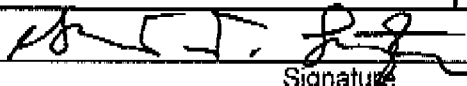


Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY	
63833-5022	
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1. Name of conveying party(ies) J. Daniel Belnap Anthony Griffo Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Smith International Inc.</u> Internal Address: _____ Street Address: <u>16740 Hardy Street</u> City: <u>Houston</u> State: <u>TX</u> Country: <u>US</u> Zip: <u>77032</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>05-03-2005, 05-18-2005, and 05-19-2005</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/067,582</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Grant T. Langton, JEFFER, MANGELS, BUTLER & MARMARO LLP</u> Internal Address: _____ Street Address: <u>1900 Avenue of the Stars</u> <u>Seventh Floor</u> City: <u>Los Angeles</u> State: <u>CA</u> Zip: <u>90067</u> Phone Number: <u>310 203-8080</u> Fax Number: <u>310 203-0567</u> Email Address: <u>PatentDocket@jmbm.com</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) <u>\$40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
9. Signature: <u></u> <div style="text-align: center;">Signature</div> <u>Grant T. Langton</u> Name of Person Signing	8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>10-0440</u> Authorized User Name _____ Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**ATTACHMENT FOR RECORDATION FORM COVER SHEET
PATENTS ONLY (Form PTO-1595)**

1. Name of conveying party(ies):Ronald K. EyreSteward N. Middlemiss

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No**2. Name and address of receiving party(ies)**

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached?

☐ Yes ☒ No**4. Application number(s) or patent number(s):**

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No

ASSIGNMENT OF PATENT APPLICATION

(1-8)	Insert name(s) of inventors(s)	(1) J. Daniel BELNAP	(3) Ronald K. EYRE
		(2) Anthony GRIFFO	(4) Stewart N. MIDDLEMISS
		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) ULTRAHARD COMPOSITE CONSTRUCTIONS U.S. Serial No. 11/067,582	
(13)	Insert date of signing of application	(13) May 3, 2005, May 18, 2005, and May 19, 2005	

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.

JUN-22-2005 19:34

Jeffer Mangels 6th #22

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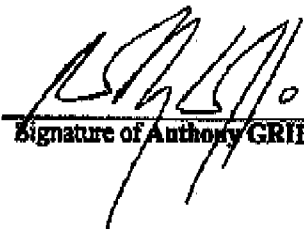


Attorney Docket No. 63833-5022

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: GRANT T. LANGTON, Reg. No. 39,739, ROD S. BERMAN, Reg. No. 31,483, BERNARD R. GANS, Reg. No. 27, 443, GEORGE G. C. TSENG, Reg. No. 41,355, STEVEN R. HANSEN, Reg. No. 39,214, BRENNAN SWAIN, Reg. No. 43,175, and MICHELLE KIM, Reg. No. 51,881 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.

_____ Date	_____ Signature of Daniel J. BELNAP	_____ Signature of Witness
		_____ (Printed Name of Witness)
5/3/05 _____ Date	 _____ Signature of Anthony GRITTO	 _____ Signature of Witness
		 _____ (Printed Name of Witness)
_____ Date	_____ Signature of Ronald K. EYRE	_____ Signature of Witness
		_____ (Printed Name of Witness)
_____ Date	_____ Signature of Stewart N. MIDDLEMISS	_____ Signature of Witness
		_____ (Printed Name of Witness)

Assignment of Patent Application Page 2 of 2

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Attorney Docket No. 63833-5022

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<u>5/12/05</u>	<u>J. Daniel Belnap</u>	<u>Sharmae W. Gilgen</u>
Date	Signature of Daniel J. BELNAP	Signature of Witness
		<u>Sharmae W. Gilgen</u>
		(Printed Name of Witness)

_____	_____	_____
Date	Signature of Anthony GRIFFO	Signature of Witness
		(Printed Name of Witness)

<u>5/19/05</u>	<u>Ronald K. Eyre</u>	<u>Sharmae W. Gilgen</u>
Date	Signature of Ronald K. EYRE	Signature of Witness
		<u>Sharmae W. Gilgen</u>
		(Printed Name of Witness)

<u>5/16/05</u>	<u>Stewart N. Middlemiss</u>	<u>Sharmae W. Gilgen</u>
Date	Signature of Stewart N. MIDDLEMISS	Signature of Witness
		<u>Sharmae W. Gilgen</u>
		(Printed Name of Witness)

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