# 505397176 03/27/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
AHSAN SHAHID	03/25/2019
HYPPOLITE KUISSI	03/26/2019

#### **RECEIVING PARTY DATA**

Name:	CATERPILLAR GLOBAL MINING EQUIPMENT LLC
Street Address:	3501 S. FM HWY 1417
City:	DENISON
State/Country:	TEXAS
Postal Code:	75020

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	16366468	

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	00152-8039-00000
NAME OF SUBMITTER:	ROLAND G. MCANDREWS
SIGNATURE:	/Roland G. McAndrews/
DATE SIGNED:	03/27/2019

#### **Total Attachments: 3**

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PATENT 505397176 REEL: 048717 FRAME: 0669

JOINT INVENTION (Worldwide Rights)

Attorney Docket No.: 00152-8039-00000

Client Ref. No. 18-1039-70250

#### ASSIGNMENT

WHEREAS We, the below named inventor(s), hereinafter referred to as Assignor(s), have made an invention entitled:

# AUTOMATIC DRILL PIPE COUPLING DETECTION CONTROL SYSTEM

for which We will or have filed a patent application; and

WHEREAS, Caterpillar Global Mining Equipment LLC, a corporation of Delaware whose post office address is 3501 S. FM Hwy 1417, Denison, Texas 75020, U.S.A. (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, and in and to the patent application for this invention and any and all patents to be issued upon this application throughout the world;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged. We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all patents which may be granted thereon, and all reissues thereof, as well as all rights to claim priority in any country or jurisdiction or patent office on the basis of this application, and all applications for patents which may hereafter be filed for this invention in any country or jurisdiction or patent office and all patents which may be granted on this invention in any country or jurisdiction or patent office, and all extensions, renewals, and reissues thereof; and We hereby authorize and request any official of any country or jurisdiction or patent office whose duty it is to issue patents on applications as described above, to issue all patents for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in any country or jurisdiction or patent office, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

AND, W	E HEREBY authoriz	e the attorneys/repre	sentatives that WE I	have empowered to pro	secute this
application to ins	sert here in parenthe	ses the country, app	lication number, and	official filing date (US	
Application No	16/366,468 , file	d March 27,2019	<b>)</b> .	and the same of th	<del></del>

IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. FULL NAME OF FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Ahsan SHAHID	Augus Stephied	03/25/2019
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JOINT INVENTION (Worldwide Rights) Attorney Docket No.: 00152-8039-00000 Client Ref. No. 18-1039-70250

1. WITNESS NAME	T	
	WITNESS SIGNATURE	DATE
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JOINT INVENTION

(Worldwide Rights)

Attorney Docket No.: 00152-8039-00000

Client Ref. No. 18-1039-70250

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PATENT REEL: 048717 FRAME: 0672

**RECORDED: 03/27/2019**