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Attorney Docket No. 1030-21200

FORM PTO-1595

(Rev. 3/01) Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

102362723

U. S. DEPARTMENT OF COMMERCE

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying parties(ies):

Scott McDonough

01.31.03

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 77032Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: January 29, 2003

4. Application number(s) or patent number(s):

10355493

If this document is being filed together with a new application, the execution date of the application is : January 29, 2003

Filing Date: January 31, 2003

Express Mail Label No.: EV 169612212

Attorney File No.: 1030-21200

A. Patent Application No.(s).

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 77253-32676. Total number of application and patents involved: 17. Total fee (37 CFR 3.41) .....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number: 03-2769

(Attach duplicate copy of this page if paying by deposit account)

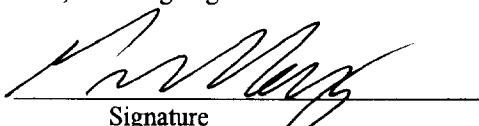
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document

Gregory L. Maag

Name of Person Signing


  
Signature

January 31, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:

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Washington, D. C. 20231

02/10/2003 6TON11 00000060 032769 10355493

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PATENT  
REEL: 013732 FRAME: 0133

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, **SCOTT McDONOUGH**, ("ASSIGNOR"), having made an invention in **MULTI-LOBED CUTTER ELEMENT FOR DRILL BIT**, 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"), 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 **MULTI-LOBED CUTTER ELEMENT FOR DRILL BIT**;
2. United States of America patent application on said invention, filed concurrently herewith (Attorney's File No. 1030-21200; Express Mail No. EV 169612212 US, entitled **MULTI-LOBED CUTTER ELEMENT FOR DRILL BIT**;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my 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 me or my 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 divisionals, 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;

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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 of 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: 1-29-03

*Scott McDonough*  
**SCOTT McDONOUGH**

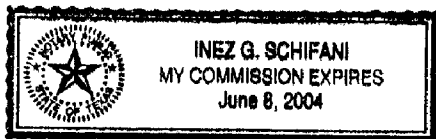
Executed at: \_\_\_\_\_

THE STATE OF TEXAS           §  
  §  
COUNTY OF HARRIS         §

BEFORE ME, the undersigned authority, on this day personally appeared **SCOTT McDONOUGH**, 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 29<sup>th</sup> day of January, 2003.

[S E A L]



*Inez G. Schifani*  
Notary Public in and for  
the State of Texas

My Commission Expires:

6-8-04

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RECORDED: 01/31/2003

PATENT  
REEL: 013732 FRAME: 0136