

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4713286

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DARCY TECHNOLOGIES HOLDINGS LIMITED	11/28/2017
RECEIVING PARTY DATA	
Name:	HALLIBURTON MANUFACTURING AND SERVICES LIMITED
Street Address:	BUILDING 4, CHISWICK PARK
Internal Address:	566 CHISWICK HIGH ROAD
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	W45Y3
PROPERTY NUMBERS Total: 6	
Property Type	Number
Patent Number:	8555985
Application Number:	14133621
Patent Number:	8479810
Application Number:	13914569
Application Number:	14511571
PCT Number:	GB1101617
CORRESPONDENCE DATA	
Fax Number:	(214)200-0853
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	214-651-5000
Email:	ipdocketing@haynesboone.com
Correspondent Name:	HAYNES AND BOONE, LLP
Address Line 1:	2323 VICTORY AVENUE, SUITE 700
Address Line 2:	IP SECTION
Address Line 4:	DALLAS, TEXAS 75219
NAME OF SUBMITTER:	DELAUNDA N. LANFORD
SIGNATURE:	/DELAUNDA N. LANFORD/
DATE SIGNED:	12/01/2017

Total Attachments: 6

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ASSIGNMENT

WHEREAS, DARCY TECHNOLOGIES HOLDINGS LIMITED, a United Kingdom corporation, ("ASSIGNOR") owns, has developed or has otherwise acquired certain intellectual property as represented by the patents, patent applications, trademarks, and registrations set for in Schedules A and B, attached hereto and made a part of this Assignment (collectively, "Intellectual Property"); and

WHEREAS, the ASSIGNOR is desirous of assigning all of its rights in the Intellectual Property to HALLIBURTON MANUFACTURING AND SERVICES LIMITED, a United Kingdom corporation, ("ASSIGNEE").

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the ASSIGNOR, the parties hereto, intending legally to be bound, agree as follows:

ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns, said ASSIGNOR'S entire right, title and interest in, to and under the Intellectual Property, including, without limitation, (i) all United States and foreign rights therein, whether protected by copyrights or not, whether patentable or not, and in and to all registrations and applications, trademarks, patents, patent applications and any divisions or continuations thereof, and any patents or other registrations obtained for the Intellectual Property in the United States and any foreign countries, or issuing out of said applications or any such division or continuation thereof, and any reissues or extensions of any such patents or copyrights; and (ii) all rights of priority in the Intellectual Property; and (iii) all goodwill associated with the Intellectual Property.

ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and Trademarks, and any official of any country or countries foreign to the United States, whose duty it is to issue patents, trademark registrations or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

Executed and delivered this 28th day of November, 2017.

DARCY TECHNOLOGIES HOLDINGS
LIMITED

HALLIBURTON MANUFACTURING
AND SERVICES LIMITED

By: DA
Name: DAVID A. JOHNSTON
Title: DIRECTOR

By: S. C. FROD
Name: SCOTT C. FROD
Title: MANAGER

State of _____)
)
County of ABERDEEN CITY)

Personally appeared before me this 28th day of November, 2017, DAVID JOHNSTON

known to me to be the DIRECTOR of DARCY TECHNOLOGIES HOLDINGS LIMITED and person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

K. Armstrong - KYLA LOUISE ARMSTRONG
Notary Public ABERDEEN

(SEAL)

My Commission expires 31 OCTOBER 2018

State of _____)
)
County of ABERDEEN CITY)
)
Country of SCOTLAND)

Personally appeared before me this 28th day of November, 2017, SCOT CLIFTON

known to me to be the DIRECTOR of HALLIBURTON MANUFACTURING AND SERVICES LIMITED and person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

K. Armstrong - KYLA LOUISE ARMSTRONG
Notary Public ABERDEEN

(SEAL)

My Commission expires 31 OCTOBER 2018

PATENT / DOCKET NO. _____
Customer No. 27683

4845-3397-5889_1

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PATENT
REEL: 044271 FRAME: 0444

Schedule A to Assignment Between
Darcy Technologies Holdings Limited and Halliburton Manufacturing and Services Limited
United States Patents and Patent Applications

Title	Application Number	Application Date	Patent Number	Issue Date
Permeability Modification	12/666,942	06/25/2008	8,555,985	10/15/2013
Permeability Modification	14/133,621	12/18/2013	Abandoned	
Downhole Apparatus	12/666,981	06/25/2008	8,479,810	07/09/2013
Downhole Apparatus	13/914,569	06/10/2013	Abandoned	
Downhole Apparatus	14/511,571	10/10/2014	Abandoned	

Darcy Technologies Holdings Limited: Initials _____

Schedule B to Assignment Between
Darcy Technologies Holdings Limited and Halliburton Manufacturing and Services Limited
Foreign Patents and Patent Applications

Country	Title	Application Number	Application Date	Patent Number	Issue Date
EPC	Downhole Apparatus	12165532.8	06/25/2008		
NORW	Downhole Apparatus	10013810.6	06/25/2008	2287443	07/09/2014
EPC	Downhole Apparatus	20100013413	06/25/2008	2292892	05/18/2011
EPC	Downhole Apparatus	20100013414	06/25/2008	2292893	07/23/2014
GBRI	Downhole Apparatus	GB1706932.9	05/02/2017		
GBRI	Downhole Apparatus	1607710.3	05/03/2016		
GBRI	Permeability Modification	10013414.7	06/25/2008	2292893	07/23/2014
NORW	Permeability Modification	10013414.7	06/25/2008	2292893	07/23/2014
NETH	Permeability Modification	10013414.7	06/25/2008	2292893	07/23/2014
FRAN	Permeability Modification	10013414.7	06/25/2008	2292893	07/23/2014
EPC	Downhole Apparatus	20120165532	06/25/2008	2495393	01/23/2013
EPC	Downhole Apparatus	08762472	06/25/2008	2176514	07/16/2014
FRAN	Downhole Apparatus	0876247.2	06/25/2008	2176514	07/16/2014
NORW	Downhole Apparatus	0876247.2	06/25/2008	2176514	07/16/2014
NETH	Downhole Apparatus	0876247.2	06/25/2008	2176514	07/16/2014
GBRI	Downhole Apparatus	0876247.2	06/25/2008	2176514	07/16/2014
EPC	Downhole Apparatus	20100013628	06/25/2008	2287442	05/18/2001
EPC	Downhole Apparatus	20100013810	06/25/2008	2287443	05/18/2011
GBRI	Downhole Apparatus	10013810.6	06/25/2008	2287443	07/09/2014
NETH	Downhole Apparatus	10013810.6	06/28/2008	2287443	07/09/2014

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FRAN	Downhole Apparatus	10013810.6	06/25/2008	2287443	07/09/2014
PCT	Downhole Apparatus	PCT/GB08/02165	06/25/2008		
GBRI	Downhole Apparatus	0712345.8	06/26/2007		
EPC	Permeability Modification	20080762467	06/25/2008	2176513	01/25/2017
GBRI	Permeability Modification	08762467.2	06/25/2008	2176513	01/25/2017
NORW	Permeability Modification	08762467.2	06/25/2008	2176513	01/25/2017
NETH	Permeability Modification	08762467.2	06/25/2008	2176513	01/25/2017
FRAN	Permeability Modification	08762467.2	06/25/2008	2176513	01/25/2017
PCT	Permeability Modification	PCT/GB08/02158	06/25/2008		
PCT	Downhole Method and Apparatus for Use in Conditioning Drilled Bores	PCT/GB11/01617	11/16/2011		

Darcy Technologies Holdings Limited: Initials _____