505658210 09/06/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

on v1.1 EPAS ID: PAT5705015

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CATERPILLAR GLOBAL MINING LLC	09/03/2019

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:	16204529

CORRESPONDENCE DATA

Fax Number: (202)450-5538

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.

Email: dlawson@bomcip.com

Correspondent Name: BOOKOFF MCANDREWS, PLLC

Address Line 1: 2020 K STREET NW

Address Line 2: SUITE 400

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	00152-8899-00000	
NAME OF SUBMITTER:	ROLAND G. MCANDREWS	
SIGNATURE:	/Roland G. McAndrews/	
DATE SIGNED:	09/06/2019	

Total Attachments: 1

source=2019-09-06 Executed Assignment Caterpillar Global Mining Equipment LLC 00433464#page1.tif

PATENT 505658210 REEL: 050290 FRAME: 0423

<u>ASSIGNMENT</u>

WHEREAS, Caterpillar Global Mining LLC, a Delaware corporation having a place of business at Tucson, State of Arizona, United States of America, hereinafter referred to as ASSIGNOR is the owner of a new and useful

AUTOMATED DRILL CONTROL SYSTEM FOR A MOBILE DRILLING MACHINE

for which ASSIGNOR has made application for Letters Patent in the United States of America, such invention being described and identified by said application identified as Application No. 16/204529, filed November 29, 2018; and

WHEREAS, Caterpillar Global Mining Equipment LLC, a Delaware corporation having a place of business at Denison, State of Texas, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE;

- 1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.
- ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Global Mining Equipment LLC.
- This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

CATERPILLAR GLOBAL MINING LLC

By: Matthew S. Filer

Sr. Business Resource Manager, Treasurer

SEPTEMBER 3, 2019

18-0899-70027

PATENT REEL: 050290 FRAME: 0424

RECORDED: 09/06/2019