501941515 06/01/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kenneth E. Bertagnolli	05/29/2012
Jiang Qian	05/25/2012
Jason K. Wiggins	05/30/2012
Michael A. Vail	05/25/2012
Debkumar Mukhopadhyay	05/25/2012
Brandon P. Linford	05/25/2012

RECEIVING PARTY DATA

Name:	US Synthetic Corporation
Street Address:	1260 South 1600 West
City:	Orem
State/Country:	UTAH
Postal Code:	84058

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13486578

CORRESPONDENCE DATA

Fax Number: (801)328-1707 Phone: 801 533 9800 Email: lpotter@wnlaw.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Workman Nydegger

Address Line 1: 60 East South Temple, Suite 1000 Address Line 4: Salt Lake City, UTAH 84111

PATENT

REEL: 028305 FRAME: 0192

NAME OF SUBMITTER:	Marcus S. Simon
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PATENT REEL: 028305 FRAME: 0193 Workman Nydegger 1000 Eagle Gate Tower 60 East South Temple Salt Lake City, Utah 84111

ASSIGNMENT

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:

- [X] 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.

PATENT REEL: 028305 FRAME: 0194 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.

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Kenneth	E.	Bertag	molli
(GIVEN NAME)	"муррсе інп ене	OBNAMES / FAMILY	(OR LAST NAME)
Inventor's signature	54E, 1	71/1	Date 29 MAY, 2012
Mailing Address11	762 Whatta View Pl	Tace! Riverton, UT 840)65
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My Commission Expires	: 6/10/2015		21. A Aprille FOL. 00.10.5013

Jiang		Qian
(GIVEN NAME)	(MIDDLE INTTIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature	4,4	Date 404-25, 2012
Mailing Address105	37 Colonial Drive, Cedar Hills	× · · · · · · · · · · · · · · · · · · ·
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NOTARY PUBLIC Residing at MM, \\	ah	BROOKE L. PETERSON
My Commission Expires:	6/16/2015	COMM. EXP. 06-16-2015

Jason	K.	Wiggins	
(GIVEN NAME)	(MIDDLE INITIAL OR NA	IME)	
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Mailing Address	833 Park School Road, Drag	per, Utah 84020	
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known to me to be presence and acknow	the person described and volledged under oath before n	re me personally appeared Jason K who signed the foregoing Assignm me that he has read the same and s his free act and deed and for the p	nent in my knows the
Residing at White My Commission Exp	1601 , Uah ires: 6/16/2015	BROOKE L. PETER MOINT PUBLIC . STATE OF COMMISSION # 610 COMM. EXP. 06-16-0	CUTAH

Michael	<u>A.</u>	Vail
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	EAMILY (OR LAST NAME)
Inventor's signature	222.her/4/,/3/	Date 1/1/25, 2012
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Debkumar		Mukhopadhyay	
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)	
Inventor's signature 💯	blumllur kpolyer	Date $5\sqrt{2.5}$, 20	912
Mailing Address890	5 Cold Water Drive, Apt. #218	83, Sandy, Utah 84094	
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mandon		Linford	
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