PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5701598

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECOND LIEN PATENT SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
DIAMOND INNOVATIONS, INC.	08/28/2019

RECEIVING PARTY DATA

Name:	UBS AG, STAMFORD BRANCH
Street Address:	600 WASHINGTON BOULEVARD
City:	STAMFORD
State/Country:	CONNECTICUT
Postal Code:	06901

PROPERTY NUMBERS Total: 124

Property Type	Number
Patent Number:	10287824
Patent Number:	10017390
Patent Number:	7001577
Patent Number:	8105692
Patent Number:	9382463
Patent Number:	8182562
Patent Number:	9982176
Patent Number:	9095914
Patent Number:	9840649
Patent Number:	9598907
Patent Number:	9682460
Patent Number:	8927101
Patent Number:	8651204
Patent Number:	6242351
Patent Number:	6258721
Patent Number:	6350191
Patent Number:	6260640
Patent Number:	6322891
Patent Number:	6319608
Patent Number:	6372002

Property Type	Number
Patent Number:	6375446
Patent Number:	6666753
Patent Number:	6593391
Patent Number:	6315652
Patent Number:	6475254
Patent Number:	6596040
Patent Number:	7070635
Patent Number:	6811610
Patent Number:	6852414
Patent Number:	6814775
Patent Number:	7097551
Patent Number:	8070556
Patent Number:	7469569
Patent Number:	7435276
Patent Number:	8067323
Patent Number:	8500834
Patent Number:	8029338
Patent Number:	7322776
Patent Number:	7377477
Patent Number:	7316279
Patent Number:	7562858
Patent Number:	8394729
Patent Number:	7932199
Patent Number:	8597387
Patent Number:	8679206
Patent Number:	8591613
Patent Number:	9758708
Patent Number:	8148282
Patent Number:	8354353
Patent Number:	9845417
Patent Number:	8404010
Patent Number:	8327958
Patent Number:	9123856
Patent Number:	9555519
Patent Number:	9739096
Patent Number:	8667866
Patent Number:	9403137
Patent Number:	9010463

Property Type	Number
Patent Number:	8652226
Patent Number:	9381617
Patent Number:	9181135
Patent Number:	8968436
Patent Number:	9327385
Patent Number:	10047566
Patent Number:	9242215
Patent Number:	8939238
Patent Number:	8955209
Patent Number:	9303462
Patent Number:	9097075
Patent Number:	9034064
Patent Number:	9216493
Patent Number:	9108301
Patent Number:	9222350
Patent Number:	9138872
Patent Number:	9216492
Patent Number:	9089900
Patent Number:	9388328
Patent Number:	9383304
Patent Number:	9381483
Patent Number:	10046436
Patent Number:	9243968
Patent Number:	9920578
Patent Number:	9827611
Patent Number:	9815176
Patent Number:	10363624
Patent Number:	9476258
Patent Number:	9649748
Patent Number:	9598908
Patent Number:	10196314
Patent Number:	10167675
Patent Number:	10232493
Patent Number:	10137557
Patent Number:	10029316
Patent Number:	10337256
Patent Number:	10213835
Patent Number:	10166654

Property Type	Number
Patent Number:	10105826
Patent Number:	D682325
Patent Number:	D682326
Patent Number:	6994615
Application Number:	13705741
Application Number:	14582542
Application Number:	15424936
Application Number:	15435581
Application Number:	15591447
Application Number:	15437893
Application Number:	15514325
Application Number:	15460419
Application Number:	15510547
Application Number:	15514371
Application Number:	15514429
Application Number:	15540787
Application Number:	15639768
Application Number:	15546080
Application Number:	15701694
Application Number:	15571618
Application Number:	15544620
Application Number:	16129874
Application Number:	16167902
Application Number:	16084582
Application Number:	15948158
Application Number:	15793098
Application Number:	16201436
Application Number:	16292982

CORRESPONDENCE DATA

Fax Number: (650)838-5109

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: jlik@shearman.com
Correspondent Name: SOPHIE ZANDER
Address Line 1: 599 LEXINGTON AVENUE
Address Line 2: SHEARMAN & STERLING LLP
Address Line 4: NEW YORK, NEW YORK 10022

