

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Joshua Gatell	01/14/2008
Amardeep Singh	01/15/2008
Scott D McDonough	01/14/2008
Mohammed Boudrare	01/14/2008
Bryce A Baker	01/14/2008
Allen D White	01/14/2008
Brandon M Moss	01/14/2008
Parveen K Chandila	01/14/2008

RECEIVING PARTY DATA

Name:	Smith International, Inc.
Street Address:	16740 Hardy Street
Internal Address:	Patent Services
City:	Houston
State/Country:	TEXAS
Postal Code:	77032

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12009408

CORRESPONDENCE DATA

Fax Number: (281)233-5970
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 281-233-5877
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 Correspondent Name: SMITH INTERNATIONAL INC.
 Address Line 1: 16740 HARDY
 Address Line 4: HOUSTON, TEXAS 77032

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ATTORNEY DOCKET NUMBER:

06-ST25(1)

NAME OF SUBMITTER:

Y. Renee Alsandor

Total Attachments: 3

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ASSIGNMENT – WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

Smith International Inc

Having the following address:

**16740 Hardy Street
Houston, Texas 77032**

(Referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

DRILL BITS HAVING OPTIMIZED CUTTING ELEMENT COUNTS FOR REDUCED TRACKING AND/OR INCREASED DRILLING PERFORMANCE

for which the undersigned has/have executed an application for patent in the United States of America on or about this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, re-examinations, and extensions thereof, and all United States Letters Patent and any legal equivalent thereof in a foreign country, including the right to claim priority, which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States Patent and any legal equivalent thereof in a foreign country, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, reissue or re-examination thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of Smith International, Inc. 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 and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

1/14/08
Date
1-15-08
Date
1/14/08
Date
Date
1/14/08
Date
1-14-08
Date
1/14/08
Date
1/14/08
Date

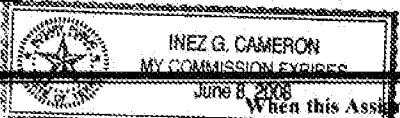
1st Inventor Signature: Joshua Gatell
Print or Type Name: Joshua Gatell
2nd Inventor Signature: Amardeep Singh
Print or Type Name: Amardeep Singh
3rd Inventor Signature: Scott D. McDonough
Print or Type Name: Scott D. McDonough
4th Inventor Signature: _____
Print or Type Name: Mohammed Boudrare
5th Inventor Signature: Bryce Baker
Print or Type Name: Bryce A. Baker
6th Inventor Signature: Allen D. White
Print or Type Name: Allen D. White
7th Inventor Signature: Brandon Moss
Print or Type Name: Brandon M. Moss
8th Inventor Signature: Parveen K. Chandila
Print or Type Name: Parveen K. Chandila

Notary Public

State of: Texas
County of: Harris
Before me personally appeared: Joshua Gatell Amardeep Singh Scott McDonough
1st Inventor 2nd Inventor 3rd Inventor
Bryce Baker Allen White Brandon Moss Parveen Chandila
4th Inventor 5th Inventor 6th Inventor 7th Inventor 8th Inventor

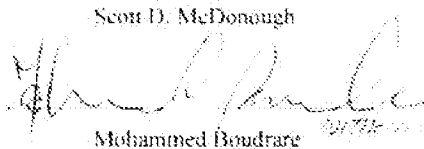
Each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.

Dated: 1/14+15/08
Inez G. Cameron
Notary Public My Commission expires: 6-8-08



When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:
U.S. Application Serial No.: 61/021,564 12/009,408
Filing Date: 1/16/08

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

..... Date	1 st Inventor Signature: _____ Print or Type Name: Joshua Gateil
..... Date	2 nd Inventor Signature: _____ Print or Type Name: Amardeep Singh
..... Date	3 rd Inventor Signature: _____ Print or Type Name: Scott D. McDonough
1-14-08 Date	4 th Inventor Signature:  Print or Type Name: Mohammed Boudrare
..... Date	5 th Inventor Signature: _____ Print or Type Name: Bryce A. Baker
..... Date	6 th Inventor Signature: _____ Print or Type Name: Allen D. White
..... Date	7 th Inventor Signature: _____ Print or Type Name: Brandon M. Moss
..... Date	8 th Inventor Signature: _____ Print or Type Name: Parveen K. Chandila

Notary Public

State of:

County of:

Before me personally appeared: _____
1st Inventor 2nd Inventor 3rd Inventor

4th Inventor 5th Inventor 6th Inventor 7th Inventor 8th Inventor

Each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.

Dated: _____

Notary Public My Commission expires: _____

When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

U.S. Application Serial No.: 611021564 12/09/08
Filing Date: 01/16/08