: 552081 P/N: 4525179	14-Oct-83		
60SD254 [Filed]	COATED OXIDATION-RESISTANT POROUS ABRASIVE COMPACT AND METHOD FOR MAKING SAME	United States	US	S/N: 06920041 P/N: 4739689	16-Oct-86		
60SD256 [Filed]	POLYCRYSTALLINE SANDWICH COMPACTS AND METHOD FOR MAKING SAME	United States	US	S/N: 07277875 P/N: 5009673	30-Nov-88		
60SD257 [Filed]	SYSTEM FOR IMPROVED FLAW DETECTION IN POLYCRYSTALLINE DIAMOND	United States	US	S/N: 697688 P/N: 4810447	4-Feb-85		
60SD257 [Filed]	SYSTEM FOR IMPROVED FLAW DETECTION IN POLYCRYSTALLINE DIAMOND	United States	US	S/N: 8491 P/N: 4832708	27-Jan-87		
60SD261 [Filed]	PROCESS FOR PREPARING POLYCRYSTALLINE CBN CERAMIC MASSES AND RESULTING PRODUCT	United States	US	S/N: 71368943 P/N: 5043120	16-Jun-89		
60SD262 [Filed]	BRAZED COMPOSITE COMPACT IMPLEMENTS	United States	US	S/N: 624084 P/N: 4527988	25-Jun-84		
60SD303 [Filed]	REFRACTORY METAL OXIDE COATED ABRASIVES AND GRINDING WHEELS MADE THEREFROM	United States	US	S/N: 07358728 P/N: 4951427	30-May-89		
60SD305 [Filed]	STUD-MOUNTED POLYCRYSTALLINE TOOTHED DIAMOND CUTTING BLANKS	United States	US	S/N: 7192872 P/N: D317010	11-May-88		
60SD308 [Filed]	POLYCRYSTALLINE DIAMOND COMPACT WORKPIECES AND THEIR FABRICATION	United States	US	S/N: 71365268 P/N: 4931363	12-Jun-89		

Coated Number	Title	Filing Country	Country Code	Filing No./Type/Status	Filing Date	Agent	Comments
60SD30811 [Filed]	BRAZED THERMALLY-STABLE POLYCRYSTALLINE DIAMOND COMPACT WORKPIECES AND THEIR FABRICATION	United States	US	S/N: 158575 P/N: 489922	22-Feb-88		
60SD317 [Filed]	COATED OXIDATION-RESISTANT POROUS ABRASIVE COMPACT AND METHOD FOR MAKING SAME	United States	US	S/N: 920041 P/N: 47386889	18-Oct-86		
60SD318 [Filed]	BONDING OF THERMALLY STABLE ABRASIVE COMPACTS TO CARBIDE SUPPORTS	United States	US	S/N: 07158336 P/N: 4850523	22-Feb-88		
60SD327 [Filed]	SYSTEM FOR IMPROVED FLOW DETECTION IN POLYCRYSTALLINE DIAMOND	United States	US	S/N: 008491 P/N: 4832708	29-Jan-87		
60SD33 [Filed]	OPTICAL WINDOWS MADE OF POLYCRYSTALLINE ADAMANTANE BORON NITRIDE OR DIAMOND	United States	US	S/N: 488003 P/N: 4536442	2-May-83		
60SD332 [Filed]	METHOD OF MAKING DIAMOND TOOL	United States	US	S/N: 713966 P/N: 4661180	25-Mar-85		
60SD333 [Filed]	POLYCRYSTALLINE ABRASIVE GRIT	United States	US	S/N: 153468 P/N: 4828582	3-Feb-88		
60SD333V [Filed]	POLYCRYSTALLINE ABRASIVE GRIT	United States	US	S/N: 793462 P/N: 4828582	1-Sep-88		
60SD358 [Filed]	PRODUCTS AND PROCESS FOR MAKING MULTIGRAIN ABRASIVE COMPACTS	United States	US	S/N: 078689259 P/N: 5211726	14-Mar-91		
60SD364 [Filed]	MULTI-TIGRAIN ABRASIVE PARTICLES	United States	US	S/N: 078689124 P/N: 5106392	14-Mar-91		
60SD367 [Filed]	CHIP BREAKER FOR POLYCRYSTALLINE CBN AND DIAMOND COMPACTS	United States	US	S/N: 71429661 P/N: 5026960	31-Oct-89		
60SD368 [Filed]	DIAMOND AND CUBIC BORON NITRIDE	United States	US	S/N: 156272 P/N: 4807402	12-Feb-88		