ATTORNEY DOCKET NUMBER:	38178/13
NAME OF SUBMITTER:	SOPHIE ZANDER
SIGNATURE:	/SOPHIE ZANDER/
DATE SIGNED:	09/04/2019

Total Attachments: 13
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GRANT OF
SECOND LIEN SECURITY INTEREST IN PATENT RIGHTS

This GRANT OF SECOND LIEN SECURITY INTEREST IN PATENT RIGHTS (this "Agreement"), dated as of August 28, 2019, is made by DIAMOND INNOVATIONS, INC., a Delaware corporation (the "Grantor"), in favor of UBS AG, STAMFORD BRANCH, as collateral agent (in such capacity, the "Agent") for the benefit of the Secured Parties in connection with that certain Second Lien Credit Agreement, dated as of August 28, 2019 (as amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), among SNOWBIRD ACQUISITION VEHICLE, INC., a Delaware corporation ("Holdings"), HYPERION MATERIALS & TECHNOLOGIES, INC., a Delaware corporation (a "Borrower" and the "Borrower Representative"), the subsidiary borrowers from time to time parties thereto, the lending institutions from time to time parties thereto (each a "Lender" and, collectively, the "Lenders") and UBS AG, STAMFORD BRANCH, as administrative agent and as collateral agent (in such capacity, together with its successors and assigns, the "Collateral Agent") for the benefit of the Secured Parties.

W I T N E S S E T H:

WHEREAS, pursuant to the Credit Agreement, the Lenders have severally agreed to make Loans to the Borrowers upon the terms and subject to the conditions set forth therein;

WHEREAS, in connection with the Credit Agreement, each Grantor and any Subsidiaries that become a party thereto, have executed and delivered a Second Lien Security Agreement, dated as of August 28, 2019 in favor of the Collateral Agent (together with all amendments restatements, supplements and modifications, if any, from time to time thereafter made thereto, the "Security Agreement");

WHEREAS, pursuant to the Security Agreement, Grantor has granted to the Collateral Agent, for the benefit of the Secured Parties, a lien on and security interest in, all of its right, title and interest in, to and under certain Intellectual Property, including the Patents, that is not Excluded Property; and

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in order to induce the Lenders to make loans to the Borrowers, each Grantor agrees, for the benefit of the Collateral Agent and the Secured Parties, as follows:

1. Definitions. Unless otherwise defined herein or the context otherwise requires, terms used in this Agreement, including its preamble and recitals, have the meanings provided or provided by reference in the Credit Agreement and the Security Agreement.

2. Grant of Security Interest. Each Grantor hereby grants a lien on and security interest in all of Grantor's right, title and interest in, to and under the Patents that are not Excluded Property (including, without limitation, those items listed on Schedule A hereto), including the right to receive all Proceeds therefrom (collectively, the "Collateral"), to the Collateral Agent for the benefit of the Secured Parties as collateral security for the prompt and complete payment and performance when due (whether at the stated maturity, by acceleration or otherwise) of the Obligations.

3. Purpose. This Agreement has been executed and delivered by each Grantor for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office. The security interest granted hereby has been granted to the Secured Parties in connection with the Security Agreement and is expressly subject to the terms and conditions thereof. The Security Agreement (and all rights and remedies of the Secured Parties thereunder) shall remain in full force and effect in accordance with its terms.

4. Acknowledgment. Each Grantor does hereby further acknowledge and affirm that the rights and remedies of the Secured Parties with respect to the security interest in the Collateral granted hereby are more fully set forth in the Credit Agreement and the Security Agreement, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the terms of the Security Agreement, the terms of the Security Agreement shall govern. In the event of any conflict between the terms of this Agreement and the terms of the Credit Agreement, the terms of the Credit Agreement shall govern.

5. Counterparts. This Agreement may be executed in counterparts, each of which will be deemed an original, but all of which together constitute one and the same original.

