504327171 04/19/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ				
		Name		Execution Date	
MARTIN SCIENTIFIC LL	-C			11/01/2016	
RECEIVING PARTY DA	ТА				
Name:	BAKER HL	ER HUGHES INCORPORATED			
Street Address:	PO BOX 4	740			
City:	HOUSTON	J			
State/Country:	TEXAS				
Postal Code:	77201-474	0			
PROPERTY NUMBERS	Total: 10				
Property Type		Number			
Patent Number:	824	12928			
Patent Number:	870	8704677			
		33707			
Patent Number:	942	22808			
Patent Number:	894	1384			
Application Number:	152	213891			
Application Number:	145	568980			
Application Number:	136	58261			
Application Number:	151	55824			
Application Number:		85925			
	I				
CORRESPONDENCE D	ΑΤΑ				
Fax Number:	(71	3)879-2779			
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		TEL6-62117			

NAME OF SUBMITTER:	REBECCA EVANS		
SIGNATURE:	/rebecca evans/		
DATE SIGNED:	04/19/2017		
Total Attachments: 4 source=Assignment (Martin Scientific to source=Assignment (Martin Scientific to source=Assignment (Martin Scientific to source=Assignment (Martin Scientific to	BHI)#page2.tif BHI)#page3.tif		

<u>ASSIGNMENT</u>

WHEREAS, Martin Scientific, LLC, a Pennsylvania Limited Liability Company, having a mailing address of 3947 W Lincoln Highway **#** 327, Downingtown, Pennsylvania 19335 (the "Assignor") was the sole owner and is currently the sole owner of record in and to certain new and useful improvements disclosed in certain Letters Patent, and/or applications for Letters Patent (all right, title and interest therein referred to collectively as the "Patent Rights"), as listed in Exhibit A, attached hereto.

And WHEREAS, Baker Hughes Incorporated, a Delaware corporation, having a mailing address of P.O. Box 4740, Houston, Texas 77201-4740 ("BAKER") is desirous of acquiring the entire right, title and interest in said Patent Rights;

And WHEREAS, BAKER, together with any successors, legal representatives, or assigns thereof, desires to acquire the entire aforesaid Patent Rights throughout the world; and all right, title and interest in, to and under any and all corresponding Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00) and the consideration as set forth, the receipt of which is hereby acknowledged, and for other good and valuable consideration, we the Assignor hereby confirm that we have sold, assigned, transferred, and set over and do hereby sell, assign, transfer, and set over to BAKER, effective October 1, 2016 all said Patent Rights in the Patents throughout the entire world, in and to said applications for U.S. Letters Patent, and any and all divisions, continuations, substitutions, continuations-in-part, reexaminations reissues and extensions thereof, and any and all Letters Patent of the United States and non-US countries which may be granted therefore on such inventions or improvements; and specifically including all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and applications for patents (including related rights such as utility-model registrations. inventors certificates and the like) heretofore or hereafter filed for such applications in any United States or non-US countries and all patents granted for such applications in the US and any non-US country, and we do hereby authorize and request the United States Commissioner for Patents and Trademarks, and any officials of any non-US countries whose duty it is to issue patents on applications as aforesaid, to issue any and all Letters Patent on such inventions or resulting from said application and from any and all divisions, continuations, and reissues thereof to BAKER in accordance of the terms of this Assignment.

The assignments and transfers described herein are to be held and enjoyed by BAKER for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent

of the United States and non-US countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. We further hereby assign and transfer to BAKER 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.

Assignor hereby covenants that it had the full right to transfer the Patent Rights and that it has the full right to confirm this assignment that conveyed the entire interest in the Patent Rights, and that Assignor has not executed and will not execute any agreement in conflict therewith.