60SD389 [Filed]	STUD-MOUNTED POLYCRYSTALLINE DIAMOND CUTTING BLANKS	United States	US	S/N: 328347 P/N: D330206	24-Mar-89		
60SD390 [Filed]	RECIPROCATING POINT ROTARY DIAMOND	United States	US	S/N: 07835082 P/N: 5172881	28-Dec-90		
60SD401 [Filed]	INTERLOCKING MOUNTED ABRASIVE COMPACTS	United States	US	S/N: 332814 P/N: D325226	3-Apr-89		
60SD412 [Filed]	SAWBLADE SEGMENTS UTILIZING POLYCRYSTALLINE DIAMOND GRIT	United States	US	S/N: 262405 P/N: 4883500	25-Oct-88		
60SD419 [Filed]	SUPPORTED THERMALLY STABLE CUBIC BORON NITRIDE TOOLS BLANKS AND METHOD FOR MAKING THE SAME	United States	US	S/N: 7394349 P/N: 4985050	15-Aug-89		
60SD428 [Filed]	DIAMOND COMPACTS FOR ROCK DRILLING AND MACHINING	United States	US	S/N: 71420191 P/N: 5022894	12-Oct-89		
60SD437 [Filed]	METHOD FOR PRODUCING POLYCRYSTALLINE COMPACT TOOL BLANKS WITH FLAT CARBIDE SUPPORT/DIAMOND OR CBN INTERFACES	United States	US	S/N: 331928 P/N: 4954139	31-Mar-89		
60SD439 [Filed]	STUD-MOUNTED POLYCRYSTALLINE DIAMOND CUTTING BLANK	United States	US	S/N: 328348 P/N: D324527	24-Mar-89		
60SD439 [Filed]	STUD-MOUNTED POLYCRYSTALLINE DIAMOND CUTTING BLANK	United States	US	S/N: 7328348 P/N: 324527	24-Mar-89		
60SD440 [Filed]	INTERLOCKING MOUNTED ABRASIVE COMPACTS	United States	US	S/N: 332828 P/N: D324056	3-Apr-89		
60SD455 [Filed]	CBN/CBN COMPOSITE MASSES AND THEIR PREPARATION	United States	US	S/N: 7830916 P/N: 5108792	20-Dec-90		
60SD458 [Filed]	MULTI-LAYER METAL COATED DIAMOND ABRASIVES FOR SINTERED METAL BONDED TOOLS	United States	US	S/N: 07857132 P/N: 5250086	25-Mar-82		

Bracket Number	Title	Filing Country	Country Code	Filing No./Type/ST/UPN	Filing Date	Agent	Comments
60SD643 (Filed)	SUPPORTED POLYCRYSTALLINE DIAMOND COMPACT HAVING A CUBIC BORON NITR IDE INTERLAYER FOR IMPROVED PHYSICAL PROPERTIES	United States	US	S/N: 08/322841 P/N: 5510193	13-Oct-94		
60SD643 (Filed)	SUPPORTED POLYCRYSTALLINE DIAMOND COMPACT HAVING A CUBIC BORON NITR IDE INTERLAYER FOR IMPROVED PHYSICAL PROPERTIES	United States	US	S/N: 08/595715 P/N: 5603070	2-Feb-96		
60SD645 (Filed)	PREPARATION OF THIN FREE-STANDING DIAMOND FILMS	United States	US	S/N: 08/369047 P/N: 5490983	5-Jan-95		
60SD647 (Filed)	FINE GRAIN DIAMOND WORKPIECES	United States	US	S/N: 07/967461 P/N: 5439492	28-Oct-92		
60SD652 (Filed)	ABRASIVE TOOL INSERT SEE CIP 60SD00658	United States	US	S/N: 08/095631 P/N: 5484330	21-Jul-93		
60SD652 (Filed)	ABRASIVE TOOL INSERT SEE CIP 60SD00658	United States	US	S/N: 08/271307 P/N: 5486137	6-Jul-94		
60SD653 (Filed)	REDUCTION OF STRESSES IN THE POLYCRYSTALLINE ABRASIVE LAYER OF A COMPOSITE COMPACT IN THE IN SITU BONDED CAR BIDE/CARBIDE SUPPORT	United States	US	S/N: 08/489877 P/N: 5560754	13-Jun-95		
60SD658 (Filed)	ABRASIVE TOOL INSERT SEE CIP	United States	US	S/N: 08/105523 P/N: 5494477	11-Aug-93		
60SD660 (Filed)	PROCESS FOR PREPARING POLYCRYSTALLINE CBN CERAMIC MASSES AND RESULTING PRODUCT	United States	US	S/N: 07/895500 P/N: 5320988	1-Dec-92		