6. GOVERNING LAW: THIS AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.

7. Intercreditor Agreements. Notwithstanding anything herein to the contrary, the liens and security interests granted to the Collateral Agent pursuant to this Agreement and the exercise of any right or remedy by the Collateral Agent hereunder, are subject to the provisions of any Intercreditor Agreement then in effect. In the event of any conflict between the terms of any Intercreditor Agreement then in effect and the terms of this Agreement, the terms of such Intercreditor Agreement shall govern and control. No right, power or remedy granted to the Collateral Agent hereunder shall be exercised by the Collateral Agent, and no direction shall be given by the Collateral Agent, in contravention of any such Intercreditor Agreement.

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 above written.

DIAMOND INNOVATIONS, INC.,
as the Grantor

By: _____
Name: Rick Jones
Title: President

UBS AG, STAMFORD BRANCH
as the Collateral Agent

By: _____
Name: Darlene Arias
Title: Director

By: _____
Name: Kenneth Chin
Title: Director

SCHEDULE A

U.S. Patent Registrations and Applications

Patent Registrations:

OWNER	REGISTRATION NUMBER	REGISTRATION DATE	TITLE
Baker Hughes Incorporated Diamond Innovations, Inc.	US 10287824 B2	2019-05-14	Methods Of Forming Polycrystalline Diamond
Baker Hughes, A GE Company, LLC Diamond Innovations, Inc.	US 10017390 B2	2018-07-10	Polycrystalline Diamond Bodies Incorporating Fractionated Distribution Of Diamond Particles Of Different Morphologies
Diamond Innovations Inc.	US 7001577 B2	2006-02-21	Low Oxygen Cubic Boron Nitride And Its Production
Diamond Innovations Inc.	US 8105692 B2	2012-01-31	Process Equipment Wear Surfaces Of Extended Resistance And Methods For Their Manufacture
Diamond Innovations Inc.	US 9382463 B2	2016-07-05	Abrasive Particles Having A Unique Morphology
Diamond Innovations Inc.	US 8182562 B2	2012-05-22	Slurries Containing Abrasive Grains Having A Unique Morphology
Diamond Innovations Inc.	US 9982176 B2	2018-05-29	Abrasive Particles Having A Unique Morphology
Diamond Innovations Inc.	US 9095914 B2	2015-08-04	Precision Wire Saw Including Surface Modified Diamond
Diamond Innovations Inc.	US 9840649 B2	2017-12-12	Single Crystal CBN Featuring Micro-Fracturing During Grinding
Diamond Innovations Inc.	US 9598907 B2	2017-03-21	Modification Of Diamond Feeds For Improving Polycrystalline Diamond Cutter
Diamond Innovations, Inc	US 9682460 B2	2017-06-20	Induction Heating Aided Leaching Of Polycrystalline Diamond Compacts And A Process Thereof
Diamond	US 8927101 B2	2015-01-06	Abrasive Particles Having A

OWNER	REGISTRATION NUMBER	REGISTRATION DATE	TITLE
Innovations, Inc			Unique Morphology
Diamond Innovations, Inc	US 8651204 B2	2014-02-18	Metal-Free Supported Polycrystalline Diamond And Method To Form
Diamond Innovations, Inc.	US 10337256	2019-07-02	Polycrystalline Diamond Cutters Having Non-Catalytic Material Addition And Methods Of Making The Same
Diamond Innovations, Inc.	US 6242351 B1	2001-06-05	Diamond Slurry For Chemical-Mechanical Planarization Of Semiconductor Wafers
Diamond Innovations, Inc.	US 6258721 B1	2001-07-10	Diamond Slurry For Chemical-Mechanical Planarization Of Semiconductor Wafers
Diamond Innovations, Inc.	US 6350191 B1	2002-02-26	Surface Functionalized Diamond Crystals And Methods For Producing Same
Diamond Innovations, Inc.	US 6260640 B1	2001-07-17	Axisymmetric Cutting Element
Diamond Innovations, Inc.	US 6322891 B1	2001-11-27	Thermally-Diffused Boron Diamond And Its Production
Diamond Innovations, Inc.	US 6319608 B1	2001-11-20	Titanium Chromium Alloy Coated Diamond Crystals For Use In Saw Blade Segments And Method For Their Production
Diamond Innovations, Inc.	US 6372002 B1	2002-04-16	Functionalized Diamond, Methods For Producing Same, Abrasive Composites And Abrasive Tools Comprising Functionalized Diamonds
Diamond Innovations, Inc.	US 6375446 B1	2002-04-23	High Pressure Apparatus Having Transition Slope Binding Ring That Mitigates Tensile Stresses And Corresponding Method
Diamond Innovations, Inc.	US 6666753 B2	2003-12-23	Silver-Coated Abrasives, Tools Containing Silver-Coated Abrasives, And Applications Of These Tools
Diamond Innovations, Inc.	US 6593391 B2	2003-07-15	Abrasive-Filled Thermoset Composition And Its Preparation, And Abrasive-Filled Articles And

