

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM457508

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the Entity Type: from Corporation:(Blank)to Corporation: Delaware previously recorded on Reel 003483 Frame 0432. Assignor(s) hereby confirms the ASSIGNS THE ENTIRE INTEREST AND THE GOODWILL.

## CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Houston Engineers, Inc.		02/19/2007	Corporation:

## RECEIVING PARTY DATA

<b>Name:</b>	Smith International, Inc.
<b>Street Address:</b>	1310 Rankin Road
<b>City:</b>	Houston
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77073
<b>Entity Type:</b>	Corporation: DELAWARE

## PROPERTY NUMBERS Total: 10

Property Type	Number	Word Mark
Registration Number:	0825695	ACCELERATOR
Registration Number:	2077492	EFL
Registration Number:	1489031	HE
Registration Number:	1105483	HYDRA JAR
Registration Number:	1663184	HYDRA-JAR
Registration Number:	1937309	HYDRA-SHOCK
Registration Number:	2064106	HYDRA-STROKE
Registration Number:	2227708	HYDRA-THRUST
Registration Number:	2185428	MAGNUM
Registration Number:	2248616	TT

## CORRESPONDENCE DATA

Fax Number: 7136892219

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

Phone: 281-285-7498

Email: trademark@slb.com

Correspondent Name: Matthias Abrell

Address Line 1: 1310 Rankin Road

TRADEMARK

**Address Line 4:** Houston, TEXAS 77073

**NAME OF SUBMITTER:** Mary B. Hicks

**SIGNATURE:** /Mary B. Hicks/

**DATE SIGNED:** 01/10/2018

**Total Attachments: 5**

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**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
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NATURE OF CONVEYANCE:	ASSIGNS THE ENTIRE INTEREST AND THE GOODWILL
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CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Houston Engineers, Inc.		02/19/2007	CORPORATION:

RECEIVING PARTY DATA

Name:	Smith International, Inc.
Street Address:	16740 Hardy Street
City:	Houston
State/Country:	TEXAS
Postal Code:	77032
Entity Type:	CORPORATION:

PROPERTY NUMBERS Total: 10

Property Type	Number	Word Mark
Registration Number:	0825695	ACCELERATOR
Registration Number:	2077492	EFL
Registration Number:	1489031	HE
Registration Number:	1105483	HYDRA JAR
Registration Number:	1663184	HYDRA-JAR
Registration Number:	1937309	HYDRA-SHOCK
Registration Number:	2064106	HYDRA-STROKE
Registration Number:	2227708	HYDRA-THRUST
Registration Number:	2185428	MAGNUM
Registration Number:	2248616	TT

CORRESPONDENCE DATA

Fax Number: (281)233-5970  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 281-233-5945

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Email: patentservices@smith.com  
Correspondent Name: Sean C. Henkel  
Address Line 1: 16740 Hardy Street  
Address Line 4: Houston, TEXAS 77032

NAME OF SUBMITTER:	Sean C. Henkel
Signature:	/sean c. henkel/
Date:	02/19/2007

**Total Attachments: 3**

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## **TRADEMARK ASSIGNMENT**

This Assignment ("Assignment") is made effective as of October 1, 2004 from Houston Engineers, Inc., ("ASSIGNOR"), to Smith International, Inc., ("ASSIGNEE"):

WHEREAS, ASSIGNOR is the owner of the trademarks (the Marks") and other intellectual property ("the Property") as described in Exhibit A, attached hereto and incorporated by reference herein, together with the goodwill of the business symbolized thereby in connection with the goods on which the Marks are used ("the Products").

WHEREAS, ASSIGNOR desires to convey, transfer, assign, deliver, and contribute to ASSIGNEE all of its right, title, and interest in and to the Marks and the Property.

NOW, THEREFORE, in consideration of the payment of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby conveys, transfers, assigns, delivers, and contributes to ASSIGNEE all of ASSIGNOR'S right, title, and interest of whatever kind in and to the Marks and the Property, together with (1) the goodwill of the business relating to the Products in respect upon which the Marks are used and for which they are registered: (2) all income, royalties, and damages hereafter due or payable to ASSIGNOR with respect to the Marks, including without limitation, damages, and payments for past or future infringements and misappropriations of the Marks: and (3) all rights to sue for past, present and future infringements or misappropriations of the Marks.

ASSIGNOR further covenants that it will execute all documents, papers, forms and authorizations and take all other actions that may be necessary for securing, completing, or vesting in ASSIGNEE full right, title, and interest in the Marks and the Property.

IN WITNESS WHEREOF, ASSIGNOR has duly executed under seal and delivered this Assignment, as of the day and year first above written.

HOUSTON ENGINEERS, INC.

*Vivian Cline*  
Vivian Cline  
Assistant Secretary

SMITH INTERNATIONAL, INC.

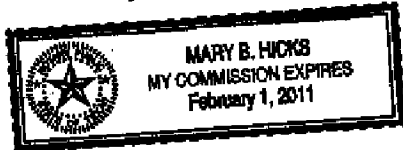
*Wesley T. Noah*  
Wesley T. Noah  
Assistant Secretary

NOTARY

State Of Texas  
County of Harris

On this 19th day of February, 2007, before me a Notary Public in and for the State of Texas, personally appeared Vivian Cline, personally known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

WITNESS my hand and official seal.

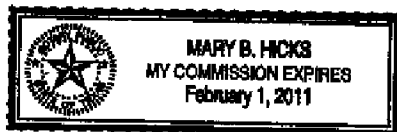


*Mary B. Hicks*  
Mary B. Hicks  
Notary Public

State Of Texas  
County of Harris

On this 19th day of February, 2007, before me a Notary Public in and for the State of Texas, personally appeared Wesley T. Noah, personally known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

WITNESS my hand and official seal.



*Mary B. Hicks*  
Mary B. Hicks  
Notary Public

**EXHIBIT A**  
**TRADEMARKS**

<b>Mark</b>	<b>Country</b>	<b>Registration No.</b>	<b>Filing Date</b>	<b>Registration Date</b>
Accelerator	USA	0825695	3-28-1966	3-14-1967
EFL	USA	2077492	7-25-1996	7-8-1997
HE	USA	1489031	3-20-1987	5-24-1988
Hydra-Jar	USA	1105483	9-6-1977	11-7-1978
Hydra-Jar	USA	1663184	11-28-1990	11-5-1991
Hydra-Shock	USA	1937309	12-29-1994	11-21-1995
Hydra-Stroke	USA	2064106	12-15-1995	5-20-1997
Hydra-Thrust	USA	2227708	10-14-1997	3-2-1999
Magnum	USA	2185428	1-17-1997	9-1-1998
TT	USA	2248616	4-30-1997	6-1-1999