

FORM PTO-1595

RECORDATION FORM COVER SHEET

U. S. DEPARTMENT OF COMMERCE

(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): Execution Date(s):

Lance D. Underwood June 8, 2006
Shantanu N. Swadi June 8, 2006

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
U.S.A.

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

3. Nature of conveyance/Execution Date(s):
Execution Date(s): JUNE 8, 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). 11/449,046

Additional numbers attached? Yes No

B. Patent No.(s).

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
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number: 50-1515
Authorized User Name Conley Rose, P.C.

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

9. Shannon W. Bates
Name of Person Signing

Shannon W. Bates
Signature

July 25, 2006
Date

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

CH \$40.00 501515 11449046

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, 22313-1450

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, LANCE D. UNDERWOOD and SHANTANU N. SWADI ("ASSIGNORS"), having made an invention in INLINE BLADDER-TYPE ACCUMULATOR FOR DOWNHOLE APPLICATIONS while in the employ 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 INLINE BLADDER-TYPE ACCUMULATOR FOR DOWNHOLE APPLICATIONS;
2. United States of America utility patent application on said invention, filed as U.S. Utility Patent Application Serial No. 11/449,046 on June 8, 2006 (Attorney's File No. 04-PD58 (1030-28600) – attorneys are authorized to fill in the Serial No. and filing date once assigned by the U.S. Patent Office) entitled INLINE BLADDER-TYPE ACCUMULATOR FOR DOWNHOLE APPLICATIONS;
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 limitations, those

- 6. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;
- 7. The right to 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, 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 Houston, Texas on the dates indicated below, opposite our signature.

6/8/06
Date

Lance D. Underwood
LANCE D. UNDERWOOD

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared LANCE D. UNDERWOOD, 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 8 day of June, 2006.

Brandy Lee Hoffmaster
Notary Public in and for
the State of TEXAS

My commission expires:
October 30, 2007



6/8/06
Date

Shantanu Swadi
SHANTANU N. SWADI

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared SHANTANU N. SWADI, 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 8 day of June, 2006.

Brandy Lee Hoffmaster
Notary Public in and for
the State of TEXAS

My commission expires:
October 30, 2007

