

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2720923

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>WILLIAM W. KING</td> <td>06/20/2013</td> </tr> <tr> <td>GARY M. THIGPEN</td> <td>06/20/2013</td> </tr> <tr> <td>FEDERICO BELLIN</td> <td>06/20/2013</td> </tr> <tr> <td>MARVIN WINDSOR AMUNDSEN</td> <td>06/20/2013</td> </tr> <tr> <td>CHARLES DANIEL JOHNSON</td> <td>06/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	WILLIAM W. KING	06/20/2013	GARY M. THIGPEN	06/20/2013	FEDERICO BELLIN	06/20/2013	MARVIN WINDSOR AMUNDSEN	06/20/2013	CHARLES DANIEL JOHNSON	06/21/2013
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CHARLES DANIEL JOHNSON	06/21/2013												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>VAREL INTERNATIONAL IND., L.P.</td> </tr> <tr> <td>Street Address:</td> <td>1625 W. CROSBY</td> </tr> <tr> <td>Internal Address:</td> <td>SUITE 124</td> </tr> <tr> <td>City:</td> <td>CARROLLTON</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>75006</td> </tr> </table>		Name:	VAREL INTERNATIONAL IND., L.P.	Street Address:	1625 W. CROSBY	Internal Address:	SUITE 124	City:	CARROLLTON	State/Country:	TEXAS	Postal Code:	75006
Name:	VAREL INTERNATIONAL IND., L.P.												
Street Address:	1625 W. CROSBY												
Internal Address:	SUITE 124												
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State/Country:	TEXAS												
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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>13924418</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13924418								
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CORRESPONDENCE DATA													
Fax Number:	(713)751-3290												
Phone:	713-751-3200												
Email:	jvillegas@kslaw.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
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:	15268.105234												

NAME OF SUBMITTER:	RAJESH D. PATEL
Signature:	/Rajesh D. Patel/
Date:	02/10/2014
<b>Total Attachments: 5</b> source=FILEASSIGNMENT#page1.tif source=FILEASSIGNMENT#page2.tif source=FILEASSIGNMENT#page3.tif source=FILEASSIGNMENT#page4.tif source=FILEASSIGNMENT#page5.tif	

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)

William W. King; Gary M. Thigpen; Federico Bellin;  
Marvin Windsor Amundsen; Charles Daniel Johnson

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

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

Execution Date(s) June 20, 2013; June 21, 2013

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: Varel International Ind., L.P.

Internal Address: Suite 124

Street Address: 1625 W. Crosby

City: Carrollton

State: Texas

Country: US Zip: 75006

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

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

13/924,418

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 Department

Street Address: 1100 Louisiana Street

City: Houston

State: Texas Zip: 77002

Phone Number: 713-751-3200

Docket Number: 15268.105234

Email Address: jvillegas@kslaw.com

6. Total number of applications and patents involved: 1

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

- ☐ 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: /Rajesh D. Patel/

February 10, 2014

Signature

Date

Rajesh D. Patel

Name of Person Signing

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

## ASSIGNMENT

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WHEREAS, we, **William W. King**, a citizen of the United States of America, residing at 13836 Paradise Valley Drive, Houston, Texas 77069, United States, **Gary M. Thigpen**, a citizen of the United States of America, residing at 1007 Rosemeadow Drive, Houston, Texas 77094, United States, **Federico Bellin**, a citizen of Italy, residing at 39 Butternut Grove Place, Tomball, Texas 77375, United States, **Marvin Windsor Amundsen**, a citizen of the United States of America, residing at 16646 Greenbriar Point Lane, Houston, Texas 77095, United States and **Charles Daniel Johnson**, a citizen of the United States of America, residing at 21301 Timber Bluff Court, Porter, Texas 77365, United States, have invented certain inventions and improvements disclosed in a non-provisional application for Letters Patent entitled, "**Methods to Repair Worn or Eroded PDC Cutters, Cutters So Repaired, and Use of Repaired PDC Cutters In Drill Bits or Other Tools**", filed with the U.S. Patent and Trademark Office on June 21, 2013 and assigned U.S. Patent Application No. 13/924,418; and

WHEREAS, **Varel International Ind., L.P.**, a limited partnership having a principal place of business at 1625 W. Crosby, Suite 124, Carrollton, Texas 75006, United States is desirous of acquiring an interest in the same.