60SD662 (Filed)	METHOD OF SEPARATION OF PIECES FROM SUPER HARD MATERIAL BY PARTIAL LASER CUT AND PRESSURE CLEAVAGE	United States	US	S/N: 08/060459 P/N: 5387776	11-May-93		
60SD664 (Filed)	CLASSIFYING AND SORTING CRYSTALLINE OBJECTS	United States	US	S/N: 08/400556 P/N: 5544254	8-Mar-95		
60SD665 (Filed)	MEASURING THE STRENGTH OF ABRASIVE GRAINS	United States	US	S/N: 08/018638 P/N: 5392633	12-Feb-93		
60SD668 (Filed)	PROCESS FOR MAKING COATED ABRASIVES FOR GRINDING WHEELS	United States	US	S/N: 08/032750 P/N: 5306318	17-Mar-93		
60SD690 (Filed)	MULTIPLE GRAINED DIAMOND WIRE DIE	United States	US	S/N: 08/143802 P/N: 5361621	27-Oct-93		
60SD691 (Filed)	OPTICALLY IMPROVED DIAMOND WIRE DIE	United States	US	S/N: 08/148903 P/N: 5465603	5-Nov-93		
60SD693 (Filed)	ABRASIVE COMPACT WITH IMPROVED PROPERTIES	United States	US	S/N: 08/571312 P/N: 5855998	12-Dec-95		
60SD693 (Filed)	ABRASIVE COMPACT WITH IMPROVED PROPERTIES	United States	US	S/N: 09/087776 P/N: 6132675	29-May-96		
60SD694 (Filed)	DIAMOND WIRE DIE	United States	US	S/N: 08/121014 P/N: 5363687	14-Sep-93		
60SD696 (Filed)	ABRASIVE TOOL INSERT	United States	US	S/N: 08/271307 P/N: 5486137	6-Jul-94		
60SD698 (Filed)	CVD DIAMOND COATING ANNULUS COMPONENTS AND METHOD OF THEIR FABRICATION	United States	US	S/N: 08/127984 P/N: 5508071	28-Sep-93		
60SD701 (Filed)	DIAMOND WIRE DIE WITH POSITIONED OPENING	United States	US	S/N: 08/144168 P/N: 5377522	27-Oct-93		
60SD708 (Filed)	A METHOD FOR MANUFACTURING A DIAMOND ARTICLE	United States	US	S/N: 08/310449 P/N: 5529805	22-Sep-94		
60SD709 (Filed)	FABRICATION OF AIR BRAZABLE DIAMOND TOOL INSERTS AND INSERTS FABRICATED THEREBY	United States	US	S/N: 08/286076 P/N: 5500248	4-Aug-94		
60SD709 (Filed)	FABRICATION OF AIR BRAZABLE DIAMOND TOOL INSERTS AND INSERTS FABRICATED THEREBY	United States	US	S/N: 08/583360 P/N: 5647878	5-Jan-96		

Patent Number	Title	Filing Country	County Code	Patent No./Type/SUPN	Filing Date	Agent	Comments
60SD712 [Filed]	METHOD FOR ENHANCING THE TOUGHNESS OF CVD DIAMOND	United States	US	S/N: 08/238543 P/N: 5451430	5-May-94		
60SD713 [Filed]	METHOD FOR ENHANCING THE TOUGHNESS OF CVD DIAMOND	United States	US	S/N: 08/654815 P/N: 5672395	29-May-96		
60SD714 [Filed]	ANNULAR DIAMOND BODIES	United States	US	S/N: 08/311658 P/N: 5551277	23-Sep-94		
60SD715 [Filed]	SUPPORTED POLYCRYSTALLINE COMPACTS HAVING IMPROVED PHYSICAL PROPERTIES AND METHOD FOR MAKING SAME	United States	US	S/N: 08/239156 P/N: 5512235	6-May-94		
60SD715 [Filed]	SUPPORTED POLYCRYSTALLINE COMPACTS HAVING IMPROVED PHYSICAL PROPERTIES AND METHOD FOR MAKING SAME	United States	US	S/N: 08/16997 P/N: 5773140	14-Mar-96		
60SD721 [Filed]	WIRE DRAWING DIE HAVING IMPROVED PHYSICAL PROPERTIES NO DIVISIONAL DUE PER GLL	United States	US	S/N: 08/412050 P/N: 5660075	28-Mar-95		
60SD726 [Filed]	A FINE GRAIN DIAMOND TOOL AND METHOD OF MANUFACTURE	United States	US	S/N: 08/551583 P/N: 5660938	1-Nov-95		
60SD728 [Filed]	PREPARATION OF THIN FREE-STANDING DIAMOND FILMS	United States	US	S/N: 08/369047 P/N: 5490963	5-Jan-95		
60SD731 [Filed]	CLASSIFYING AND SORTING CRYSTALLINE OBJECTS	United States	US	S/N: 08/400556 P/N: 5544254	8-Mar-95		
60SD732 [Filed]	MULTILAYER CVD DIAMOND FILMS	United States	US	S/N: 08/400555 P/N: 5491002	8-Mar-95		
60SD745 [Filed]	METHOD FOR PRODUCING UNIFORMLY HIGH QUALITY ABRASIVE COMPACTS	United States	US	S/N: 08/555672 P/N: 5660944	13-Nov-95		
60SD749 [Filed]	POLYCRYSTALLINE DIAMOND COMPACT CUTTER WITH REDUCED FAILURE DURING BRAZING	United States	US	S/N: 08/975028 P/N: 6042463	20-Nov-97		
60SD750 [Filed]	COMPOSITE POLYCRYSTALLINE DIAMOND COMPACT NO DIV DUE PER EPA 5/1/97	United States	US	S/N: 08/581879 P/N: 5662720	26-Jan-96		
60SD752 [Filed]	POLYCRYSTALLINE DIAMOND COMPACT (PDC) CUTTER WITH IMPROVED CUTTING CAPABILITY	United States	US	S/N: 08/975429 P/N: 6045440	20-Nov-97		
60SD753 [Filed]	POLYCRYSTALLINE DIAMOND COMPACT CUTTER WITH IMPROVED CUTTING BY PREVENTING CHIP BUILD UP	United States	US	S/N: 09/131460 P/N: 6196910	10-Aug-88		
60SD760A [Filed]	POLYCRYSTALLINE DIAMOND CUTTING ELEMENT	United States	US	S/N: 08/777213 P/N: 5848657	27-Dec-96		
60SD768 [Filed]	AN IMPROVED ABRASIVE CUTTING ELEMENT AND DRILL BIT	United States	US	S/N: 08/611896 P/N: 5743346	6-Mar-96		
60SD769 [Filed]	POLYCRYSTALLINE DIAMOND CUTTING ELEMENT WITH DIAMOND RIDGE PATTERN	United States	US	S/N: 08/777222 P/N: 5829541	27-Dec-96		
60SD772 [Filed]	COATED CBN POLYCRYSTALLINE SUPERABRASIVE TOOLS	United States	US	S/N: 08/779417	7-Jan-97		
60SD772 [Filed]	COATED CBN POLYCRYSTALLINE SUPERABRASIVE TOOLS	United States	US	S/N: 10/411471	8-Apr-03		
60SD774 [Filed]	METHOD FOR PRODUCING CUBIC BORON NITRIDE USING MELAMINE AS A CATALYST	United States	US	S/N: 08/072144 P/N: 5669015	4-May-88		
60SD784 [Filed]	SYNTHETIC GASKET MATERIAL FOR USE IN HIGH PRESSURE PRESSES TRANS FMME-GADIAMOND	United States	US	S/N: 08/074769 P/N: 5658525	13-Jun-97		

Patent Number	Title	Filing Country Code	Country Code	Filing No./Type/SUPN	Filing Date	Agent	Comments
60SD785 (Filed)	THERMALLY-DIFFUSED BORON DIAMOND AND ITS PRODUCTION	United States	US	S/N: 09/561128 P/N: 6322891	28-Apr-00		
60SD787 (Filed)	SUPERABRASIVE CUTTING ELEMENT WITH ENHANCED STIFFNESS, THERMAL CONDUCTIVITY AND CUTTING EFFICIENCY	United States	US	S/N: 08/783171 P/N: 6009963	14-Jan-97		
60SD788 (Filed)	WIRE DRAWING DIE WITH NON-CYLINDRICAL INTERFACE CONFIGURATION FOR REDUCING STRESSES	United States	US	S/N: 08/950004 P/N: 5957005	14-Oct-97		
60SD788 (Filed)	WIRE DRAWING DIE WITH NON-CYLINDRICAL INTERFACE CONFIGURATION FOR REDUCING STRESSES	United States	US	S/N: 09/358271 P/N: 6314836	21-Jul-99		
60SD794 (Filed)	AXISYMMETRIC CUTTING ELEMENT	United States	US	S/N: 09/492095 P/N: 6260640	27-Jan-00		
