

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Paul Douglas Jones	05/04/2011
Kenneth E. Bertagnolli	05/04/2011
Debkumar Mukhopadhyay	05/04/2011
David P. Miess	05/05/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	US Synthetic Corporation
<b>Street Address:</b>	1260 South 1600 West
<b>City:</b>	Orem
<b>State/Country:</b>	UTAH
<b>Postal Code:</b>	84058
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13100388
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)328-1707
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	801-533-9800
<b>Email:</b>	Docketing@wnlaw.com
<b>Correspondent Name:</b>	Workman Nydegger / US SYNTHETIC CORP.
<b>Address Line 1:</b>	60 East South Temple, 1000 Eagle Gate To
<b>Address Line 4:</b>	Salt Lake City, UTAH 84111
<b>ATTORNEY DOCKET NUMBER:</b>	17901.6.4
<b>NAME OF SUBMITTER:</b>	Marcus S. Simon

Total Attachments: 6

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**PATENT**  
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WHEN RECORDED RETURN TO:

PATENT APPLICATION

Docket No: 17901.6.4

Workman Nydegger  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

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ASSIGNMENT

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I/We the undersigned, hereinafter collectively referred to as "Assignor", have made an invention entitled "Polycrystalline Diamond Compact Including a Polycrystalline Diamond Table Containing Aluminum Carbide Therein and Applications Therefor". Preferred embodiments of said invention are disclosed in a United States patent application which:

- ☐ is executed concurrently herewith for filing in the United States Patent and Trademark Office and has been assigned Application Serial No N/A, with a filing date of N/A.
- ☒ was previously filed in the United States Patent and Trademark Office on May 4, 2011 as Application Serial No. 13/100,388.
- ☐ is a United States National Application of PCT International Application No. N/A, filed N/A.

(The attorneys of Workman Nydegger are hereby authorized to insert the serial number and filing date when known.)

The Assignee, US Synthetic Corporation, a corporation of the state of Delaware, having a principal place of business at 1260 South 1600 West, Orem, Utah 84058, desires to secure the entire right, title and interest in said invention and the patent application filed thereon.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

Assignor hereby authorizes and requests the United States Commissioner for Patents, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration and without expense to Assignee, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of the Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

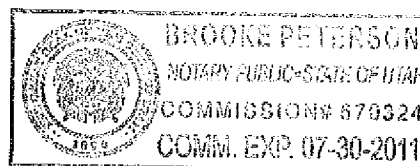
**Inventor 1**

Paul Douglas Jones  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)  
Inventor's signature [Signature] Date May 4, 2011  
Mailing Address 387 N. Ama Fille Cir., Elk Ridge, UT 84651

STATE OF UTAH §  
COUNTY OF UTAH §

On May 4<sup>th</sup>, 2011, before me personally appeared Paul Douglas Jones, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.

[Signature]  
NOTARY PUBLIC  
Residing at Orem, Utah  
My Commission Expires: 7/30/2011



**Inventor 2**

Kenneth  
(GIVEN NAME)

E.  
(MIDDLE INITIAL OR NAME)

Bertagnolli  
FAMILY (OR LAST NAME)

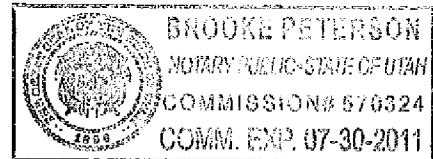
Inventor's signature [Signature] Date 4 MAY, 2011

Mailing Address 11762 Whatta View Place, Riverton, UT 84065

STATE OF UTAH           §  
                                  §  
COUNTY OF UTAH       §

On May 4<sup>th</sup>, 2011, before me personally appeared Kenneth E. Bertagnolli, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.

[Signature]  
NOTARY PUBLIC  
Residing at Orem, Utah  
My Commission Expires: 7/30/2011



**Inventor 3**

Debkumar  
(GIVEN NAME)

\_\_\_\_\_  
(MIDDLE INITIAL OR NAME)

Mukhopadhyay  
FAMILY (OR LAST NAME)

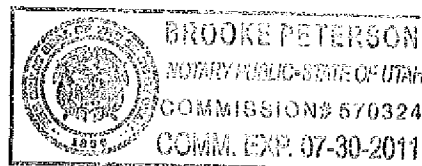
Inventor's signature Debkumar Mukhopadhyay Date 5/4, 2011

Mailing Address 8905 Cold Water Drive, Apt.# 2183, Sandy, UT 84094

STATE OF UTAH           §  
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COUNTY OF UTAH       §

On May 4<sup>th</sup>, 2011, before me personally appeared Debkumar Mukhopadhyay, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.

Brooks Peterson  
NOTARY PUBLIC  
Residing at Orem, Utah  
My Commission Expires: 7/30/2011



**Inventor 4**

David P. Miess  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)  
Inventor's signature *David P. Miess* Date May 5, 2011  
Mailing Address 9639 North 6220 West, Highland, UT 84003

STATE OF UTAH §  
COUNTY OF UTAH §

On May 5<sup>th</sup>, 2011, before me personally appeared David P. Miess, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.

*Brooke Peterson*  
NOTARY PUBLIC  
Residing at Orem, Utah  
My Commission Expires: 7/30/2011

