

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2988294

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID P. MIESS	08/15/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	US SYNTHETIC CORPORATION
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14463587
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	MARCUS S. SIMON
<b>SIGNATURE:</b>	/Marcus S. Simon, Reg.# 50258/
<b>DATE SIGNED:</b>	08/19/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 3</b>	
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source=20140819_243921US01_480566-278_Application-ExecutedDeclarationAssignment#page2.tif	
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**COMBINED DECLARATION and ASSIGNMENT**  
(Utility, Design, National Stage of PCT)

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**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)  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

became available between the filing date of the prior application and the national or PCT 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 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:

