502167741 12/18/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Saeid Mirzaei	12/14/2012

RECEIVING PARTY DATA

Name:	Caterpillar Global Mining LLC	
Street Address:	6744 South Howell Avenue	
City:	Oak Creek	
State/Country:	WISCONSIN	
Postal Code:	53202	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13718462

CORRESPONDENCE DATA

Fax Number: 2026725399

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 414-271-2400

Email: IPDocketing@foley.com, mmathes@foley.com

Correspondent Name: John M. Lazarus

Address Line 1: 3000 K Street N.W., Suite 600 Address Line 2: FOLEY & LARDNER LLP

Address Line 4: Washington, DISTRICT OF COLUMBIA 20007-5109

ATTORNEY DOCKET NUMBER: 017330-0757

NAME OF SUBMITTER: John M. Lazarus

Total Attachments: 2

source=017330-0757_Assign#page1.tif source=017330-0757_Assign#page2.tif

PATENT REEL: 029493 FRAME: 0943 OF \$40.00 13/1846Z

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 017330-0757 Client Ref. No. 12-2408

ASSIGNMENT

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

MOTOR PROTECTION SYSTEM

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

WHEREAS, Caterpillar Global Mining LLC, a corporation of United States of America whose post office address is 6744 South Howell Avenue, Oak Creek, Wisconsin 53145 (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 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 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 HEREBY authorize Assignee or the attorneys/representatives of Assignee to insert here in

parentheses the country, application number, and official filing date (Application No filed). IN TESTIMONY WHEREOF, I/We have hereunto set our hands.				
FULL NAME OF SOLE OR FIRST ASSIGNOR Saeid Mirzaei	assignor's signature Sociel W. Li	DATE 12/14/2012		
ADDRESS 5951 Teakwood Drive, Greendale, Wisconsin 53129		CITIZENSHIP U.S.		

Page 1 of 2 4847-3907-5858.1

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 017330-0757 Client Ref. No. 12-2408

1. WITNESS NAME	WITNESS SIGNATURE	DATE
Donna Laube	Donna K Laube	12/14/2012
ADDRESS 573 W14088 Se Hler Way,	CITIZENSHIP USA	
Control of the contro		
2. WITNESS NAME	WITNESS SIGNATURE	DATE
BALU NATARAJAN	Bank	12/14/12
Aboress W Sharon La	, Franklin, WIS2131	CITIZENSHIP USA

Page 2 of 2 4847-3907-5858.1

RECORDED: 12/18/2012

PATENT REEL: 029493 FRAME: 0945