

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Nephi MOURIK	07/09/2007
Ronald K. EYRE	07/06/2007
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11745975
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Total Attachments: 2 source=63833-5115_ExecAssignment#page1.tif source=63833-5115_ExecAssignment#page2.tif	

CH \$40.00 11745975

ASSIGNMENT OF PATENT APPLICATION

(1-8) **Insert name(s) of inventors(s)** (1) Nephi MOURIK
(2) Ronald K. EYRE

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) **Insert name of Assignee** (9) SMITH INTERNATIONAL, INC.

(10) **Insert state of incorporation of Assignee** (10) Delaware

(11) **Insert address of Assignee** (11) 16740 Hardy Street
Houston, Texas 77032
US

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) **Insert identification of invention, such as title, case number or foreign application number** (12) **NONDESTRUCTIVE METHOD OF MEASURING A REGION WITHIN AN ULTRA-HARD POLYCRYSTALLINE CONSTRUCTION**
U.S. Patent Application
Serial No. 11/745,975, filed May 8, 2007

(13) **Insert date of signing of application** (13) **July 6 & 9, 2007**

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the international Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grants the attorneys of CUSTOMER NO. 24,574: **ROD S. BERMAN**, Reg. No. 31,483, **GRANT T. LANGTON**, Reg. No. 39,739, **BERNARD R. GANS**, Reg. No. 27,443, **BRIAN KASELL**, Reg. No. 33,522, **DOUGLAS N. LARSON**, Reg. No. 29,401, **GEORGE G. C. TSENG**, Reg. No. 41,355, **BRENNAN C. SWAIN**, Reg. No. 43,175, and **MANALI V. DIGHE**, Reg. No. 56,856 of **JEFFER, MANGELS, BUTLER & MARMARO LLP**, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent & Trademark Office for recordation of this Assignment.

7-9-2007
Date

Nephi Mourik
Signature of **Nephi MOURIK**

Sharmae W. Gilgen
Signature of Witness

Sharmae W. Gilgen
(Printed Name of Witness)

7/6/07
Date

Ronald K. Eyre
Signature of **Ronald K. EYRE**

Sharmae W. Gilgen
Signature of Witness

Sharmae W. Gilgen
(Printed Name of Witness)