60SD795 (Filed)	SHAPED POLYCRYSTALLINE CUTTER ELEMENTS	United States	US	S/N: 09/072471 P/N: 6102143	4-May-98		
60SD796 (Filed)	TITANIUM CHROMIUM ALLOY COATED DIAMOND CRYSTALS FOR USE IN SAW BLADE SEGMENTS AND METHOD FOR THEIR PRODUCTION	United States	US	S/N: 09/570957 P/N: 6319808	15-May-00		
60SD802 (Filed)	HIGH PRESSURE/HIGH TEMPERATURE PRODUCTION OF COLORLESS AND FANCY COLORED DIAMONDS	United States	US	S/N: 10/338136	8-Jan-03		
60SD805 (Filed)	HIGH PRESSURE APPARATUS HAVING TRANSITION SLOPE BINDING RING THAT MITIGATES TENSILE STRESSES AND CORRESPONDING METHOD	United States	US	S/N: 09/740777 P/N: 6375446	19-Dec-00		
60SD806 (Filed)	LOW OXYGEN CUBIC BORON NITRIDE	United States	US	S/N: 10/001573	2-Nov-01		
60SD811 (Filed)	CRYSTAL MIXING FOR LOW POWER GRINDING	United States	US	S/N: 09/988244	16-Nov-01		
60SD812 (Filed)	METHOD AND APPARATUS FOR CUTTING GRANITE	United States	US	S/N: 60/139654	17-Jun-99		
60SD812 (Filed)	METHOD AND APPARATUS FOR CUTTING GRANITE	United States	US	S/N: 10/014547	14-Dec-01		
60SD817 (Filed)	HIGH PRESSURE/HIGH TEMPERATURE PRODUCTION OF COLORED DIAMONDS	United States	US	S/N: 10/069362	25-Aug-00		
60SD820 (Filed)	SURFACE MODIFICATION OF COATED ABRASIVES TO ENHANCE THEIR ADHESION IN RESIN BOND TOOLS	United States	US	S/N: 09/801159	9-Jul-01		
60SD827 (Filed)	ABRASIVE TOOL INSERTS AND THEIR PRODUCTION	United States	US	S/N: 09/845540 P/N: 6315652	30-Apr-01		
60SD831 (Filed)	HIGH PRESSURE AND HIGH TEMPERATURE PRODUCTION OF DIAMONDS	United States	US	S/N: 60/224485	11-Aug-00		
60SD831 (Filed)	HIGH PRESSURE AND HIGH TEMPERATURE PRODUCTION OF DIAMONDS	United States	US	S/N: 10/344249	11-Feb-03		
60SD836 (Filed)	SILVER-COATED ABRASIVES, TOOLS CONTAINING SILVER-COATED ABRASIVES, AND APPLICATIONS OF THESE TOOLS	United States	US	S/N: 09/776141 P/N: 6068763	2-Feb-01		
60SD839 (Filed)	JADEITE AND ITS PRODUCTION	United States	US	S/N: 09/737667	15-Dec-00		
60SD839 (Filed)	JADEITE AND ITS PRODUCTION	United States	US	S/N: 09/799192	5-Mar-01		
60SD845 (Filed)	BORON DOPED BLUE DIAMOND AND ITS PRODUCTION	United States	US	S/N: 09/635957	23-Aug-01		

Doc#	Title	Filing Country	Country Code	Filing No./Type/Status/PN	Filing Date	Agent	Comments
60SD845 [Filed]	BORON DOPED BLUE DIAMOND AND ITS PRODUCTION	United States	US	S/N: 10/262784	2-Oct-02		
60SD851 [Filed]	FUNCTIONALLY GRADED COATINGS FOR ABRASIVE PARTICLES AND USE THEREOF IN VITREOUS MATRIX COMPOSITES	United States	US	S/N: 09/987863 P/N: 6475254	18-Nov-01		
60SD851 [Filed]	FUNCTIONALLY GRADED COATINGS FOR ABRASIVE PARTICLES AND USE THEREOF IN VITREOUS MATRIX COMPOSITES	United States	US	S/N: 10/174914 P/N: 6596040	19-Jun-02		
60SD852 [Filed]	HIGH PRESSURE PRODUCTION OF PEROVSKITES	United States	US	S/N: 09/931312	16-Aug-01		
RD14877 [Filed]	SINTERED POLYCRYSTALLINE DIAMOND COMPACT CONSTRUCTION WITH INTEGRAL HEAT SINK	United States	US	S/N: 652242 P/N: 4605343	20-Sep-84		
