504374392 05/18/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4421086

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	01/01/2017

CONVEYING PARTY DATA

Name	Execution Date
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	04/04/2017

RECEIVING PARTY DATA

Name:	WEATHERFORD NETHERLANDS, B.V.
Street Address:	SCHRIJNWERKERSWEG 6
Internal Address:	1786 PC
City:	DEN HELDER
State/Country:	NETHERLANDS

PROPERTY NUMBERS Total: 10

Property Type	Number
Application Number:	10867960
Application Number:	10208724
Application Number:	14179278
Application Number:	14510984
Application Number:	14710285
Application Number:	14710090
Application Number:	14868049
Application Number:	15335215
Application Number:	15335118
Application Number:	15452975

CORRESPONDENCE DATA

Fax Number: (713)623-4846

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.

Phone: 7136234844

Email: psdocketing@pattersonsheridan.com,

jmatthews@pattersonsheridan.com

Correspondent Name: PATTERSON & SHERIDAN, LLP

Address Line 1: 24 GREENWAY PLAZA

Address Line 2: SUITE 1600

PATENT 504374392 REEL: 042428 FRAME: 0778

Address Line 4: HOU	STON, TEXAS 77046
ATTORNEY DOCKET NUMBER:	WTH TO WTH NETHERLANDS
NAME OF SUBMITTER:	JULIE MATTHEWS
SIGNATURE:	/Julie Matthews/
DATE SIGNED:	05/18/2017

Total Attachments: 15

source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page1.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page3.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page3.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page4.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page5.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page6.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page7.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page8.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page10.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page11.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page11.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page12.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page13.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page13.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page13.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page13.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page13.tif source=WFT Netherlands IP Assignment and Recordable Assignment Agmt corrected 08may2017#page15.tif

ASSIGNMENT AGREEMENT

IN THIS AGREEMENT, made and entered into as of the First day of January, 2017 ("Effective Date"), Weatherford Technology Holdings, LLC, a Delaware limited liability company having a place of business at 2000 St. James Place, Houston, Texas 77056 (hereinafter "WTH"), Weatherford/Lamb, Inc., a company incorporated in the United States having a place of business at 2000 St. James Place, Houston, Texas 77056 (hereinafter "WLAMB", together with WTH "ASSIGNORS") and Weatherford Netherlands B.V., a Netherlands limited liability company having a registered office at Schrijnwerkersweg 6, 1786 PC, Den Helder (hereinafter referred to as "ASSIGNEE").

RECITALS

WHEREAS, ASSIGNORS are in the business of managing and maintaining the legal protection of Intellectual Property rights on behalf of legal entities within the group of companies owned partially or wholly, directly or indirectly by Weatherford International plc.

WHEREAS, ASSIGNEE is in the business of developing, manufacturing, and providing specialized products, such as eccentric noses, drilling jar clamps, liner plug systems, cement plugs and stabbing guides, as well as continued production and sales of the Klepo inflatable thread protector (the "Elastomer Business") to the oil and gas industry.

WHEREAS, ASSIGNORS and ASSIGNEE have in a prior understanding agreed that ASSIGNORS manage and file for patent protection in ASSIGNORS names for development of intellectual property related to the Elastomer Business undertaken and economically owned by ASSIGNEE, and that according to this understanding ASSIGNORS retained only legal title to the patents related to the Elastomer Business.

WHEREAS, ASSIGNORS and ASSIGNEE now wish to assign all of ASSIGNORS' rights related to the development work undertaken as part of the Elastomer Business to ASSIGNEE.

THEREFORE, in consideration of the mutual covenants hereinafter set forth, the Parties do hereby agree as follows:

- 1. ASSIGNORS hold all legal rights, title, and interest in and to each and every patent and patent application listed in **Attachment A**, the inventions disclosed and claimed therein, and all other patents and applications that rely on the patents and patent applications listed in **Attachment A** for priority ("the Patents").
- 2. ASSIGNEE desires to acquire and ASSIGNORS are willing to assign to ASSIGNEE all of ASSIGNORS' rights, title, and interest in and to the Patents and any inventions disclosed and claimed therein.
- 3. ASSIGNORS hereby transfer, grant, convey, assign, and relinquish exclusively to ASSIGNEE all of ASSIGNORS' rights, title, and interest in and to the Patents, the inventions

described and claimed therein, and all accrued causes of action for damages for infringement thereof.