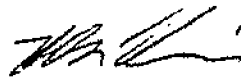
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, **William W. King**, **Gary M. Thigpen**, **Federico Bellin**, **Marvin Windsor Amundsen**, and **Charles Daniel Johnson**, by these presents do sell, assign, and transfer to **Varel International Ind., L.P.**, 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 therefore; 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 International Ind., L.P.** as the assignee, for its interest and for the sole use and benefit of **Varel International Ind., L.P.** and its assigns and legal representatives;

For the same consideration, we by these presents, do sell, assign, and transfer to **Varel International Ind., L.P.** 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 International Ind., L.P.** 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 International Ind., L.P.**, its successors, assigns, and nominees to

obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

We hereby authorize a representative of King & Spalding, 1100 Louisiana Street, Suite 4000, Houston, Texas 77002, USA, to insert in the blanks above the filing date and application number of said application when known.



William W. King

STATE OF Texas §  
COUNTY OF Harris §




Before me, a Notary Public in and for the State of Texas on this 20<sup>th</sup> day of June, 2013, personally appeared **William W. King**, who, being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.


(SEAL)



STATE OF \_\_\_\_\_ §  
COUNTY OF \_\_\_\_\_ §

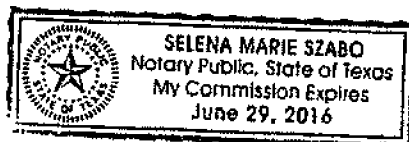
  
NOTARY PUBLIC

My Commission Expires: 6/29/16

  
Gary M. Thigpen

Before me, a Notary Public in and for the State of Texas on this 20<sup>th</sup> day of June, 2013, personally appeared **Gary M. Thigpen**, who, being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)



  
NOTARY PUBLIC

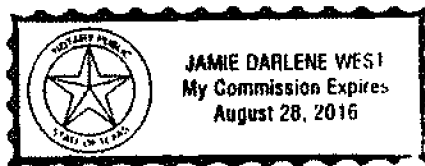
My Commission Expires: 6/29/16

Se Bell  
Federico Bellin

STATE OF Texas §  
COUNTY OF Harris §

Before me, a Notary Public in and for the State of Texas, on this 20 day of June, 2013, personally appeared **Federico Bellin**, who, being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)



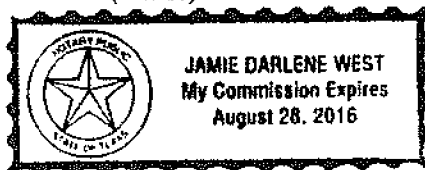
Jamie D West  
NOTARY PUBLIC  
My Commission Expires: Aug 28 2013

Marvin Windsor Amundsen  
Marvin Windsor Amundsen

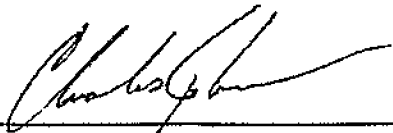
STATE OF Texas §  
COUNTY OF Harris §

Before me, a Notary Public in and for the State of Texas, on this 20 day of June, 2013, personally appeared **Marvin Windsor Amundsen**, who, being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)



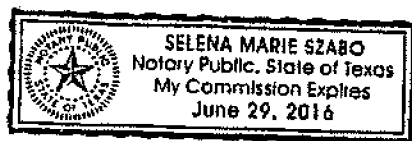
Jamie D West  
NOTARY PUBLIC  
My Commission Expires: Aug 28 2016


  
\_\_\_\_\_  
Charles Daniel Johnson

STATE OF TEXAS §  
COUNTY OF HARRIS §

Before me, a Notary Public in and for the State of TEXAS, on this 21<sup>st</sup> day of June, 2013, personally appeared **Charles Daniel Johnson**, who, being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)



  
\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: 6/29/16