

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4557127

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ROTARY DRILLING TOOLS USA, LLC	07/28/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	RDT, INC.	
<b>Street Address:</b>	9022 VINCIK EHLERT ROAD	
<b>City:</b>	BEASLEY	
<b>State/Country:</b>	TEXAS	
<b>Postal Code:</b>	77417	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	<b>Patent Number:</b>	8783344
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(713)632-1401	
<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>		
<b>Phone:</b>	7136321400	
<b>Email:</b>	MONICA.WILLIAMS@HOGANLOVELLS.COM	
<b>Correspondent Name:</b>	HOGAN LOVELLS US LLP	
<b>Address Line 1:</b>	609 MAIN STREET	
<b>Address Line 2:</b>	SUITE 4200	
<b>Address Line 4:</b>	HOUSTON, TEXAS 77002	
<b>ATTORNEY DOCKET NUMBER:</b>	047363.000009	
<b>NAME OF SUBMITTER:</b>	JEFFREY S. WHITTLE	
<b>SIGNATURE:</b>	/JEFFREY S. WHITTLE/	
<b>DATE SIGNED:</b>	08/18/2017	
<b>Total Attachments: 10</b>		
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## ASSIGNMENT

WHEREAS, **Rotary Drilling Tools USA LLC**, hereinafter referred to as "Company A", a limited liability corporation duly organized and existing under the laws of the State of Texas and having a place of business at 9022 Vincik Ehlert, Beasley, TX 77417, USA, is desirous of transferring its entire right, title and interest in and to any invention, inventions or improvements, and in and to said application, and any and all applications and patents, both of the United States and of all foreign countries, that may be obtained therefore for the following:

### ***INTEGRAL WEAR PAD AND METHOD***

WHEREAS, **RDT, Inc.**, hereinafter referred to as "Company B", a corporation duly organized and existing under the laws of the State of Texas and having a place of business at 9022 Vincik Ehlert, Beasley, TX 77417, USA, is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and any and all applications and patents, both of the United States and of all foreign countries, that may be obtained therefore including but not limited to those included in Schedule A;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that, the undersigned Company A, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, has sold, assigned, transferred and conveyed, and by this assignment does sell, assign, transfer and convey, unto said COMPANY B, its successors and assigns, the entire right, title and interest throughout the world, in and to the above-described invention, inventions or improvements described or set forth in said applications, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements,

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

1 of 5

Initials AKM  
Date 1/28/17

Initials \_\_\_\_\_  
Date \_\_\_\_\_

AND said COMPANY A does hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY B, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY B, its successors and assigns.

AND said COMPANY A does hereby covenant and warrant that said COMPANY A has full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that no said COMPANY A has executed or will execute any instruments in conflict herewith.

AND said COMPANY A, for the conditions aforesaid, does hereby covenant and agree to and with said COMPANY B, its successors and assigns, that the COMPANY A, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of said COMPANY B, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY B, its successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

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Initials AMM  
Date 7/28/17

Initials \_\_\_\_\_  
Date \_\_\_\_\_

For COMPANY A:

IN WITNESS WHEREOF, I, ALLISON D. BYMAN, have hereunto set my hand and seal this 28th day of July, 2017.

Liquidating Trustee for  
Rotary Drilling Tools USA LLC  
Liquidating Trust

Date: 7/28/17

Signature: Allison D. Byman, Liquidating Trustee

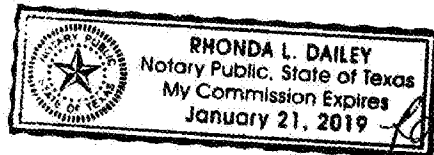
Name: ALLISON D. BYMAN

Title: Liquidating Trustee for Rotary Drilling Tools USA, LLC Liquidating Trust

On this 28th day of July, before me, Rhonda L. Dailey, the undersigned Notary Public, personally appeared Allison D. Byman, ASSIGNOR, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same. WITNESS my hand and official seal in Brazoria County of Texas on the date set forth in this certificate.

Rhonda L. Dailey

Notary Public



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Initials Amg  
Date 7/28/17

Initials \_\_\_\_\_  
Date \_\_\_\_\_

PATENT

REF: 040005 FRAME 0710

For COMPANY B:

IN WITNESS WHEREOF, I, \_\_\_\_\_, have hereunto set my hand and seal this \_\_\_\_ day  
of \_\_\_\_\_, 2017.

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

On this \_\_\_\_ day of \_\_\_\_\_, before me, \_\_\_\_\_, the undersigned Notary Public,  
personally appeared \_\_\_\_\_, ASSIGNOR, personally known to me (or proved to me on the basis  
of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to  
me that he executed the same. WITNESS my hand and official seal in \_\_\_\_\_ County of \_\_\_\_\_  
on the date set forth in this certificate.

