

MRD 3.27.00

04-24-2000

Attorney Docket No. 1030-15300

FORM PTO-1595  
(Rev. 6-93) Patent and Trademark Office  
OMB No. 0651-0011 (exp. 4/94)

RE



U. S. DEPARTMENT OF COMMERCE

101330867

To the Honorable Commissioner of Patents and Trademarks

its or copy thereof.

1. Name of conveying parties(ies):

Zhou Yong, S. J. Huang, Nathan R. Anderson,  
J. Daniel Belnap, Chris E. Cawthorne, Ronald K. Eyre,  
Madapusi K. Keshavan, Per I. Nese,  
Michael A. Siracki, Gary R. Portwood

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 77032

Additional name(s) & address(es)

Attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: February 18, February 28, March 3,  
March 6, 2000

4. Application number(s) or patent number(s): 09/465,631

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

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:

MARCELLA D. WATKINS  
Conley, Rose & Tayon, P.C.  
P. O. Box 3267  
Houston, Texas 77253-3267

6. Total number of application and patents involved: 1

7. 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)

DO NOT USE THIS SPACE

9. Statement and signature.

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

Marcella D. Watkins  
Name of Person Signing

Marcella D. Watkins  
Signature

March 23, 2000  
Date

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D. C. 20231

PATENT  
REEL: 010712 FRAME: 0935

## ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by SMITH INTERNATIONAL, INC., and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, ZHOU YONG, S. J. HUANG, NATHAN R. ANDERSON, J. DANIEL BELNAP, CHRIS E. CAWTHORNE, RONALD K. EYRE, MADAPUSI K. KESHAVAN, PER I. NESE, MICHAEL A. SIRACKI and GARY R. PORTWOOD ("ASSIGNORS"), having made an invention in **DRILL BIT INSERTS WITH VARIATIONS IN THICKNESS OF DIAMOND COATING**, while in the employ either as an employee or consultant of SMITH INTERNATIONAL, INC. a corporation organized 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 SMITH INTERNATIONAL, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **DRILL BIT INSERTS WITH VARIATIONS IN THICKNESS OF DIAMOND COATING**;
2. United States of America patent application on said invention, Serial No. 09/465,631, filed December 17, 1999 Attorney's File No. 1030-15300, entitled **DRILL BIT INSERTS WITH VARIATIONS IN THICKNESS OF DIAMOND COATING**;
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 we covenant that we, and our 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 our signatures.

ASSIGNORS

Date: 02/18/2000

Zhou Yong  
ZHOU YONG

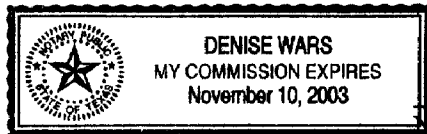
Place: Houston, Texas

THE STATE OF TEXAS §

COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared ZHOU YONG, 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 18<sup>th</sup> day of February, 2000.



[S E A L]

Denise Wars  
Notary Public in and for  
the State of T E X A S

My Commission Expires:

11-10-03

\*\*\*\*\*

Date: 2/28/00 Ronald K. Eyre  
Place: Provo, UT  
RONALD K. EYRE

THE STATE OF ~~TEXAS~~ Utah  
COUNTY OF ~~HARRIS~~ Utah

BEFORE ME, the undersigned authority, on this day personally appeared RONALD K. EYRE, 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 28<sup>th</sup> day of Feb., 2000.

[SEAL]



My Commission Expires:

2-20-2001

Cynthia E. Hyde  
Notary Public in and for  
the State of ~~TEXAS~~  
UTAH

\*\*\*\*\*

Date: 2/28/200 Madapusi K. Keshavan  
Place: Provo, UT  
MADAPUSI K. KESHAVAN

THE STATE OF Utah §  
COUNTY OF Utah §

BEFORE ME, the undersigned authority, on this day personally appeared MADAPUSI K. KESHAVAN, 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 28<sup>th</sup> day of February, 2000.