RD16334 [Filed]	POLYCRYSTALLINE DIAMOND AND CBN CUTTING TOOLS	United States	US	S/N: 830414 P/N: 4690691	13-Feb-86		
RD17340 [Filed]	DIAMOND CRYSTAL GROWTH PROCESS	United States	US	S/N: 07/332914 P/N: 5261959	4-Apr-89		
RD17340 [Filed]	DIAMOND CRYSTAL GROWTH PROCESS	United States	US	S/N: 08/150633 P/N: 5518554	10-Nov-93		
RD18037 [Filed]	POLYCRYSTALLINE DIAMOND AND CBN CUTTING TOOLS	United States	US	S/N: 48176 P/N: 4797138	11-May-87		
RD18037 [Filed]	POLYCRYSTALLINE DIAMOND AND CBN CUTTING TOOLS	United States	US	S/N: 07/048176 P/N: 4797138	11-May-87		
RD18116 [Filed]	SINGLE-CRYSTAL DIAMOND OF VERY HIGH THERMAL CONDUCTIVITY	United States	US	S/N: 07/744815 P/N: 5310447	12-Aug-91		
RD18402 [Filed]	EXCIMER LASER PATTERNING OF A NOVEL RESIST	United States	US	S/N: 224416 P/N: 4842677	26-Jul-88		
RD18693 [Filed]	METHOD FOR IMPROVING ADHESION OF SYNTHETIC DIAMOND COATINGS TO SUBSTRATES	United States	US	S/N: 07/653556 P/N: 5190823	11-Feb-91		
RD19369 [Filed]	TRANSPARENT DIAMOND FILMS AND METHOD FOR MAKING	United States	US	S/N: 07/407179 P/N: 5110579	14-Sep-89		
RD19369 [Filed]	TRANSPARENT DIAMOND FILMS AND METHOD FOR MAKING	United States	US	S/N: 07/859753 P/N: 5273731	30-Mar-92		
RD19567 [Filed]	FREE STANDING DIAMOND SHEET AND METHOD AND APPARATUS FOR MAKING SAME	United States	US	S/N: 07/537963 P/N: 5464071	13-Jun-90		
RD20142 [Filed]	SINGLE-CRYSTAL DIAMOND OF VERY HIGH THERMAL CONDUCTIVITY	United States	US	S/N: 08/163808 P/N: 5419276	6-Dec-83		
RD20142 [Filed]	SINGLE-CRYSTAL DIAMOND OF VERY HIGH THERMAL CONDUCTIVITY	United States	US	S/N: 08/368732 P/N: 5540904	4-Jan-95		
RD20790 [Filed]	APPARATUS FOR PRODUCING DIAMONDS BY CHEMICAL VAPOR DEPOSITION AND ARTICLES PRODUCED THEREFROM	United States	US	S/N: 07/948077 P/N: 5204145	21-Sep-92		
RD20983 [Inventor]	ARTIFICIAL POLYMER LATTICES IN CORE-SHELL FORM AND METHOD OF PREPARATION	United States	US	S/N: 07/980,444 P/N: 5356855	23-Nov-93		
RD21018 [Filed]	METHOD FOR IMPROVING ADHESION OF SYNTHETIC DIAMOND COATINGS TO SUBSTRATES	United States	US	S/N: 07/653556 P/N: 5190823	11-Feb-91		
RD21033 [Filed]	IMPROVED METHOD OF APPLYING METAL COATINGS ON DIAMOND AND ARTICLES MADE THEREFROM	United States	US	S/N: 07/722575 P/N: 5190796	27-Jun-91		

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RD21034 [Patented]	METHOD OF PRODUCING ARTICLES BY CHEMICAL VAPOR DEPOSITION AND THE SUPPORT MANDRELS USED THEREIN	United States	US	S/N: 08/119448 P/N: 5869133	9-Sep-93		
RD21356 [Filed]	METHOD FOR PRODUCING ARTICLES BY CHEMICAL VAPOR DEPOSITION	United States	US	S/N: 07/845692 P/N: 5175929	4-Mar-92		
RD21493 [Filed]	METHOD OF APPLYING METAL COATING ON CUBIC BORON NITRIDE AND ARTICLES MADE THEREFROM	United States	US	S/N: 07/738756 P/N: 5186843	1-Aug-91		
RD21661 [Filed]	PREHEATER FOR CVD DIAMOND REACTOR	United States	US	S/N: 08/306077 P/N: 5479874	14-Sep-94		
