

08-31-2006

AUG 28 2006

Attorney Docket No. 1030-28300



103300261

U. S. DEPARTMENT OF COMMERCE

FORM PTO-1595
(Rev. 08/05) Patent and Trademark Office
OMB No. 0651-0027 (exp. 6/30/2008)

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 parties(ies)

Amardeep Singh

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

2. Name and address of receiving party(ies):

Smith International, Inc.
16740 Hardy Street
Houston
Texas
US 77032

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

3. Nature of conveyance:/Execution Date(s):
Execution Date(s): August 25, 2006

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

4. Application number(s) or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s).
11/203,863

Additional numbers attached? Yes No

B. Patent No.(s).

Additional numbers attached? Yes No

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

Gregory L. Maag
CONLEY ROSE, P.C.
P. O. Box 3267
Houston, Texas 77253-3267
Phone No. (713) 238-8000
Fax Number: (713) 238-8008
Email Address: gmaag@conleyrose.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 by credit card
 Authorized to be charged to deposit account
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 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers _____
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9. Signature:

GREGORY L. MAAG
Name of Person Signing

August 25, 2006
Date
Total number of pages including cover sheet, attachments, and documents 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P. O. Box 1450, Alexandria, VA, 22304-1450

10.28.06

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AUG 28 2006

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by SMITH INTERNATIONAL, INC., the receipt and sufficiency of which are hereby acknowledged, I, AMARDEEP SINGH ("ASSIGNOR"), having made an invention in **ROLLING CONE DRILL BIT HAVING NON-CIRCUMFERENTIALLY ARRANGED CUTTER ELEMENTS**, while in the employ either as an employee or consultant of SMITH INTERNATIONAL, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at 16740 Hardy Street, Houston, Texas 77032 (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **ROLLING CONE DRILL BIT HAVING NON-CIRCUMFERENTIALLY ARRANGED CUTTER ELEMENTS**;
2. United States of America patent application on said invention which has been assigned Serial No. 11/203,863, and filing date August 15, 2005, entitled **ROLLING CONE DRILL BIT HAVING NON-CIRCUMFERENTIALLY ARRANGED CUTTER ELEMENTS**;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;

6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention, applications, patents and like protection;

and I covenant that I, and my heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at the place and on the date indicated below, opposite my signature.

ASSIGNOR

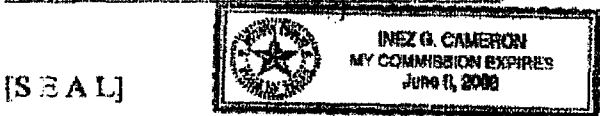
Date: 8-25-06



Name: Amardeep Singh

THE STATE OF Texas §
 §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared Amardeep Singh, 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 purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 25th day of August, 2006.




Notary Public in and for
the State of Texas

My Commission Expires:
6-11-06

Day : Monday
Date: 8/28/2006

25

PALM INTRANET

Time: 15:22:54

Application Number Information

Application Number: **11/203863**

Examiner Number: **77846 / GAY, JENNIFER**

Assignments

Filing or 371(c) Date: **08/15/2005**

Group Art Unit: **3672** **IFW IMAGE**

Effective Date: **08/15/2005**

Class/Subclass:
175/374.000

Application Received: **08/16/2005**

Lost Case: **NO** **Waiting for Response**

Patent Number:

Interference Number: **Desc.**
Prior Art Filed

Issue Date: **00/00/0000**

Unmatched Petition: **NO**

Date of Abandonment: **00/00/0000**

L&R Code: Secrecy Code:1

Attorney Docket Number: **1030-28300**

Third Level Review: **NO** Secrecy Order: **NO**

Status: **30 /DOCKETED NEW CASE - READY FOR EXAMINATION** Status Date: **11/22/2005**

Confirmation Number: **2546**

Oral Hearing: **NO**

Title of Invention: **ROLLING CONE DRILL BIT HAVING NON-CIRCUMFERENTIALLY ARRANGED CUTTER ELEMENTS**

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
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US Patent & Trademark Office
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Alexandria, VA 22313-1450

FAX NO.: (571) 273-8300

DATE: August 28, 2006

FROM: GREGORY L. MAAG

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CLIENT NO.: 1030-28300

TOTAL NUMBER OF PAGES (INCLUDING THIS ONE) 5

COMMENTS: Re: U.S. Patent Application No. 11/203,863
Filing Date: August 15, 2005
Applicant: Amardeep Singh

The following documents are attached for filing:

- Recordation Form Cover Sheet (Form PTO-1595)
(1 p - in duplicate PTO Account Charged \$40.00)
- Assignment (2 p.)

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being sent by facsimile transmission on the date shown below to the fax number above, to the U.S. Patent and Trademark Office, in accordance with 37 CFR § 1.6(d).

Nanci D. Mohr
(Type or print name of person mailing paper)

Date: August 28, 2006


(Signature of person faxing paper)

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