٢	L
4	2
ſ	ý
r	3
ſ	+

Concerning document should be mailed:  Name: James E. Bradley (9010RF.045474)  Internal Address:  Street Address: Bracewell & Giuliani LLP, P.O. Box 6138  City: Houston  State: Texas Zip:77208-1389  Phone Number: 713-221-3301  Fax Number: 713-222-3287  Email Address: james.bradley@bgllp.com  9. Signature:  Signature  Jade O. Laye, Reg. No. 54,255  Name of Person Signing	involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting)  8. Payment Information  a. Credit Card Last 4 Numbers  Expiration Date  b. Deposit Account Number 02-0429(104-36408)  Authorized User Name Baker Hughes Incorposite  July 19, 2007  Date	
Internal Address:	involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting)  8. Payment Information  a. Credit Card Last 4 Numbers  Expiration Date  b. Deposit Account Number 02-0429(104-36408)  Authorized User Name Baker Hughes Incorposite  July 19, 2007  Date	( 44.00 <sup>©</sup> 00   <i>j</i>
Concerning document should be mailed:  Name: James E. Bradley (9010RF.045474)  Internal Address:  Street Address: Bracewell & Giuliani LLP, P.O. Box 6138  City: Houston  State: Texas Zip:77208-1389  Phone Number: 713-221-3301  Fax Number: 713-222-3287  Email Address: james.bradley@bgllp.com  9. Signature:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40  Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting  8. Payment Information a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number 02-0429(104-36408)  Authorized User Name Baker Hughes Incorposite	
City: Houston  State: Texas  Phone Number: 713-221-3301  Fax Number: 713-222-3287  Email Address: james.bradley@bgllp.com	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed None required (government interest not affecting  8. Payment Information a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number 02-0429(104-36408)	
Concerning document should be mailed:  Name: James E. Bradley (9010RF.045474)  Internal Address:  Street Address: Bracewell & Giuliani LLP, P.O. Box 6138  City: Houston  State: Texas Zip:77208-1389  Phone Number: 713-221-3301  Fax Number: 713-222-3287	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed None required (government interest not affecting  8. Payment Information a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number 02-0429(104-36408)	
Concerning document should be mailed:  Name: James E. Bradley (9010RF.045474)  Internal Address:  Street Address: Bracewell & Giuliani LLP, P.O. Box 6138  City: Houston  State: Texas  Zip:77208-1389  Phone Number:713-221-3301	involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting  8. Payment Information  a. Credit Card Last 4 Numbers  Expiration Date	title)
Concerning document should be mailed:  Name: James E. Bradley (9010RF.045474)  Internal Address:  Street Address: Bracewell & Giuliani LLP, P.O. Box 6138  City: Houston  State: Texas  Zip:77208-1389	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting  8. Payment Information  a. Credit Card Last 4 Numbers	title)
Concerning document should be mailed:  Name: James E. Bradley (9010RF.045474)  Internal Address:  Street Address: Bracewell & Giuliani LLP, P.O. Box 6138  City: Houston	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting  8. Payment Information  a. Credit Card Last 4 Numbers	title)
Concerning document should be mailed:  Name: James E. Bradley (9010RF.045474)  Internal Address:  Street Address: Bracewell & Giuliani LLP, P.O. Box 6138	involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting	title)
concerning document should be mailed:  Name: James E. Bradley (9010RF.045474)  Internal Address:	involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed	title)
concerning document should be mailed: Name: James E. Bradley (9010RF.045474)	involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40  Authorized to be charged by credit card  Authorized to be charged to deposit account	-
concerning document should be mailed: Name: James E. Bradley (9010RF.045474)	involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40	-
concerning document should be mailed:	involved: 1	-
concerning document should be mailed:	• • • • • • • • • • • • • • • • • • • •	
o. Name and address to whom correspondent	1ce   6. Total number of applications and patents	
	ımbers attached? ☐ Yes ✓ No	
11/779,768		
A. Patent Application No.(s)	B. Patent No.(s)	
4. Application or patent number(s):	This document is being filed together with a new applicat	
Other	Additional name(s) & address(es) attached? ☐ Yes ✓	] <sub>No</sub>
Executive Order 9424, Confirmatory License	e Country: Zip: 77019	
Government Interest Assignment	State: Texas	_ '
Joint Research Agreement		
Security Agreement Change of Na	City: Houston	
Execution Date(s) July 17, 2007  Assignment  Merger	<b></b>	_ [
3. Nature of conveyance/Execution Date(s):	Street Address: 2929 Allen Parkway, Suite 2100	— <b> </b>
Additional name(s) of conveying party(ies) attached? Yes		_
_	_	
Dick L. Knox Gordon L. Besser	Internal Address:	_
James E. Layton	Name: BAKER HUGHES INCORPORATED	
I. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
To the Director of the U.S. Patent 103	3430058 documents or the new address(es) below:	)TI(
		200
	:ET 077 JUL 23 PM	.J:
	- 25 - 2007 United States Patent and Trademark 0	

