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To the Director of the United States Patent and Trademark O			
1. Name of conveying party(ies): Bruce McGARIAN	2. Name and address of		
Gary PAPE	Name: Smith Internat	ional, Inc.	
	Internal Address:		
dditional names(s) of conveying party(ies) attached?	o	на учили на	
. Nature of conveyance/Execution Date(s):	Street Address: 16740	Hardy Street	
Execution Date(s): 2 November 2005; 17 October 2005		<u>IIIII (y Stitet</u>	
🖄 Assignment 🗆 Merger			
Security Agreement Change of Name	City: Houston		
Joint Research Agreement	State: TX		
Government Interest Assignment	**************************************		
Executive Order 9424, Confirmatory License	Country: USA	ZIP: 77205-006	
Other	statute st	is(es) attached? 🗋 Yes 🗵 No	
Application or patent numbers(s):	This document is being	filed together with a new application	
A. Patent Application No.(s)	B. Patent No.(s)		
11/200244			
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Additional numbers a	attached? 🗋 Yes 🖾 No		
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lame: Richard H Tushin	7. Total fee (37 CFR 1.21(h	n) & 3.41): \$ <u>40.0</u> 0	
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ax Number: 202-906-8996	Deposit Account Number	04-2223	
mail Address: rtushin@dykema.com	 Authorized User Name 	Richard H. Tushin	
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Richard H. Tushin, Reg. No. 27,297		number of pages including cover	
Name of Person Signing	sheet.	attechneric attechneric document:	

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS we, (1) Bruce McGARIAN of 23 East Glebe, Stonehaven, Aberdeen AB3 2HW, Scotland and (2) Gary PAPE of 2306 8th Street, Nisku, Alberta K9E 7Z2, Canada respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent for an invention entitled; WELL CASING STRADDLE ASSEMBLY filed, serial number 11/200244

AND WHEREAS SMITH INTERNATIONAL. INC of 16740 Hardy Street, Houston, Texas 77205-0068, United States of America is desirous of acquiring the entire right, title and interest in and to said invention and in any and to any and all Letters Patent of the United States which may be obtained therefor;

NOW, THEREFORE, for \$1.00 and other good and valuable consideration in hand, receipt of which is hereby acknowledge, we do hereby sell, assign, transfer and set over unto SMITH INTERNATIONAL. INC., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, and in and to any and all patents of the United States which may be issued for said invention;

We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said SMITH INTERNATIONAL, INC, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby;

We hereby covenant that we have full right to convey the entire interest herein assigned and have not executed, and will not execute, any agreement in conflict herewith, and we also agree to execute all papers in connection with the application and any continuing or divisional applications thereof and in connection with any interference which may be declared involving this application or any continuing or divisional application thereof;

PATENT REEL: 024764 FRAME: 0104

AND we hereby grant the firm of Dykema Gossett PLLC the power to insert on this Assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

2nd November 2005

Date:

(1) Bruce McGARIÁN

(2) Gar

Date:

WITNE

October 17 2005

Date:

(2) Kenneth Jeffrey

Date: 2 cd November 2005

PATENT REEL: 024764 FRAME-9495