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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID P. MIESS	08/15/2014

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:	14463587

CORRESPONDENCE DATA

Fax Number: (801)933-7373

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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Correspondent Name: DORSEY & WHITNEY / US SYNTHETIC CORP. IN

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NAME OF SUBMITTER:	MARCUS S. SIMON	
SIGNATURE:	/Marcus S. Simon, Reg.# 50258/	
DATE SIGNED: 08/19/2014		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

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PATENT REEL: 033567 FRAME: 0805 502941696

COMBINED DECLARATION and ASSIGNMENT

(Utility, Design, National Stage of PCT)

TITLE OF INVENTION: POSITIVE RELIEF FORMING OF POLYCRYSTALLINE DIAMOND STRUCTURES AND RESULTING CUTTING TOOLS

As a below named inventor, I hereby declare that:

SPECIFICATION IDENTIFICATION

This declaration and assignment is directed to:

(complete (a), (b), or (c))

- (a) [X] The attached application (United States Application No. TBD, filed on TBD);
- (b) [] Previously filed United States Application No. N/A, filed on N/A; or
- (c) [] PCT International Application No. N/A, filed on N/A (nationalized as United States Application No. N/A, filed on N/A).

I hereby authorize the patent attorneys and/or patent agents of Dorsey & Whitney LLP to insert the above Application No(s), and filing date(s) when known.

DECLARATION AND ACKNOWLEDGEMENT

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claim(s).

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which

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international filing date of the continuation-in-part application.

I hereby acknowledge that any willful false statement made in this declaration is punishable

under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

The Assignee, US Synthetic Corporation, a corporation of the state of Delaware and having a

principal place of business at 1260 South 1600 West, Orem, Utah 84058, desires to secure the

entire right, title and interest in the above-identified application and in the invention disclosed

therein.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to me by

the Assignee, the receipt and sufficiency of which is hereby acknowledged, I HEREBY ASSIGN

TO THE ASSIGNEE:

The entire right, title and interest in the above-identified application and in the invention disclosed therein and in all divisions, continuations and continuations in-part of said application and in all corresponding applications filed in countries

in-part of said application 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 and in all reissues or extensions of patents granted thereon.

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

priority to or the benefit of the above-identified application including under all

applicable treaties and conventions.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, 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.

I hereby agree, without further consideration and without expense, to sign all lawful papers and

to perform all other lawful acts which the Assignee may request of me to make this Assignment

fully effective, including, by way of example but not of limitation, the following:

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PATENT REEL: 033567 FRAME: 0807 Prompt execution of all original, divisional, continuation, continuation-in-part, substitute, reissue, and other United States and foreign patent applications on the invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of my ability in: (1) proceedings relating to nullification, reissue, extension, post grant, inter parties, derivation, supplemental examination, and infringement involving the invention; (2) execution of all lawful documents involving the invention; and (3) the production of evidence involving the invention.

This assignment and agreement shall be binding upon my heirs and legal representatives.

SIGNATURE(S)

Full name of sole or first inver-	itor	
David	P	Miess
Signature Signature	P. U. (MIDDLE INTIAL OR NAME) P. U. (MIDDLE INTIAL OR NAME) Date	FAMILY (OR LAST NAME) 8/15/2014
STATE OF UTAH		
COUNTY OF UTAH		
known to me to be the person and Assignment in my presen	n described and who signed the ace and acknowledged under oa thereof and that he executed the	onally appeared David P. Miess foregoing Combined Declaration th before me that he has read the same as his free act and deed and
NOTARY PUBLIC Residing at Wayer, UT		SARAH M PETERSEN Notery Public, State of Utah Commission # 610766 My Commission Expires July 10, 2016
My Commission Expires: Jul	a 10 2.010	

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