\_\_\_\_\_  
Notary Public

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Initials ARMG  
Date 7/28/17

Initials \_\_\_\_\_  
Date \_\_\_\_\_

# SCHEDULE A

Country	Application Number / Patent Number	Filing Date / Issue Date	Title
US	8,783,344	07/22/2014	INTEGRAL WEAR PAD AND METHOD
PCT	WO 2012/003016	01/05/2012	INTEGRAL WEAR PAD AND METHOD
AU	2011271660	12/24/2015	INTEGRAL WEAR PAD AND METHOD
BR	BR112013018721-2	07/23/2013	INTEGRAL WEAR PAD AND METHOD
CA	2811482	03/15/2013	INTEGRAL WEAR PAD AND METHOD
CN	103781988	12/07/2016	INTEGRAL WEAR PAD AND METHOD
EP	11801279.8	10/11/2013	INTEGRAL WEAR PAD AND METHOD
MX	337309	02/25/2016	INTEGRAL WEAR PAD AND METHOD
RU	2558555	08/10/2015	INTEGRAL WEAR PAD AND METHOD

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Initials AVMO  
Date 7/26/17

Initials \_\_\_\_\_  
Date \_\_\_\_\_

## ASSIGNMENT

WHEREAS, **Rotary Drilling Tools USA LLC**, hereinafter referred to as "Company A", a limited liability corporation duly organized and existing under the laws of the State of Texas and having a place of business at 9022 Vincik Ehlert, Beasley, TX 77417, USA, is desirous of transferring its entire right, title and interest in and to any invention, inventions or improvements, and in and to said application, and any and all applications and patents, both of the United States and of all foreign countries, that may be obtained therefore for the following:

### *INTEGRAL WEAR PAD AND METHOD*

WHEREAS, **RDT, Inc.**, hereinafter referred to as "Company B", a corporation duly organized and existing under the laws of the State of Texas and having a place of business at 9022 Vincik Ehlert, Beasley, TX 77417, USA, is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and any and all applications and patents, both of the United States and of all foreign countries, that may be obtained therefore including but not limited to those included in Schedule A;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that, the undersigned Company A, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, has sold, assigned, transferred and conveyed, and by this assignment does sell, assign, transfer and convey, unto said COMPANY B, its successors and assigns, the entire right, title and interest throughout the world, in and to the above-described invention, inventions or improvements described or set forth in said applications, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements,

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

1 of 5

Initials *gM*  
Date *28 Jan 2017*

Initials \_\_\_\_\_  
Date \_\_\_\_\_



AND said COMPANY A does hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY B, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY B, its successors and assigns.

AND said COMPANY A does hereby covenant and warrant that said COMPANY A has full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that no said COMPANY A has executed or will execute any instruments in conflict herewith.

AND said COMPANY A, for the conditions aforesaid, does hereby covenant and agree to and with said COMPANY B, its successors and assigns, that the COMPANY A, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of said COMPANY B, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY B, its successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

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Initials gk  
Date 5/1/07

Initials \_\_\_\_\_  
Date \_\_\_\_\_

For COMPANY A:

IN WITNESS WHEREOF, I, \_\_\_\_\_, have hereunto set my hand and seal this \_\_\_\_\_ day  
of \_\_\_\_\_, 2017.

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, before me, \_\_\_\_\_, the undersigned Notary Public,  
personally appeared \_\_\_\_\_, ASSIGNOR, personally known to me (or proved to me on the basis  
of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to  
me that he executed the same. WITNESS my hand and official seal in \_\_\_\_\_ County of \_\_\_\_\_  
on the date set forth in this certificate.

\_\_\_\_\_  
Notary Public

3 of 5

Initials WY  
Date 28.5.17 2017

Initials \_\_\_\_\_  
Date \_\_\_\_\_

For COMPANY B:

IN WITNESS WHEREOF, I, John A. Cary, have hereunto set my hand and seal this 28<sup>th</sup> day of July, 2017.

Date: July 28, 2017

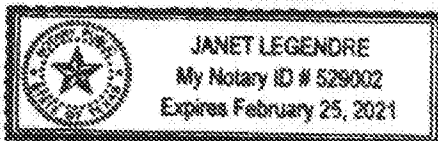
Signature: [Signature]

Name: John A. Cary

Title: Secretary

On this 28 day of July, before me, JANET LEGENDRE, the undersigned Notary Public, personally appeared JOHN A. CARY, ASSIGNOR, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same. WITNESS my hand and official seal in CAUWORTH County of TEXAS on the date set forth in this certificate.

[Signature]  
Notary Public



4 of 5

Initials JM

Date 28 July 2017

Initials \_\_\_\_\_

Date \_\_\_\_\_

SCHEDULE A

Country	Application Number / Patent Number	Filing Date / Issue Date	Title
US	8,783,344	07/22/2014	INTEGRAL WEAR PAD AND METHOD
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AU	2011271660	12/24/2013	INTEGRAL WEAR PAD AND METHOD
BR	BR112013018721-2	07/23/2013	INTEGRAL WEAR PAD AND METHOD
CA	2811482	03/13/2013	INTEGRAL WEAR PAD AND METHOD
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MX	337309	02/25/2016	INTEGRAL WEAR PAD AND METHOD
RU	2558555	08/10/2013	INTEGRAL WEAR PAD AND METHOD

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Initials g/h  
Date 8/15/2017

Initials \_\_\_\_\_  
Date \_\_\_\_\_