RD21796 [Filed]	SUPPRESSION OF GRAPHITE FORMATION DURING LASER ETCHING OF DIAMOND	United States	US	S/N: 08/248896 P/N: 5419798	25-May-94		
RD22021 [Filed]	SUBSTANTIALLY TRANSPARENT FREE STANDING DIAMOND FILMS	United States	US	S/N: 07/859753 P/N: 5273731	30-Mar-92		
RD22055 [Filed]	METHOD FOR DETERMINING THICKNESS OF CHEMICAL VAPOR DEPOSITED LAYERS	United States	US	S/N: 07/691798 P/N: 5300313	16-Dec-92		
RD22294 [Filed]	PROCESS FOR MAKING METALLIZED VIAS IN DIAMOND SUBSTRATES	United States	US	S/N: 08/188877 P/N: 5382758	31-Jan-94		
RD22486 [Filed]	APPARATUS FOR PRODUCING DIAMOND BY CHEMICAL VAPOR DEPOSITION AND ARTICLES PRODUCED THEREFROM	United States	US	S/N: 07/948077 P/N: 5204145	21-Sep-92		
RD22514 [Filed]	APPARATUS FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND INCLUDING GRAPHITE SUBSTRATE HOLDERS	United States	US	S/N: 08/096392 P/N: 5391229	28-Jul-93		
RD22530 [Filed]	APPARATUS FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND INCLUDING THERMAL SPREADER	United States	US	S/N: 08/172797 P/N: 5397396	27-Dec-93		
RD22721 [Filed]	POLYCRYSTALLINE CARBON CONVERSION	United States	US	S/N: 09/206721 P/N: 6126741	7-Dec-98		
RD22800 [Filed]	TUNGSTEN METALIZATION OF CVD DIAMOND	United States	US	S/N: 08/100406 P/N: 5346719	2-Aug-93		
RD22976 [Filed]	METHOD FOR MAKING HIGH THERMAL CONDUCTING DIAMOND	United States	US	S/N: 08/316995 P/N: 5445106	3-Oct-84		
RD22980 [Filed]	APPARATUS AND METHOD FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND	United States	US	S/N: 08/261358 P/N: 5424096	13-Jun-94		
RD22980 [Filed]	APPARATUS AND METHOD FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND	United States	US	S/N: 08/364568 P/N: 5437728	27-Dec-94		
RD23162 [Filed]	METHOD OF PRODUCING ARTICLES BY CHEMICAL VAPOR DEPOSITION AND THE SUPPORT MANDRELS USED THEREIN	United States	US	S/N: 08/119448 P/N: 5869133	9-Sep-93		
RD23356 [Filed]	CHEMICAL VAPOR DEPOSITION OF POLYCRYSTALLINE DIAMOND WITH ORIENTATION AND GROWTH FACETS	United States	US	S/N: 08/264268 P/N: 5437891	23-Jun-94		
RD23427 [Filed]	PROCESS FOR MAKING METALLIZED VIAS IN DIAMOND SUBSTRATES	United States	US	S/N: 08/188877 P/N: 5382758	31-Jan-94		
RD23461 [Filed]	DIAMOND OPTICAL PLATE BEAMSPLITTER	United States	US	S/N: 08/538656 P/N: 5706135	3-Oct-95		
RD23502 [Filed]	APPARATUS FOR ANNEALING DIAMOND WATER JET MIXING TUBES	United States	US	S/N: 08/267181 P/N: 5466834	15-Jun-94		
RD23503 [Filed]	APPARATUS AND METHOD FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND	United States	US	S/N: 08/261358 P/N: 5424096	13-Jun-94		
RD23511 [Filed]	ARTICLES HAVING THERMAL CONDUCTORS OF GRAPHITE	United States	US	S/N: 08/262796 P/N: 5494753	20-Jun-94		
RD23716 [Filed]	SUPPRESSION OF GRAPHITE FORMATION DURING LASER ETCHING OF DIAMOND	United States	US	S/N: 08/248896 P/N: 5419798	25-May-94		

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RD23717 [Filed]	ULTRAFAST OPTICAL MODULATOR	United States	US	S/N: 08/605417 P/N: 5659415	22-Feb-96		