- 4. On the Effective Date, ASSIGNEE shall pay to each ASSIGNOR the sum of \$1,000 dollars (\$) by certified check or wire transfer, as specified by ASSIGNORS.
- ASSIGNORS shall execute and deliver to ASSIGNEE the Assignment in Attachment B hereto, and, from time to time after the date hereof upon the request of ASSIGNEE, such further conveyance instruments as may be necessary or desirable to evidence more fully the transfer of ownership of all the Patents to ASSIGNEE, or the original ownership of all the Patents on the part of ASSIGNORS, to the fullest extent possible. ASSIGNORS further agree to provide testimony in connection with any proceeding affecting the rights, title, interest, or benefit of ASSIGNEE in and to the Patents and to perform any other acts deemed necessary to carry out the intent of this Agreement. ASSIGNEE shall reimburse ASSIGNORS for any and all costs reasonably incurred by ASSIGNORS in performance under this paragraph.
- 6. In furtherance of this Agreement, ASSIGNORS hereby acknowledge that, from the Effective Date forward, ASSIGNEE has succeeded to all of ASSIGNORS rights, title, and standing to receive all rights and benefits pertaining to the Patents, institute and prosecute all suits and proceedings, and take all actions that ASSIGNEE, in its sole discretion, may deem necessary or proper to collect, assert, or enforce any claim, right, or title of any kind under any and all of the Patents, whether arising before or after the Effective Date, defend and compromise any and all such actions, suits, or proceedings relating to such transferred and assigned rights, title, interest, and benefits, and do all other such acts and things in relation thereto as ASSIGNEE, in its sole discretion, deems advisable.
- 7. ASSIGNORS represent and warrant that no consents of any other parties are necessary or appropriate under any agreements concerning any of the Patents in order for the transfer and assignment of any of the Patents under this Agreement to be legally effective.
- 8. ASSIGNORS represent and warrant that, to the best of ASSIGNORS' knowledge, upon consummation of this Agreement, ASSIGNEE shall have good and marketable title to the Patents, free and clear of any and all liens, mortgages, encumbrances, pledges, security interests, licenses, or charges of any nature whatsoever.
- 9. This Agreement shall inure to the benefit of, and be binding on, the Parties hereto together with their respective legal representatives, successors, and assigns

10. This Agreement shall be governed by and construed in accordance with the laws of the State of Texas (excluding conflicts of law rules) and of the United States.

IN WITNESS WHEREOF, the Parties hereto have execut first above written.	red this Agreement under seal the day and year
Weatherford Technology Holdings, LLC	Weatherford Wetherlands, B.V.
By: Alton Warm	By:
DENTON THOMAS (Print Name)	(Print Name)
Title: VICE PRESIDENT	Title: Dinecton
Date: 4/3/17	Date: 3 April 2017
Weatherford/Lamb, Inc. By: Charty R. Kohl (Print Name) Title: Vice Phenosot	
Date: 4/3/17	