**PATENT** REEL: 019632 FRAME: 0167

## PATENT APPLICATION ASSIGNMENT

DOCKET NO. 104-36403-US

WHEREAS, we, James E. Layton, a citizen of the United States, residing at 3505 S 4180 Rd., Chelsea, Oklahoma 74016, Dick L. Knox, a citizen of the United States, residing at 14303 East Dogwood Lane, Claremore, Oklahoma 74019, and Gordon L. Besser, a citizen of the United States, residing at 23766 South Willow St.; Claremore, Oklahoma 74019, have invented new and useful improvements in a

## for which application is being made for Letters Patent, said application being executed by us on the date of \_/7 July \_\_\_\_\_, 2007, \_\_\_\_\_\_, 2007, and \_\_\_\_\_\_\_\_, 2007, respectively, and further being identified by Attorney's Docket No. 104-35688-US.

WHEREAS, BAKER HUGHES INCORPORATED, a corporation of the State of Delaware, having a principal place of business at 2929 Allen Parkway, Suite 2100, Houston, Texas 77019, is desirous of acquiring our entire right, title and interest in said application and our Letters Patent which may issue thereon.

NOW THEREFORE, be it known by all whom it may concern that for and in consideration of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, we hereby assign to said corporation, both in and for the territory of the United States of America and the entire world, all our title and interest in and to said invention, patent applications and any patent which may issue thereon, including all divisions, continuations, reissues, continuations-in-part and substitutions thereof, plus all priority rights for patent applications foreign to the United States of America.

We further hereby assign and transfer to said corporation whatever cause of action we may have for past or present infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

We hereby covenant and agree that we will at any time, upon the request and at the expense of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title and said invention, applications and patents, and we authorize the Commissioner of Patents and Trademarks to issue Letters Patent to said corporation.

HOUSTON\2090884.1

PATENT REEL: 019632 FRAME: 0168

alufu , 2007.	te this Assignment on the 17 day of James E. Layton
THE STATE OF OKLAHOMA	
COUNTY OF ROGERS	
foregoing assignment to be his voluntary act and de	ridentified individual and acknowledged the ed on the 17th day of July, 2007.  Luta Columnia (10-01-12010)  y Commission No: 02014621
IN TESTIMONY WHEREOF, I execut	e this Assignment on the 17 day of
IN TESTIMONY WHEREOF, I execut  July 2007.	Dick L. Knox
THE STATE OF OKLAHOMA	
<u>July</u> , 2007.	

IN TESTIMONY WHEREOF, I execute this Assignment on the 17 day of 2007.

Gordon L. Besser

THE STATE OF OKLAHOMA COUNTY OF ROGERS

My Commission Expires: 10 -01-2010 My Commission No: 02014621

Before me personally appeared the above-identified individual and acknowledged the foregoing assignment to be his voluntary act and deed on the ///day of \_\_\_\_\_\_\_, 2007.

Notary Public for the State of Oklahoma

3

PATENT REEL: 019632 FRAME: 0170

**RECORDED: 07/23/2007**