IN TESTIMONY WHEREOF, we the Assignor hereby understand and agree to the terms described above, and hereby execute this Assignment

MART	IN SCIENTIFIC, LI	LC
By:	<u></u>	
Name:	MANFRED	PRAMMER
Title:	PRESIDENT	
Date:	Nov. 1	, 2016
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	5 §	

BEFORE ME, the undersigned authority, on this _____ day of _____ 2016 personally appeared Mentrul Pransure the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notapy Public Witness

Not	ary Public Witness
	COMMONWEALTH OF PENNSYLVANIA
	NOTARIAL SEAL
	JAHMAL B PHOENIX
2 of 4	8 Rotary Public
	CALN TWP CHESTER COUNTY
	My Commission Expires May 16, 2020

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PATENT REEL: 042052 FRAME: 0060

EXHIBIT A - PATENT RIGHTS

Title, abbrev.	Cou ntry	Appl. Date	Appl. No.	Grant Date	Pat. No.	Docket#
RELIABLE DOWNHOLE	US	05/22/2009	12/470,842	08/14/2012	8,242,928	100261.
DATA TRANSMISSION						000005
RELIABLE DOWNHOLE	EP	05/22/2009	09751637.1			100261.
DATA TRANSMISSION						000007
RELIABLE DOWNHOLE	US	07/11/2012	13/546,059	04/22/2014	8,704,677	100261.
DATA TRANSMISSION			• • •	c c		000015
RELIABLE DOWNHOLE	US	02/28/2014	14/193,556	09/15/2015	9,133,707	100261.
DATA TRANSMISSION						000019
RELIABLE DOWNHOLE	US	08/05/2015	14/818,928	08/23/2016	9,422,808	100261.
DATA TRANSMISSION			r 7		c 9	000028
RELIABLE DOWNHOLE	US	07/19/2016	15/213,891	5.,		100261.
DATA TRANSMISSION		1999) 		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		000035
RELIABLE WIRED-PIPE	AU	12/23/2009	2009332979	11/12/2015	2009332979	100261.
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RELIABLE WIRED-PIPE	BR	12/23/2009	PI0918681-6			100261.
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RELIABLE WIRED-PIPE	EP	12/23/2009	09837044.8			100261.
DATA TRANSMISSION				13		000010
RELIABLE WIRED-PIPE	MX	12/23/2009	MX/a/2011/	11/04/2013	314935	100261.
DATA TRANSMISSION			007169	an ana an		000011
RELIABLE WIRED-PIPE	RU	12/23/2009	2011132400	04/20/2014	2513120	100261.
DATA TRANSMISSION						000012
RELIABLE WIRED-PIPE	US	08/10/2011	13/142,612	01/27/2015	8,941,384	100261.
DATA TRANSMISSION	33 33					000013
RELIABLE WIRED-PIPE	MX	11/01/2013	MX/a/2013/	03/25/2015	328843	100261.
DATA TRANSMISSION	22		012825			000018
RELIABLE WIRED-PIPE	US	12/12/2014	14/568,980			100261.
DATA TRANSMISSION		-65				000025
RELIABLE WIRED-PIPE	AU	10/19/2015	2015243120			100261.
DATA TRANSMISSION						000029
HIGH-SPEED	US	10/23/2012	13/658,261			100261.
DOWNHOLE SENSOR						000016
HIGH-SPEED	AU	10/23/2012	2012329100			100261.
DOWNHOLE SENSOR						000020
HIGH-SPEED	BR	10/23/2012	BR112014			100261.
DOWNHOLE SENSOR			009959 6		3	000021
HIGH-SPEED	MX	10/23/2012	MX/a/2014/			100261.
DOWNHOLE SENSOR			005083			000022
HIGH-SPEED	RU	10/23/2012	2014120998			100261.
DOWNHOLE SENSOR				3		000023

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HIGH-SPEED	EP	10/23/2012	12844045.0		100261.
DOWNHOLE SENSOR				·	000024
LOGGING-WHILE-	US	05/16/2016	15/155,824		100261.
TRIPPING SYSTEM				93 100	000030
LOGGING-WHILE-	PCT	05/16/2016	PCT/US16/		100261.
TRIPPING SYSTEM	-		032652	80 ₁₁	000032
DIPOLE ANTENNAS FOR	US	06/17/2016	15/185,925		100261.
WIRED-PIPE SYSTEMS				*** 30	000031
DIPOLE ANTENNAS FOR	PCT	06/17/2016	PCT/US16/		100261.
WIRED-PIPE SYSTEMS			038029		000034

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RECORDED: 04/19/2017