503399603 07/20/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3446228

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASON J. TROTNOW	03/03/2015
GURBACHAN S. BUMRAW	02/23/2015

RECEIVING PARTY DATA

Name: CATERPILLAR GLOBAL MINING AMERICA LLC	
Street Address: 2045 WEST PIKE STREET	
City:	HOUSTON
State/Country:	PENNSYLVANIA
Postal Code:	15324-1010

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14634292

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: FINNEGAN & HENDERSON

Address Line 1: 901 NEW YORK AVENUE, NW

Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	08350.1799-00000
NAME OF SUBMITTER:	VIRGINIA MCNELIS-CLARK
SIGNATURE:	/Virginia McNelis-Clark/
DATE SIGNED:	07/20/2015

Total Attachments: 4

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PATENT 503399603 REEL: 036136 FRAME: 0821

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.1799-00000 Client Ref. No. 15-0049

ASSIGNMENT

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

HOIST DRUM FOR POWER SHOVEL

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

WHEREAS, Caterpillar Global Mining America LLC, a corporation of Delaware whose post office address is 2045 West Pike Street, Houston, PA 15324-1010 (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;

AND, I/WE 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 caths 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 HEREBY authorize the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (14/634, 292), filed 02/27/2015

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

FULL NAME OF SOLE OR FIRST ASSIGNOR Jason J. TROTNOW	ASSIGNOR'S SIGNATURE	3/3/15
ADDRESS 1902 S. 94 th St, West Allis, WI 53227		CITIZENSHIP USA

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. **08350.1799-00000** Client Ref. No. **15-0049**

1. WITNESS NAME	WITNESS SIGNATURE	DATE
Brian Niggemann	Bir Hydrian	3/3/15
Brian Viggemann Bi-7/gjinn		GITIZÉNSHIP U.S.
Racine WI 53402		
2. WITNESS NAME	WITNESS SIGNATURE	DATE
Chris Wanasek	Chris Wangsol	3/3/15
6044 S. Loomis RL		CITIZENSHIP U.S.
Norway , WI 53/85		
1. FULL NAME OF SECOND ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Gurbachan S. BUMRAW		
ADDRESS 3563 W. Sherwood Dr, Franklin, WI 53132		CITIZENSHIP CANADA
P	7	
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.1799-00000 Cilent Ref. No. 15-0049

ASSIGNMENT

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

HOIST DRUM FOR POWER SHOVEL

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

WHEREAS, Caterpillar Global Mining America LLC, a corporation of **Delaware** whose post office address is **2045 West Pike Street**, Houston, PA 16324-1010 (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 Assignes 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, titte, and interest in and to this invention, previsional application Serial No..., filed...., 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 extensions, renewals, and reissues thereof; and I/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, I/WE 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 paths 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;

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Jason J. TROTNOW		
ADDRESS 1902 S. 94" St, West Allis, WI 53227		CITIZENSHIP USA

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.1799-00000 Client Ref. No. 15-0049

1. WITNESS NAME	WITNESS SIGNATURE	DATE	
ADDRESS		CITIZENSHIP	
2. WITNESS NAME	WITNESS SIGNATURE	DATE	
ADDRESS		CITIZENSHIP	
Full name of second assignor Gurbachan S. BUMRAW	ACSESHORS SHEVATURE LINAJAMA EA	DATE 2/23/2015	
Appress 3563 W. Sherwood Dr, Franklin, WI 53132		CITIZENSHIP CANADA	
1. WITNESS NAME	WITNESS SIGNATURE	DATE	
Brian C. King	Gran C. Lug	2-23-2015	
ADDRESS 3534 North 97th Stree	t	CITIZENSHIP USA	
Milwaukee, WI 53222			
2 WITNESS NAME	WITNESS SIGNATURE	DATE 2 /72 /22/	
DAN BOZICH ADDRESS N 61st St		CITIZENSHIP	
Milya. boo W 532/2		<u> </u>	