OWNER	REGISTRATION NUMBER	REGISTRATION DATE	TITLE
			Their Preparation
Diamond Innovations, Inc.	US 6315652 B1	2001-11-13	Abrasive Tool Inserts And Their Production
Diamond Innovations, Inc.	US 6475254 B1	2002-11-05	Functionally Graded Coatings For Abrasive Particles And Use Thereof In Vitreous Matrix Composites
Diamond Innovations, Inc.	US 6596040 B2	2003-07-22	Functionally Graded Coatings For Abrasive Particles And Use Thereof In Vitreous Matrix Composites
Diamond Innovations, Inc.	US 7070635 B2	2006-07-04	Self Sharpening Polycrystalline Diamond Compact With High Impact Resistance
Diamond Innovations, Inc.	US 6811610 B2	2004-11-02	Method Of Making Enhanced CVD Diamond
Diamond Innovations, Inc.	US 6852414 B1	2005-02-08	Self Sharpening Polycrystalline Diamond Compact With High Impact Resistance
Diamond Innovations, Inc.	US 6814775 B2	2004-11-09	Sintered Compact For Use In Machining Chemically Reactive Materials: Boron Nitride In Ceramic Binder; Abrasive Tools; Heating, Pressurization
Diamond Innovations, Inc.	US 7097551 B2	2006-08-29	Cutting Tools With Two-Slope Profile
Diamond Innovations, Inc.	US 8070556 B2	2011-12-06	Grinding Wheel For Roll Grinding And Method Of Roll Grinding
Diamond Innovations, Inc.	US 7469569 B2	2008-12-30	Wire Drawing Die And Method Of Making
Diamond Innovations, Inc.	US 7435276 B2	2008-10-14	Abrasive Particles Having Coatings With Tortuous Surface Topography
Diamond Innovations, Inc.	US 8067323 B2	2011-11-29	Sintered Compact
Diamond Innovations, Inc.	US 8500834 B2	2013-08-06	Sintered Compact
Diamond Innovations, Inc.	US 8029338 B2	2011-10-04	Method Of Grinding a Ferrous Roll
Diamond Innovations, Inc.	US 7322776 B2	2008-01-29	Cutting Tool Inserts And Methods To Manufacture
Diamond	US 7377477 B2	2008-05-27	Product Forming Molds And

