FORM PTO-1595			OVER SHEET	U. S. DEPARTMENT OF COMMERCE
(Rev. 6-93) Patent and Trademark Of 101166675			JLV5085 -1 20	0.55
OMB No. 0651-0011 (exp. 4/5) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
1. Name of conveying parties(ies): 2. Name and address of receiving party(ies):				
1.	Name of conveying parties(ies).	2.	Name and address of rec	cerving party(les).
	Graham Mensa-Wilmot		Smith International, Inc	
	Peter K. Chan		16740 Hardy Street	
			Houston, TX 77032	
Additional name(s) of conveying party(ies):				
Attache	ed?			
Attach		Additi	onal name(s) & address(es)
3.	Nature of conveyance:			²
	·	Attach	ied? Yes	⊠ No
	signment			
	curity Agreement			
∐ Ot	her			
Evenue	ion Detai, August 18, 1000			
Execution Date: August 18, 1999 4. Application number(s) or patent number(s): Serial No. 09/368,833				
7. Application number(s) of patent number(s). Serial No. 07/300,033				
If this document is being filed together with a new application, the execution date of the application is:				
Α.	Patent Application No.(s).	B.	Patent No.(s).	
' ' '	Tatom ripphoanon rio (o).		1 atom 1 (0)(0).	
Additional numbers attached? Yes No				
5.	Name and address of party to whom correspondence	e 6.	Total number of applic	ation and patents involved: 1
	concerning document should be mailed:			
1	D 1 4 C			
	Robert Gray Conley, Rose & Tayon, P.C.			
	P. O. Box 3267			
	Houston, Texas 77253-3267			
		7.	Total fee (37 CFR 3.41)\$40.00
			⊠ Enclosed	
				charged to deposit account
		8.	Deposit account number	er: 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				
Parkers Comment of the State of				
1	Robert Gray Name of Person Signing Signature	~~v	v eg	Septembe 27, 1999
L	Name of Person Signing Signature			Date

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

Washington, D. C. 20231

10/08/1999 DHIGUYEN 00000350 09368833

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PATENT REEL: 010289 FRAME: 0600

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. GRAHAM MENSA-WILMOT and PETER K. CHAN ("ASSIGNORS"), having made an invention in SIDE CUTTING GAGE PAD IMPROVING STABILIZATION AND BOREHOLE INTEGRITY 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 SIDE CUTTING GAGE PAD IMPROVING STABILIZATION AND BOREHOLE INTEGRITY;
- 2. United States of America patent application on said invention, filed August 5, 1999, assigned Application Serial No. 09/368,833, entitled SIDE CUTTING GAGE PAD IMPROVING STABILIZATION AND BOREHOLE INTEGRITY:
- 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, 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-inpart, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes:

Page 1 of 3

5187.01/1030.16800

- All rights of action on account of past, present and future 6. 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.

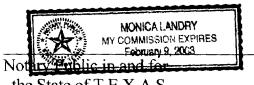
EXECUTED at Houston, Texas on the date indicated below, opposite our signatures.

THE STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME, the undersigned authority, on this day personally appeared GRAHAM MENSA-WILMOT, 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 13



the State of T E X A S

8/1**8**/99

PETER K. CHAN

THE STATE OF TEXAS §

§ §

COUNTY OF HARRIS

BEFORE ME, the undersigned authority, on this day personally appeared PETER K. CHAN, 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 1999.

MONICA LANDRY
MY COMMISSION EXPIRES
February 9, 2003
Notary
Public in and for

the State of TEXAS

RECORDED: 10/01/1999

PATENT REEL: 010289 FRAME: 0603