

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3924392

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MESFIN AYELE DEMISSIE	12/02/2013
ALBEN D'SILVA	12/02/2013
RECEIVING PARTY DATA	
Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	10200 BELLAIRE BOULEVARD
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77072
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15106114
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	16463-389
NAME OF SUBMITTER:	TERRENCE N. KUHARCHUK
SIGNATURE:	/Terrence N. Kuharchuk/
DATE SIGNED:	06/17/2016
Total Attachments: 4	
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ASSIGNMENT OF INVENTION

We, the undersigned:

(a) Mesfin Ayele DEMISSIE
2421 - 104 Street N.W.
Edmonton, Alberta
T6J 5S6
Canada

(b) Alben D'SILVA
3752 - 13 Street N.W.
Edmonton, Alberta
T6T 0E5
Canada

(hereinafter collectively referred to as the "Inventors") have made an invention, while in the employ either as an employee or a consultant of Halliburton Energy Services, Inc. (hereinafter referred to as the "Assignee"), entitled:

**LOCKING NUT WITH DIRECTIONAL COUPLING
MECHANISM**

as set forth and described in an application for Letters Patent pursuant to the Patent Cooperation Treaty, filed concurrently herewith with the Canadian Intellectual Property Office as Receiving Office or as PCT International Application No. PCT/CA2014/000042 filed on January 21, 2014 [Attorney's File No. 16463-318; the attorney is hereby authorized to fill in the application number and filing date after assignment by the Patent Cooperation Treaty Office] (hereinafter referred to as the "Invention").

FOR GOOD AND VALUABLE CONSIDERATION, the receipt and sufficiency of which are hereby acknowledged, we do hereby irrevocably assign, grant, sell, convey, transfer and make over unto the Assignee as follows:

HALLIBURTON ENERGY SERVICES, INC.
10200 Bellaire Boulevard
Houston, Texas
77072
United States of America

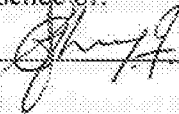
our entire right, title and interest in and to the Invention, the PCT International Application as noted above, any other application(s) for patent for the Invention filed or to be filed pursuant to the Patent Cooperation Treaty, or in the United States of America, Canada and in any further countries worldwide arising from or related to the PCT International Application, including any and all divisional and continuation applications thereof, and any and all patents issued and which may be issued or re-issued for the Invention in the United States of America, Canada and in any further countries worldwide, together with the right to claim in respect of the United States of America, Canada and any further countries worldwide, the priority date of the PCT International Application or any further patent applications filed worldwide.

This Assignment shall enure to the benefit of and be binding upon the Inventors and Halliburton Energy Services, Inc. and our respective heirs, executors, administrators and assigns.

IN WITNESS WHEREOF I have caused this Assignment to be executed at Nisku, Alberta, Canada this 2nd day of DECEMBER, 2013.

SIGNED, SEALED AND DELIVERED

in the presence of:



(Witness)

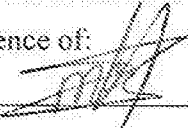


Mesfin Ayele Demissie

IN WITNESS WHEREOF I have caused this Assignment to be executed at Nisku, Alberta, Canada this 2nd day of DECEMBER, 2013.

SIGNED, SEALED AND DELIVERED

in the presence of:



(Witness)



Alben D Silva

AFFIDAVIT OF EXECUTION

CANADA) I, ALBEN D'SILVA
PROVINCE OF ALBERTA) of the City of NISKU in the Province of
Alberta, Canada
TO WIT:) make oath and say:

1. That I was personally present and did see Mesfin Ayele Demissie named in the within instrument, who is personally known to me to be the person named therein, duly sign, seal and execute the same for the purpose named therein.

2. That the same was executed at the City of NISKU in the Province of Alberta, and that I am the subscribing witness thereto.

3. That I know the said Mesfin Ayele Demissie who is in my belief of the full age of eighteen years.

SWORN before me at NISKU)
in the Province of Alberta this 2)
day of Dec, 2013.)

Gloria Dawson)
A COMMISSIONER FOR OATHS IN AND)
FOR THE PROVINCE OF ALBERTA)

[Signature])
Witness)

GLORIA DAWSON
COMMISSIONER FOR OATHS
FOR THE PROVINCE OF ALBERTA
COMMISSION EXPIRES MAY 28, 2016

AFFIDAVIT OF EXECUTION

CANADA) I. Meston Demissie
PROVINCE OF ALBERTA) of the City of Nisku in the Province of
Alberta, Canada
TO WIT:) make oath and say:

1. That I was personally present and did see Alben D'Silva named in the within instrument, who is personally known to me to be the person named therein, duly sign, seal and execute the same for the purpose named therein.

2. That the same was executed at the City of Nisku in the Province of Alberta, and that I am the subscribing witness thereto.

3. That I know the said Alben D'Silva who is in my belief of the full age of eighteen years.

SWORN before me at Nisku)
in the Province of Alberta this 2)
day of Dec, 2013.)

Gloria Dawson)
A COMMISSIONER FOR OATHS IN AND)
FOR THE PROVINCE OF ALBERTA)

[Signature])
Witness)

GLORIA DAWSON
A COMMISSIONER FOR OATHS
IN AND FOR THE PROVINCE OF ALBERTA
MY COMMISSION EXPIRES MAY 26, 2016