OWNER	REGISTRATION NUMBER	REGISTRATION DATE	TITLE
Innovations, Inc.			Methods To Manufacture Same
Diamond Innovations, Inc.	US 7316279 B2	2008-01-08	Polycrystalline Cutter With Multiple Cutting Edges
Diamond Innovations, Inc.	US 7562858 B2	2009-07-21	Wear And Texture Coatings For Components Used In Manufacturing Glass Light Bulbs
Diamond Innovations, Inc.	US 8394729 B2	2013-03-12	Increasing The Seebeck Coefficient Of Semiconductors By HPHT Sintering
Diamond Innovations, Inc.	US 7932199 B2	2011-04-26	Sintered Compact
Diamond Innovations, Inc.	US 8597387 B2	2013-12-03	Abrasive Compact With Improved Machinability
Diamond Innovations, Inc.	US 8679206 B2	2014-03-25	Graded Drilling Cutters
Diamond Innovations, Inc.	US 8591613 B2	2013-11-26	Abrasive Grains Having Unique Features
Diamond Innovations, Inc.	US 9758708 B2	2017-09-12	Abrasive Particles Having A Unique Morphology
Diamond Innovations, Inc.	US 8148282 B2	2012-04-03	Method Of Solid PCBN Sythesis
Diamond Innovations, Inc.	US 8354353 B2	2013-01-15	Cubic Boron Nitride Ceramic Composites And Methods Of Making Thereof
Diamond Innovations, Inc.	US 9845417 B2	2017-12-19	Abrasive Particles Having A Unique Morphology
Diamond Innovations, Inc.	US 8404010 B2	2013-03-26	Abrasive Compact With Improved Machinability
Diamond Innovations, Inc.	US 8327958 B2	2012-12-11	Abrasive Compact Of Superhard Material And Chromium And Cutting Element Including Same
Diamond Innovations, Inc.	US 9123856 B2	2015-09-01	Affecting The Thermoelectric Figure Of Merit (ZT) And The Power Factor By High Pressure, High Temperature Sintering
Diamond Innovations, Inc.	US 9555519 B2	2017-01-31	Incorporation Of Bulk Metal Foils To Increase Toughness Of Polycrystalline Diamond
Diamond	US 9739096 B2	2017-08-22	Cutter Assembly With At Least One Island And A Method Of

OWNER	REGISTRATION NUMBER	REGISTRATION DATE	TITLE
Innovations, Inc.			Manufacturing A Cutter Assembly
Diamond Innovations, Inc.	US 8667866 B2	2014-03-11	Machining Tool Blank And Method Of Forming
Diamond Innovations, Inc.	US 9403137 B2	2016-08-02	Polycrystalline Diamond Material With Extremely Fine Microstructures
Diamond Innovations, Inc.	US 9010463 B2	2015-04-21	Multi-Axis Modulation Of Cutters
Diamond Innovations, Inc.	US 8652226 B2	2014-02-18	Abrasive Particles Having A Unique Morphology
Diamond Innovations, Inc.	US 9381617 B2	2016-07-05	Sintered Cubic Boron Nitride Cutting Tool
Diamond Innovations, Inc.	US 9181135 B2	2015-11-10	Composite Compacts Formed Of Ceramics And Low Volume Cubic Boron Nitride And Method Of Manufacture
Diamond Innovations, Inc.	US 8968436 B2	2015-03-03	Increase Toughness Of Polycrystalline Diamond
Diamond Innovations, Inc.	US 9327385 B2	2016-05-03	Near-Net Cutting Tool Insert
Diamond Innovations, Inc.	US 10047566 B2	2018-08-14	Cutter Tool Insert Having Sensing Device
Diamond Innovations, Inc.	US 9242215 B2	2016-01-26	Infiltration Compositions For PCD By Using Coated Carbide Substrates
Diamond Innovations, Inc.	US 8939238 B2	2015-01-27	High Quality PCD Compact
Diamond Innovations, Inc.	US 8955209 B2	2015-02-17	Method Of Joining Two Components To Ensure Axial And Angular Alignment Therebetween
Diamond Innovations, Inc.	US 9303462 B2	2016-04-05	Cutter Assembly With At Least One Island And A Method Of Manufacturing A Cutter Assembly
Diamond Innovations, Inc.	US 9097075 B2	2015-08-04	Cutting Element Structure With Sloped Superabrasive Layer
Diamond Innovations, Inc.	US 9034064 B2	2015-05-19	Methods For Improving Thermal Stability Of Silicon-Bonded Polycrystalline Diamond
Diamond	US 9216493 B2	201 5-12-22	Methods Of Improving Sintering Of

