504165720 01/05/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4212397

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM R. WEBER	04/02/2015

RECEIVING PARTY DATA

Name:	CATERPILLAR GLOBAL MINING LLC	
Street Address:	6744 S. HOWELL AVENUE	
City:	OAK CREEK	
State/Country:	WISCONSIN	
Postal Code:	53154	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15324172

CORRESPONDENCE DATA

Fax Number: (202)408-4400

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: 202-408-4000

Email: faxserve@finnegan.com

Correspondent Name: CATERPILLAR/FINNEGAN, HENDERSON L.L.P.

Address Line 1: 901 NEW YORK AVENUE, N.W. Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	08350.2478-00000
NAME OF SUBMITTER:	MITTY A. WATTERS
SIGNATURE:	/MITTY A. WATTERS/
DATE SIGNED:	01/05/2017

Total Attachments: 2

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PATENT 504165720 REEL: 040863 FRAME: 0929

SOLEJJOINT INVENTION (Worldwide Rights) Attorney Docket No. GLM337-23620E Client Ref. No. 14-0556

ASSIGNMENT

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

SCRAPING ELEMENTS FOR DRIVE UNITS OF UNDERGROUND MINING APPLICATIONS

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

WHEREAS. Caterpillar Global Mining LLC, a corporation of The United States of America whose post office address is 6744 S. Howell Avenue, Oak Creek, Wisconsin 53154, USA (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, I/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, my/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 patents which may be granted on 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 patents which may be granted on this invention in 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, IWE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/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, I/WE HER	EBY authorize the attorr	neys/representative:	s that I/WE have empow	ered to prosecute this
application to insert here	in parentheses the cou	ntry, application nur	nber, and official filing da	ate (
Application No.	, filed	λ.		· · · · · · · · · · · · · · · · · · ·
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IN TESTIMONY	WHEREOF, I/WE have	hereunto set our ha	ends	

Page 1 of 2

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. **GLM337-23620E** Client Ref. No. **14-0556**

1. FULL NAME OF ASSIGNOR William R. Weber	assignor's signature	DATE
ADDRESS 3167 Morningside Dr., Allison P	ark, Pennsylvania 15101, U.S.A.	CITIZENSHIF //S
1. WITHERS NAME ALFOCK W/48	HELD SHOW WITH A SHOW AND A SHOW A SHOW AND	DATE 2 - 4 - 15 - 15 - 15 - 15
ADDRESS /25 Syrigh-said	-D- VZSZMA PA 153	47 CHIZENSHIP DJ-A
2 MINESS MAINE PARTY OF S	VIPPLESS SIGNATURE	DATE 2-4-15
ADDRESS**********************************	2010/10/10/10/10/10/10/10/10/10/10/10/10/	спіхенянір