

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael R. Reese</td> <td>11/03/2010</td> </tr> <tr> <td>Federico Bellin</td> <td>11/03/2010</td> </tr> <tr> <td>Alfazazi Dourfaye</td> <td>11/08/2010</td> </tr> <tr> <td>Gary M. Thigpen</td> <td>11/03/2010</td> </tr> </tbody> </table>		Name	Execution Date	Michael R. Reese	11/03/2010	Federico Bellin	11/03/2010	Alfazazi Dourfaye	11/08/2010	Gary M. Thigpen	11/03/2010
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Michael R. Reese	11/03/2010										
Federico Bellin	11/03/2010										
Alfazazi Dourfaye	11/08/2010										
Gary M. Thigpen	11/03/2010										
RECEIVING PARTY DATA											
Name:	Varel Europe S.A.S.										
Street Address:	45, Avenue Leon Blum										
Internal Address:	Pau Cite Multimedia Batiment D										
City:	Pau Cedex 09										
State/Country:	FRANCE										
Postal Code:	64054										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12916847</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12916847						
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Application Number:	12916847										
CORRESPONDENCE DATA											
Fax Number:	(713)751-3290										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	713-751-3200										
Email:	houpatentdocket@kslaw.com										
Correspondent Name:	King & Spalding LLP										
Address Line 1:	1100 Louisiana Street										
Address Line 2:	Suite 4000 IP Department										
Address Line 4:	Houston, TEXAS 77002										
ATTORNEY DOCKET NUMBER:	15268.105037										
NAME OF SUBMITTER:	Christina DuVal										

OP \$40.00 12916847

Total Attachments: 6

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Michael R. Reese, Federico Bellin, Alfazazi Dourfaye, Gary M. Thigpen

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Varef Europe S.A.S.

Internal Address: Pau Cite Multimedia, Batiment D

Street Address: 45 Avenue Leon Blum

City: Pau Cedex 09

State: _____

Country: France Zip: 64054

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 11/03/10 and 11/08/10

- Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

12/916,847

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: King & Spalding LLP

Internal Address: Suite 4000 IP Docketing

Street Address: 1100 Louisiana

City: Houston

State: Texas Zip: 77002

Phone Number: 713-751-3200

Fax Number: 713-751-3290

Email Address: houpatentdocket@kslaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:


Signature

November 11, 2010

Date

Rajesh D. Patel
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

6

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

ASSIGNMENT

WHEREAS, we, **Michael R. Reese**, a citizen of the United States, residing at 2806 Twin Fountains Drive, Houston, Texas 77068, United States, **Federico Bellin**, a citizen of Italy, residing at 44, Avenue du Loup, 64000 Pau, France, **Alfazazi Dourfaye**, a citizen of France, residing at 82 Avenue, Philippe Auguste, 75011 Paris, France, and **Gary M. Thigpen**, a citizen of the United States, residing at 1007 Rosemeadow Drive, Houston, Texas 77094, United States, have invented certain inventions and improvements disclosed in a non-provisional application for Letters Patent entitled, "**Synthetic Materials For PDC Cutter Testing Or For Testing Superhard Materials**", filed with the U.S. Patent and Trademark Office on November 1, 2010 and assigned U.S. Patent Application No. 12/916,847; and

WHEREAS, **Varel Europe S.A.S.**, a French corporation having a principal place of business at Pau Cité Multimédia, Bâtiment D, 45, Avenue Léon Blum, 64054 PAU Cedex 09, France, is desirous of acquiring an interest in the same.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, **Michael R. Reese**, **Federico Bellin**, **Alfazazi Dourfaye**, and **Gary M. Thigpen**, by these presents do sell, assign, and transfer to **Varel Europe S.A.S.**, the full, exclusive, and entire right, title, and interest in and to said application, in and to any divisions, continuations, reexaminations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and we hereby request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, reexamination, or reissue thereof, to **Varel Europe S.A.S.** as the assignee, for its interest and for the sole use and benefit of **Varel Europe S.A.S.** and its assigns and legal representatives;

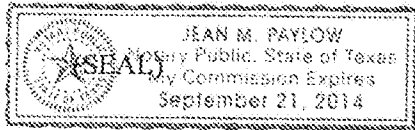
For the same consideration, we by these presents, do sell, assign, and transfer to **Varel Europe S.A.S.** the full, exclusive, and entire right, title, and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **Varel Europe S.A.S.** or its designee insofar as permitted by applicable law;

AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, reexamination, reissue, and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Varel Europe S.A.S.**, its successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Michael R. Reese
Michael R. Reese

STATE OF Texas

Before me, a Notary Public in and for the State of Texas, on this 3rd day of November, 2010, personally appeared **Michael R. Reese**, who, being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.



J. M. Paylow
NOTARY PUBLIC
My Commission Expires: September 21, 2010

Federico Bellin

Witness Statement:

On this _____ day of _____, 2010, in the city of _____, in the country of _____, personally appeared **Federico Bellin**, who, before me, signed and acknowledged the foregoing Assignment as his free act and deed.

WITNESS SIGNATURE

Printed name: _____

AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, reexamination, reissue, and other applications, make all assignments and rightful oaths, and generally do everything possible to aid Varel Europe S.A.S., its successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Michael R. Reese

STATE OF _____

Before me, a Notary Public in and for the State of _____, on this _____ day of _____, 2010, personally appeared Michael R. Reese, who, being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

NOTARY PUBLIC

My Commission Expires: _____

(SEAL)

Federico Bellin

Federico Bellin

Witness Statement:

On this 3rd day of November, 2010, in the city of _____, in the country of France, personally appeared Federico Bellin, who, before me, signed and acknowledged the foregoing Assignment as his free act and deed.

[Signature]

WITNESS SIGNATURE

Printed name: WERY Soudaine

Alfazazi Dourfaye

Witness Statement:

On this 8 day of November, 2010, in the city of Paris, in the country of France, personally appeared Alfazazi Dourfaye, who, before me, signed and acknowledged the foregoing Assignment as his free act and deed.

WITNESS SIGNATURE

Printed name: Xavier GABAS

Gary M. Thigpen

STATE OF _____

Before me, a Notary Public in and for the State of _____, on this _____ day of _____, 2010, personally appeared Gary M. Thigpen, who, being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

NOTARY PUBLIC

(SEAL)

My Commission Expires: _____

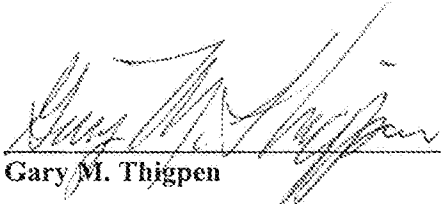
Alfazazi Dourfaye

Witness Statement:

On this _____ day of _____, 2010, in the city of _____, in the country of _____, personally appeared **Alfazazi Dourfaye**, who, before me, signed and acknowledged the foregoing Assignment as his free act and deed.

WITNESS SIGNATURE

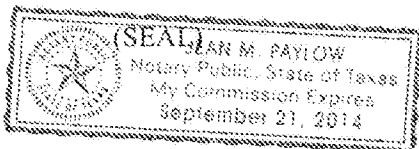
Printed name: _____




Gary M. Thigpen

STATE OF Texas

Before me, a Notary Public in and for the State of Texas, on this 3rd day of November, 2010, personally appeared **Gary M. Thigpen**, who, being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.



NOTARY PUBLIC 

My Commission Expires: Sept 21, 2014