OWNER	REGISTRATION NUMBER	REGISTRATION DATE	TITLE
Innovations, Inc.			PCD Using Graphene
Diamond Innovations, Inc.	US 9108301 B2	2015-08-18	Delayed Diffusion Of Novel Species From The Back Side Of Carbide
Diamond Innovations, Inc.	US 9222350 B2	2015-12-29	Cutter Tool Insert Having Sensing Device
Diamond Innovations, Inc.	US 9138872 B2	2015-09-22	Polycrystalline Diamond Drill Blanks With Improved Carbide Interface Geometries
Diamond Innovations, Inc.	US 9216492 B2	2015-12-22	Functionalization Of Cubic Boron Nitride And Method Of Making The Same
Diamond Innovations, Inc.	US 9089900 B2	2015-07-28	Method Of Producing Holes And Countersinks In Polycrystalline Bodies
Diamond Innovations, Inc.	US 9388328 B2	2016-07-12	Lapping Slurry Having A Cationic Surfactant
Diamond Innovations, Inc.	US 9383304 B2	2016-07-05	Laboratory Assessment Of PDC Cutter Design Under Mixed-Mode Conditions
Diamond Innovations, Inc.	US 9381483 B2	2016-07-05	Polycrystalline Diamond Compacts Having Improved Wear Characteristics, And Method Of Making The Same
Diamond Innovations, Inc.	US 10046436 B2	2018-08-14	Delayed Diffusion Of Novel Species From The Back Side Of Carbide
Diamond Innovations, Inc.	US 9243968 B2	2016-01-26	Method For Measuring Pressures In A High Pressure Cell By Monitoring Continuous Changes In Physical Properties Of Geo2-Sio2 Solid Solution
Diamond Innovations, Inc.	US 9920578 B2	2018-03-20	PDC Cutter With Chemical Addition For Enhanced Abrasion Resistance
Diamond Innovations, Inc.	US 9827611 B2	2017-11-28	Diamond Composite Cutting Tool Assembled With Tungsten Carbide
Diamond Innovations, Inc.	US 9815176 B2	2017-11-14	Polycrystalline Diamond Compact Fabricated From Surface Functionalized Diamond Particles

OWNER	REGISTRATION NUMBER	REGISTRATION DATE	TITLE
Diamond Innovations, Inc.	US 10363624 B2	2019-07-30	Active Metal Braze Joint With Stress Relieving Layer
Diamond Innovations, Inc.	US 9476258 B2	2016-10-25	PDC Cutter With Chemical Addition For Enhanced Abrasion Resistance
Diamond Innovations, Inc.	US 9649748 B2	2017-05-16	Polycrystalline Diamond Compact With A Modified Substrate
Diamond Innovations, Inc.	US 9598908 B2	2017-03-21	Multilayer Coating Process Protecting The Substrate Of Thermally Stable Polycrystalline Diamond Cutter
Diamond Innovations, Inc.	US 10196314 B2	2019-02-05	Method Of Preparing A Multimodal Cubic Boron Nitride Powder
Diamond Innovations, Inc.	US 10167675 B2	2019-01-01	Polycrystalline Diamond Cutting Elements Having Lead Or Lead Alloy Additions
Diamond Innovations, Inc.	US 10232493 B2	2019-03-19	Polycrystalline Diamond Cutting Elements Having Non-Catalyst Material Additions
Diamond Innovations, Inc.	US 10137557 B2	2018-11-27	High-Density Polycrystalline Diamond
Diamond Innovations, Inc.	US 10029316 B2	2018-07-24	Polycrystalline Diamond Drill Bit Having A Laser Cut Chip Breaker
Diamond Innovations, Inc.	US 10337256 B2	2019-07-02	Polycrystalline Diamond Cutters Having Non-Catalytic Material Addition And Methods Of Making The Same
Diamond Innovations, Inc.	US 10213835 B2	2019-02-26	Polycrystalline Diamond Compacts Having Parting Compound And Methods Of Making The Same
Diamond Innovations, Inc.	US 10166654 B2	2019-01-01	Dense Packing Particle Size Distribution For PDC Cutters
Diamond Innovations, Inc.	US 10105826 B2	2018-10-23	Methods Of Making Polycrystalline Diamond Bodies Having Annular Regions With Differing Characteristics
Diamond Innovations Inc. Sandvik Intellectual Property Ab	US D682325 S1	2013-05-14	Drill Bit

OWNER	REGISTRATION NUMBER	REGISTRATION DATE	TITLE
Diamond Innovations Inc. Sandvik Intellectual Property Ab	US D682326 S1	2013-05-14	Drill Bit
Diamond Innovations, Inc.	6994615	2006-02-07	CUTTING TOOLS WITH TWO-SLOPE PROFILE: BIBLIO DATA ONLY