REEL: 042428 FRAME: 0782

Attachment A

Patents

FILE NUMBER	TITLE	COUNTRY NAME	STATUS	APPLICATION NUMBER	PA DATE FILED NU	PATENT G	GRANT DATE	ASSIGNOR
3965-DIV1-US	Apparatus for Releasing a Ball into a Wellbor	United States of America	Issued	10867960	15-Jun-04 7143831	3831	5-Dec-06	Weatherford Technology 5-Dec-06 Holdings, LLC.
3965-US	Apparatus for Releasing a Ball into a Wellbor	United States of America	Issued	10208724	30-Jul-02 6802372	2372	12-0ct-04	Weatherford Technology 12-Oct-04 Holdings, LLC.
5754-EP	Apparatus and Methods of Running Casing in	European Patent Office	Published	147070593	12-Feb-14			Weatherford/Lamb, Inc.
5754-PCT	Apparatus and Methods of Running Casing in	PCT	Pending	PCTUS1416129	12-Feb-14			Weatherford/Lamb, Inc.
5754-PCT-AU	Apparatus and Methods of Running Casing in	Australia	Allowed	2014216312	12-Feb-14			Weatherford Technology Holdings, LLC.
5754-PCT-BR	Apparatus and Methods of Running Casing in	Brazil	Pending	1.12015E+12	12-Feb-14			Weatherford Technology Holdings, LLC.
5754-PCT-CA	Apparatus and Methods of Running Casing in	Canada	Published	2900502	12-Feb-14			Weatherford/Lamb, Inc.
5754-US	Apparatus and Methods of Running Casing in	United States of America	Published	14179278	12-Feb-14			Weatherford Technology Holdings, LLC.
5856-EP	System and Method for Sealing a Wellbore	European Patent Office	Published	147870828	9-Oct-14			Weatherford/Lamb, Inc.
5856-PCT	System and Method for Sealing a Wellbore	PCT	Pending	PCTUS14059962	9-Oct-14			Weatherford/Lamb, Inc.
5856-PCT-CA	System and Method for Sealing a Wellbore	Canada	Published	2925009	9-0ct-14			Weatherford Technology Holdings, LLC.
5856-US	System and Method for Sealing a Wellbore	United States of America	Published	14510984	9-0ct-14			Weatherford/Lamb, Inc.
5943-CA	Closure Device for Surge Pressure Reduction	Canada	Published	2891003	12-May-15		1	Weatherford Technology Holdings, LLC.
5943-NO	Closure Device for a Surge Pressure Reduction	Norway	Pending	20150585	13-May-15			Weatherford/Lamb, Inc.
5943-UK	Closure Device for a Surge Pressure Reductiq	United Kingdom	Published	15081086	12-May-15			Weatherford/Lamb, Inc.
5943-US	Closure Device for a Surge Pressure Reduction	United States of America	Published	14710285	12-May-15			Weatherford/Lamb, Inc.
6024-CA	Surge Immune Stage System for Wellbore Tu	Canada	Issued	2891577	13-May-15 2891577	1577	23-Aug-16	Weatherford Technology 23-Aug-16 Holdings, LLC.
6024-NO	Surge Immune Stage System for Wellbore Tu	Norway	Pending	20150593	13-May-15			Weatherford/Lamb, Inc.
6024-UK	Surge Immune Stage System for Wellbore Tu	United Kingdom	Pending	15083330	15-May-15			Weatherford/Lamb, Inc.
6024-US	Surge Immune Stage System for Weilbore Tu	United States of America	Published	14710090	12-May-15			Weatherford/Lamb, Inc.
6048-PCT	Multi/Dual Function Liner/Plug Dart	PCT	Pending	PCTUS16034382	26-May-16			Weatherford/Lamb, Inc.

						Weatherford Technology
6126-AU	Setting Tool with Pressure Shock Absorber	Australia	Pending	2016225805	6-Sep-16	Holdings, LLC.
						Weatherford Technology
6126-CA	Setting Tool with Pressure Shock Absorber	Canada	Pending	2940998	6-Sep-16	Holdings, LLC.
						Weatherford Technology
6126-NO	Setting Tool with Pressure Shock Absorber	Norway	Pending	20161515	22-Sep-16	Holdings, LLC.
						Weatherford Technology
6126-UK	Setting Tool with Pressure Shock Absorber	United Kingdom Pending	Pending	16152647	8-Sep-16	Holdings, LLC.
		United States of				Weatherford Technology
6126-US	Setting Tool with Pressure Shock Absorber	America	Pending	14868049	28-Sep-15	Holdings, LLC.
		United States of				Weatherford Technology
6267A-US	Casing Floatation System With Latch-In Plug	America	Pending	15335215	26-Oct-16	Holdings, LLC.
		United States of				Weatherford Technology
6267-US	Top Plug With Transitionable Seal	America	Pending	15335118	26-Oct-16	Holdings, LLC.
		United States of				Weatherford Technology
6299-US	Future SSR	America	Unfiled	newtobeadvised	,	Holdings, LLC.

Attachment B Recordable Assignment

PATENT⁷

REEL: 042428 FRAME: 0786

Assignment

WHEREAS, Weatherford Technology Holdings, LLC, a Delaware limited liability company having a place of business at 2000 St. James Place, Houston, Texas 77056, hereinafter referred to as "ASSIGNOR", is the owner of the entire right, title, and interest in and to each and every patent and patent application listed on Exhibit A attached hereto and any inventions described and claimed therein; and

Weatherford Netherlands B.V., a Netherlands having a registered office at Schrijnwerkersweg 6, 1786 PC, Den Helder having a registered office at Schrijnwerkersweg 6, 1786 PC, Den Helder, hereinafter referred to as "ASSIGNEE", desires to acquire all of ASSIGNOR's interest in and to each and every patent and patent application listed on Exhibit A and all inventions described and claimed therein.