RD23819 [Filed]	FABRICATION OF BRAZABLE IN AIR TOOL INSERTS AND INSERTS FABRICATED THEREBY	United States	US	S/N: 08/350572 P/N: 5626909	7-Dec-94		
RD23927 [Filed]	COMPOSITE DIAMOND WIRE DIE	United States	US	S/N: 08/499238 P/N: 5634369	7-Jul-95		
RD23948 [Filed]	DIAMOND FILM STRUCTURE WITH HIGH THERMAL CONDUCTIVITY	United States	US	S/N: 08/316998 P/N: 5525815	3-Oct-94		
RD24002 [Filed]	SYNTHETIC DIAMOND PRODUCT	United States	US	S/N: 08/411181 P/N: 5503104	27-Mar-95		
RD24111 [Filed]	APPARATUS AND METHOD FOR CHEMICAL VAPOR DEPOSITION OF DIAMOND	United States	US	S/N: 08/364568 P/N: 5437728	27-Dec-94		
RD24416 [Filed]	COMPOSITE DIAMOND WIRE DIE	United States	US	S/N: 08/499237 P/N: 5636545	7-Jul-95		
RD24447 [Filed]	COMPOSITE DIAMOND WIRE DIE	United States	US	S/N: 08/499502 P/N: 5634370	7-Jul-95		
RD24450 [Filed]	ELECTRONIC APPARATUS WITH COMPLIANT METAL CHIP-SUBSTRATE BONDING LAYER(S)	United States	US	S/N: 08/457551 P/N: 5567985	1-Jun-95		
RD25160 [Filed]	SURFACE-FUNCTIONALIZED DIAMOND CRYSTALS AND METHOD FOR PRODUCING SAME	United States	US	S/N: 09/201384 P/N: 6152977	30-Nov-98		
RD25160 [Filed]	SURFACE-FUNCTIONALIZED DIAMOND CRYSTALS AND METHOD FOR PRODUCING SAME	United States	US	S/N: 09/484389 P/N: 6350181	14-Jan-00		
RD25160 [Filed]	SURFACE-FUNCTIONALIZED DIAMOND CRYSTALS AND METHOD FOR PRODUCING SAME	United States	US	S/N: 09/484392 P/N: 6408776	14-Jan-00		
RD25308 [Filed]	SURFACE ENRICHED DIAMOND AND METHOD OF MAKING	United States	US	S/N: 09/783441	14-Feb-01		
RD27003 [Filed]	DIAMOND MICRO SLURRY FOR CHEMICAL-MECHANICAL PLANARIZATION OF SEM CONDUCTOR WAFERS	United States	US	S/N: 09/472104 P/N: 6258721	27-Dec-99		
RD27003 [Filed]	DIAMOND MICRO SLURRY FOR CHEMICAL-MECHANICAL PLANARIZATION OF SEM CONDUCTOR WAFERS	United States	US	S/N: 09/591189 P/N: 6242351	9-Jun-00		
RD27642 [Filed]	METHOD OF DETECTION OF NATURAL DIAMONDS THAT HAVE BEEN PROCESSED AT HIGH PRESSURE AND HIGH TEMPERATURES	United States	US	S/N: 09/430477 P/N: 6377340	29-Oct-99		
RD27886 [Filed]	FUNCTIONALIZED DIAMONDS WITH ENHANCED RETENTION IN RESIN BONDS, REACTIONS AND METHODS FOR PRODUCING SAME, AND ABRASIVES USING FUNCTIONALIZED DIAMONDS	United States	US	S/N: 09/576794 P/N: 6372002	23-May-00		
RD28183 [Filed]	METAL-INFILTRATED POLYCRYSTALLINE DIAMOND COMPOSITE TOOL FORMED FROM COATED DIAMOND PARTICLES	United States	US	S/N: 09/783312 P/N: 6541115	26-Feb-01		
RD28183 [Filed]	METAL-INFILTRATED POLYCRYSTALLINE DIAMOND COMPOSITE TOOL FORMED FROM COATED DIAMOND PARTICLES	United States	US	S/N: 10/255431	28-Sep-02		
RD28271 [Filed]	ABRASIVE DIAMOND COMPOSITE AND METHOD OF MAKING THEREOF	United States	US	S/N: 09/729525	4-Dec-00		
134047 [Filed]	METHOD TO STABILIZE FRAME SAW BLADES DURING CUT INITIATION	United States	US	134047 -1 Provisional [Filed]	14-Aug-00		

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