Patent Applications:

OWNER	APPLICATION NUMBER	APPLICATION DATE	TITLE
Diamond Innovations, Inc.	13/705,741	2012-12-05	Sintered Cubic Boron Nitride Cutting Tool
Diamond Innovations, Inc.	14/582,542	2014-12-24	PDC Cutter With Chemical Addition For Enhanced Abrasion Resistance
Diamond Innovations, Inc.	15/424,936	2017-02-06	Multilayer Coating Process Protecting The Substrate Of Thermally Stable Polycrystalline Diamond Cutter
Diamond Innovations, Inc. Baker Hughes, a GE Company, LLC	15/435,581	2017-02-17	Polycrystalline Diamond Compacts Having Interstitial Diamond Grains And Methods Of Making The Same
Diamond Innovations, Inc.	15/591,447	2017-05-10	Interface Modification Of Polycrystalline Diamond Compact
Diamond Innovations, Inc.	15/437,893	2017-02-21	Polycrystalline Diamond Cutting Elements With Modified Catalyst Depleted Portions And Methods Of Making The Same
Diamond Innovations, Inc.	15/514,325	2017-03-24	Substrates For Polycrystalline Diamond Cutters With Unique Properties
Diamond Innovations, Inc.	15/460,419	2017-03-16	Polycrystalline Diamond Bodies Having Annular Regions With Differing Characteristics
Diamond Innovations, Inc.	15/510,547	2017-03-10	Polycrystalline Diamond Compact Cutter Having Surface Texturing
Diamond Innovations, Inc.	15/514,371	2017-03-24	Substrates For Polycrystalline Diamond Cutters With Unique Properties
Diamond Innovations, Inc.	15/514,429	2017-03-24	Cutters Comprising Polycrystalline Diamond Attached To A Hard Metal Carbide Substrate
Diamond Innovations, Inc.	15/540,787	2017-06-29	Polycrystalline Cubic Boron Nitride (PCBN) Comprising Microcrystalline Cubic Boron Nitride (CBN) And Method Of Making

OWNER	APPLICATION NUMBER	APPLICATION DATE	TITLE
Diamond Innovations, Inc.	15/639,768	2017-06-30	Abrasive Tool Having A Braze Joint With Insoluble Particles
Diamond Innovations, Inc.	15/546,080	2017-07-25	Friable Ceramic-Bonded Diamond Composite Particles And Methods To Produce Same
Diamond Innovations, Inc.	15/701,694	2017-09-12	Determining Temperature Inside A High Pressure Cell By Evaluating Solid Solution Composition
Diamond Innovations, Inc.	15/571,618	2017-11-03	Cutting Elements Having Accelerated Leaching Rates And Methods Of Making The Same
Diamond Innovations, Inc.	15/544,620	2017-07-19	Polycrystalline Diamond Cutters Having Non-Catalytic Material Addition And Methods Of Making The Same
Diamond Innovations, Inc.	16/129,874	2018-09-13	Methods Of Making Polycrystalline Diamond Bodies Having Annular Regions With Differing Characteristics
Diamond Innovations, Inc.	16/167,902	2018-10-23	Polycrystalline Diamond Cutting Elements Having Lead Or Lead Alloy Additions
Diamond Innovations, Inc.	16/084,582	2018-09-13	Polycrystalline Diamond Bodies Having Annular Regions With Differing Characteristics
Diamond Innovations, Inc.	15/948,158	2018-04-09	Polycrystalline Diamond Bodies Incorporating Fractionated Distribution Of Diamond Particles Of Different Morphologies
Diamond Innovations, Inc.	15/793,098	2017-10-25	PCBN Compact For Machining Of Ferrous Alloys
Diamond Innovations, Inc.	16/201,436	2018-11-27	Dense Packing Particle Size Distribution For PDC Cutters
Diamond Innovations, Inc.	16/292,982	2019-03-05	Polycrystalline Diamond Compacts And Earth-Boring Tools Including Such Compacts