NOW THEREFORE, for \$1,000 and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby assigns and transfers unto ASSIGNEE, its lawful successors and assigns, all of ASSIGNOR's right, title, and interest in and to each and every patent and patent application listed on Exhibit A hereto, each invention described and claimed in each of the patents and patent applications listed on Exhibit A, any other patent applications that are directed to any of the inventions, all Letters Patent in the United States and in any other country that may be granted that are based on the applications listed on Exhibit A and based on any other patent applications directed to any of the inventions described therein, and all reissues, reexaminations, and extensions thereof; all rights to claim priority on the basis of any such applications, and all applications for Letters Patent that may be filed for any of the inventions in any country, and all extensions, renewals, and reissues thereof; and all accrued causes of action for damages for infringement thereof;

AND, ASSIGNOR HEREBY authorizes the United States and any official of any foreign country whose duty it is to issue patents on the applications described above, to issue all Letters Patent for the subject inventions to ASSIGNEE, its successors and assigns, in accordance with the terms of this Assignment;

AND, ASSIGNOR HEREBY further covenants that ASSIGNOR has the full right to convey to ASSIGNEE the interests assigned by this Assignment, ASSIGNOR will take all action and execute all documents necessary to perfect the interest assigned hereby, and ASSIGNOR has not executed and will not execute any agreement in conflict with this Assignment;

AND, ASSIGNOR HEREBY further covenants and agrees that ASSIGNOR, through its officers and employees, will, without further consideration, communicate with ASSIGNEE, its successors and assigns, any facts known to ASSIGNOR and to its officers and employees respecting the inventions and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect title to the inventions

in said ASSIGNEE, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and generally do everything reasonably possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper patent protection for the inventions in the United States and any foreign country, it being understood that any expense incident to the foregoing assistance shall be borne by ASSIGNEE, its successors and assigns.

IN TESTIMONY WHEREOF, each party has caused its authorized representatives to execute this Assignment.

Weatherford Technology Holdings, LLC	Weatherford Natherlands, B.V.
By: Renton Thongar	By: Julium
DEALTON THOMAS	AW VERRECA.

(Print Name) (Print Name)

Title: VICE PRES(1) EST Title: Director

Pate: 4/4/17 Date: 3/prs/2017

Exhibit A

PATENT

REEL: 042428 FRAME: 0789

	·			APPLICATION		PATENT		
FILE NUMBER	TITLE	COUNTRY NAME	STATUS	NUMBER	DATE FILED	NUMBER	GRANT DATE	ASSIGNOR
		United States of						Weatherford Technology
3965-DIV1-US	Apparatus for Releasing a Ball into a Wellbor	America	Issued	10867960	15-Jun-04 7143831	7143831	5-Dec-06	5-Dec-06 Holdings, LLC.
		United States of						Weatherford Technology
3965-US	Apparatus for Releasing a Ball into a Wellbor	America	Issued	10208724	30-Jul-02 6802372	6802372	12-Oct-04	12-Oct-04 Holdings, LLC.
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								Weatherford Technology
5754-PCT-BR	Apparatus and Methods of Running Casing in	Brazil	Pending	1.12015E+12	12-Feb-14			Holdings, LLC.
		United States of						Weatherford Technology
5754-US	Apparatus and Methods of Running Casing in	America	Published	14179278	12-Feb-14			Holdings, LLC.
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5856-PCT-CA	System and Method for Sealing a Wellbore	Canada	Published	2925009	9-Oct-14			Holdings, LLC.
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5943-CA	Closure Device for Surge Pressure Reduction	Canada	Published	2891003	12-May-15			Holdings, LLC.
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6126-UK	Setting Tool with Pressure Shock Absorber	United Kingdom	Pending	16152647	8-Sep-16			Holdings, LLC.
		United States of						Weatherford Technology
6126-US	Setting Tool with Pressure Shock Absorber	America	Pending	14868049	28-Sep-15			Holdings, LLC.
		United States of			**********			Weatherford Technology
6267A-US	Casing Floatation System With Latch-In Plug		Pending	15335215	26-Oct-16			Holdings, LLC.
		United States of			**************************************			Weatherford Technology
6267-US	Top Plug With Transitionable Seal	America	Pending	15335118	26-Oct-16			Holdings, LLC.
		United States of						Weatherford Technology
6299-US	Future SSR	America	Unfiled	newtobeadvised				Holdings, LLC.