[SEAL]



My Commission Expires:

2-20-2001

Cynthia E. Hyde  
Notary Public in and for  
the State of Utah

\*\*\*\*\*

Date: 2/28/00  
Place: Provo, UT

J. Daniel Belnap  
J. DANIEL BELNAP

THE STATE OF TEXAS ~~Utah~~ §  
COUNTY OF HARRIS ~~Utah~~ § OK

BEFORE ME, the undersigned authority, on this day personally appeared J. DANIEL BELNAP, 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 28<sup>th</sup> day of Feb., 2000.

[S E A L]



My Commission Expires:

2-20-2001

Cynthia E. Hyde  
Notary Public in and for  
the State of TEXAS  
UTAH OK

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Date: 3/3/00

Place: Houston, TX

Chris E. Cawthorne

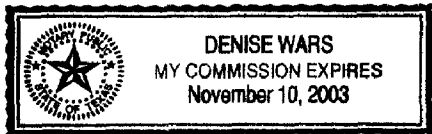
CHRIS E. CAWTHORNE

THE STATE OF TEXAS §  
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared CHRIS E. CAWTHORNE, 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 3<sup>rd</sup> day of March, 2000.

[S E A L]



My Commission Expires:

11-10-03

Denise Wars  
Notary Public in and for  
the State of TEXAS

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Date: 2/18/2000

S. J. HUANG  
S. J. HUANG

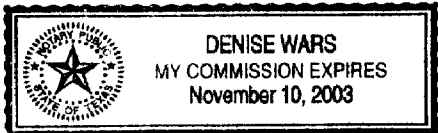
Place: Houston, TX

THE STATE OF TEXAS §

COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared S. J. HUANG, 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 18<sup>th</sup> day of February, 2000.



[S E A L]

Denise Wars  
Notary Public in and for  
the State of T E X A S

My Commission Expires:

11-10-03

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Date: FEB. 28, 00

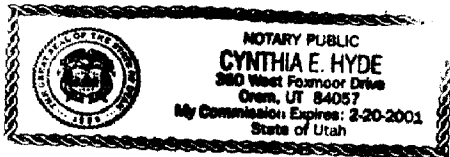
Nathan R. Anderson  
NATHAN R. ANDERSON

Place: Provo, UT

THE STATE OF ~~TEXAS~~ Utahs  
COUNTY OF ~~HARRIS~~ Utahs

BEFORE ME, the undersigned authority, on this day personally appeared NATHAN R. ANDERSON, 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 28<sup>th</sup> day of Feb., 2000.



[S E A L]

Cynthia E. Hyde  
Notary Public in and for  
the State of ~~T E X A S~~

My Commission Expires:

2-20-2001

UTAH

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Date: 3/6/2000

PER I. NESE

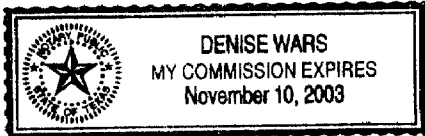
PER I. NESE

Place: ABERDEEN, UK

THE STATE OF TEXAS §  
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared PER I. NESE, 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 18<sup>th</sup> day of February, 2000.



[SEAL]

Denise Wars  
Notary Public in and for  
the State of TEXAS

My Commission Expires:

11-10-03

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Date: 2/18/2000

Michael A. Siracki

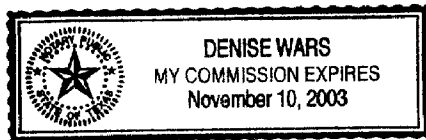
MICHAEL A. SIRACKI

Place: HOUSTON, TEXAS

THE STATE OF TEXAS §  
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared MICHAEL A. SIRACKI, 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 18<sup>th</sup> day of February, 2000.



[SEAL]

Denise Wars  
Notary Public in and for  
the State of TEXAS

My Commission Expires:

11-10-03

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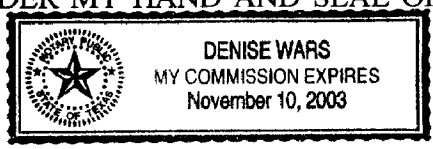
Date: 2/18/00 GARY R. PORTWOOD  
GARY R. PORTWOOD

Place: Houston, TX

THE STATE OF TEXAS §  
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared GARY R. PORTWOOD, 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 18 day of February, 2000.



[SEAL]

[Signature]  
Notary Public in and for  
the State of TEXAS

My Commission Expires:  
11.10.03

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