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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Thomas M. Ashy	07/18/2007
Gregory L. Hern	06/26/2007

RECEIVING PARTY DATA

Name:	Baker Hughes Incorporated	
Street Address:	3900 Essex Lane	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77027	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	60809378
Application Number:	11751960

CORRESPONDENCE DATA

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Address Line 4: Houston, TEXAS 77027

ATTORNEY DOCKET NUMBER: D5407-00314

NAME OF SUBMITTER: Gary R. Maze

Total Attachments: 3

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PATENT REEL: 019743 FRAME: 0243

Docket No: D5407-314 284-43791-US

ASSIGNMENT FOR UNITED STATES PATENT APPLICATION

WHEREAS:

Thomas M. Ashy 620 St. Thomas Lafayette, LA 70506 **United States**

Gregory L. Hern

24222 Silver Maple Drive Huffman, TX 77336

United States

(hereinafter referred to as ASSIGNORS), have invented and own a certain invention entitled Shear Type Circulation Valve and Swivel with Open Port Reciprocating Feature, found U.S. provisional patent application number 60/809,378, filed on May 30, 2006, and U.S. patent application number 11/751,960, filed on May 22, 2007.

WHEREAS:

Baker Hughes Incorporated 3900 Essex Lane Houston, Texas 77027 United States of America (a Delaware corporation)

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained

therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention, in the United States and its territorial possessions and in all foreign countries, and to all Letters Patent or similar legal protection, in the United States and its territorial possessions and in any and all foreign countries, to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

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PATENT REEL: 019743 FRAME: 0244

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHER 3,2007.	EOF, I have hereunto set hand and seal this	s $\frac{18}{}$ day of
personally appeared Thomas M to the foregoing ASSIGNMEN	Thomas M. Ashy dersigned authority, on this day of M. Ashy known to me to be the person whose na IT and acknowledged to me that he executed the consideration therein expressed.	me is subscribed
JAMIE PEREZ Notary Public, State o My Commission E March 04, 200	of Texas Notary Public In And For The State	- : Of 10xa5
	EOF, I have hereunto set hand and seal this	
	Gregory L. Hern	
personally appeared Gregory L the foregoing ASSIGNMENT	dersigned authority, on thisday of Hern known to me to be the person whose name and acknowledged to me that he executed the consideration therein expressed.	e is subscribed to
[SEAL]	Notary Public In And For The State	e Of
DM2\1153726.1	2	

PATENT REEL: 019743 FRAME: 0245 ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have, 2007.	e hereunto set hand and seal this day of
	Thomas M. Ashy
personally appeared Thomas M. Ashy know	thority, on thisday of, 2007, where to be the person whose name is subscribed wledged to me that he executed the same of his own therein expressed.
[SEAL]	Notary Public In And For The State Of
**********	*************
IN WITNESS WHEREOF, I have	e hereunto set hand and seal this 26+4 day of Gregory L. Hern
personally appeared Gregory L. Hern known the foregoing ASSIGNMENT and acknowl free will for the purposes and consideration t	thority, on this 2/ day of Julie, 2007, a to me to be the person whose name is subscribed to dedged to me that he executed the same of his own therein expressed. Notary Public In And For The State Of 7274

PATENT
RECORDED: 08/24/2007 REEL: 019743 FRAME: 0246