Assignment

WHEREAS, Weatherford/Lamb, Inc., a company incorporated in the United States having a place of business at 2000 St. James Place, Houston, Texas 77056, hereinafter referred to as "ASSIGNOR", is the owner of the entire right, title, and interest in and to each and every patent and patent application listed on Exhibit A attached hereto and any inventions described and claimed therein; and

Weatherford Netherlands B.V., a Netherlands having a registered office at Schrijnwerkersweg 6, 1786 PC, Den Helder having a registered office at Schrijnwerkersweg 6, 1786 PC, Den Helder, hereinafter referred to as "ASSIGNEE", desires to acquire all of ASSIGNOR's interest in and to each and every patent and patent application listed on Exhibit A and all inventions described and claimed therein.

NOW THEREFORE, for \$1,000 and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby assigns and transfers unto ASSIGNEE, its lawful successors and assigns, all of ASSIGNOR's right, title, and interest in and to each and every patent and patent application listed on Exhibit A hereto, each invention described and claimed in each of the patents and patent applications listed on Exhibit A, any other patent applications that are directed to any of the inventions, all Letters Patent in the United States and in any other country that may be granted that are based on the applications listed on Exhibit A and based on any other patent applications directed to any of the inventions described therein, and all reissues, reexaminations, and extensions thereof; all rights to claim priority on the basis of any such applications, and all applications for Letters Patent that may be filed for any of the inventions in any country, and all extensions, renewals, and reissues thereof; and all accrued causes of action for damages for infringement thereof;

AND, ASSIGNOR HEREBY authorizes the United States and any official of any foreign country whose duty it is to issue patents on the applications described above, to issue all Letters Patent for the subject inventions to ASSIGNEE, its successors and assigns, in accordance with the terms of this Assignment;

AND, ASSIGNOR HEREBY further covenants that ASSIGNOR has the full right to convey to ASSIGNEE the interests assigned by this Assignment, ASSIGNOR will take all action and execute all documents necessary to perfect the interest assigned hereby, and ASSIGNOR has not executed and will not execute any agreement in conflict with this Assignment;

AND, ASSIGNOR HEREBY further covenants and agrees that ASSIGNOR, through its officers and employees, will, without further consideration, communicate with ASSIGNEE, its successors and assigns, any facts known to ASSIGNOR and to its officers and employees respecting the inventions and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect title to the inventions in said ASSIGNEE, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and generally do everything reasonably possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper patent protection for the inventions in the United States and any foreign country, it being understood that any expense

incident to the foregoing assistance shall be borne by ASSIGNEE, its successors and assigns.

IN TESTIMONY WHEREOF, each party has caused its authorized representatives to execute this Assignment.

Weatherford/Lamb, Inc.

By:

CHARITY R. | COHI

(Print Name)

Title: VICE PRESIDENT

Date: 4/3/17

Date: 3 Print Name

Exhibit A

FILE NUMBER	ТІПЕ	COUNTRY NAME	STATUS	APPLICATION NUMBER	DATE FILED	PATENT NUMBER	GRANT DATE	ASSIGNOR
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5943-US	Closure Device for a Surge Pressure Reduction	United States of America	Published	14710285	12-May-15			Weatherford/Lamb, Inc.
6024-NO	Surge Immune Stage System for Wellbore Tu	Norway	Pending	20150593	13-May-15			Weatherford/Lamb, Inc.
6024-UK	Surge Immune Stage System for Wellbore Tu	United Kingdom	Pending	15083330	15-May-15			Weatherford/Lamb, Inc.
6024-US	Surge Immune Stage System for Wellbore Tu		Published	14710090	12-May-15			Weatherford/Lamb, Inc.
6048-PCT	Multi/Dual Function Liner/Plug Dart	PCT	Pending	PCTUS16034382	26-May-16			Weatherford/Lamb, Inc.

RECORDED: 05/18/2017