

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
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<table border="1"> <tr> <td>Name:</td> <td>US Synthetic Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1260 South 1600 West</td> </tr> <tr> <td>City:</td> <td>Orem</td> </tr> <tr> <td>State/Country:</td> <td>UTAH</td> </tr> <tr> <td>Postal Code:</td> <td>84058</td> </tr> </table>		Name:	US Synthetic Corporation	Street Address:	1260 South 1600 West	City:	Orem	State/Country:	UTAH	Postal Code:	84058				
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Application Number:	13486578														
CORRESPONDENCE DATA															
Fax Number:	(801)328-1707														
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Address Line 1:	60 East South Temple, Suite 1000														
Address Line 4:	Salt Lake City, UTAH 84111														
ATTORNEY DOCKET NUMBER:	17901.33.7														

OP \$40.00 13486578

NAME OF SUBMITTER:

Marcus S. Simon

**Total Attachments: 8**

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

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A S S I G N M E N T

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I/We the undersigned, hereinafter collectively referred to as "Assignor", have made an invention entitled POLYCRYSTALLINE DIAMOND, POLYCRYSTALLINE DIAMOND COMPACTS, METHOD OF MAKING SAME, AND APPLICATIONS. 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 13/486,578, with a filing date of June 1, 2012.
- was previously filed in the United States Patent and Trademark Office on N/A as Application Serial No. N/A.
- 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.

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.

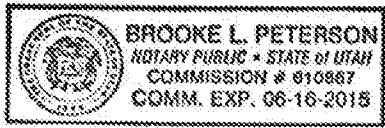
**Inventor 1**

Kenneth E. Bertagnolli  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)  
Inventor's signature [Signature] Date 29 MAY, 2012  
Mailing Address 11762 Whatta View Place, Riverton, UT 84065

STATE OF UTAH  
COUNTY OF UTAH

On MAY 29<sup>th</sup>, 2012, 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 Crem, Utah  
My Commission Expires: 6/16/2015











**Inventor 5**

Debkumar \_\_\_\_\_ Mukhopadhyay \_\_\_\_\_  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)  
Inventor's signature Debkumar Mukhopadhyay Date 5/25, 2012  
Mailing Address 8905 Cold Water Drive, Apt. #2183, Sandy, Utah 84094

STATE OF UTAH

COUNTY OF UTAH

On May 25<sup>th</sup>, 2012, 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.

Brooke L. Peterson  
NOTARY PUBLIC  
Residing at Drum, Utah  
My Commission Expires: 6/16/2015

