Attorney Docket No. 1030-28600

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FORM PTO-1595 RECORDATION (Rev. 08/05) Patent and Trademark Office	FORM COVER SHEET U. S. DEPARTMENT OF COMMERCE
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):	2. Name and address of receiving party(ies):
Lance D. Underwood June 8, 2006 Shantanu N. Swadi June 8, 2006	SMITH INTERNATIONAL, INC. 16740 Hardy Street Houston, Texas 77032
Additional name(s) of conveying party(ies) attached?   Yes   No	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	
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	B. Patent No.(s).
Additional numbers a	ttached? 🔲 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	
	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 Total number of pages including	N. Botta Jul 25, 2006  Date  sheet, attachments, and documents 4

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

> PATENT REEL: 018008 FRAME: 0550

P.03

## 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, wc, 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:

- Said invention in INLINE BLADDER-TYPE ACCUMULATOR 1. FOR DOWNHOLE APPLICATIONS;
- United States of America utility patent application on said 2. 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 DOWNHOLE BLADDER-TYPE ACCUMULATOR FOR APPLICATIONS;
- All applications for patent or like protection on said invention that 3. 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;
- All patents and like protection that have now been or may in the 4. 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;
- All substitutions for and divisions, continuations, continuations-in-5. part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those

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PATENT REEL: 018008 FRAME: 0551

- 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.

THE STATE OF TEXAS §

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COUNTY OF HARRIS 8

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 B day of

<u>1 une</u> 2006.

Ay commission expires: OHOOOK 30 the State of TEXAS

LANCE D. UNDERWOOD



6/8/06	Khantaun funds
Date	SHANTANU N SWADI

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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.

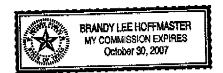
JUNE, 2006.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the B day of

Notary Public in and for the State of TEXAS

My commission expires:

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**RECORDED: 07/25/2006**