

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alois Poettker</td> <td>05/14/2013</td> </tr> <tr> <td>Timo Diekmann</td> <td>05/14/2013</td> </tr> <tr> <td>Samuel C. Taylor</td> <td>05/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Alois Poettker	05/14/2013	Timo Diekmann	05/14/2013	Samuel C. Taylor	05/15/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Caterpillar Global Mining Equipment LLC</td> </tr> <tr> <td>Street Address:</td> <td>1100 Milwaukee Avenue, P.O. Box 500</td> </tr> <tr> <td>City:</td> <td>South Milwaukee</td> </tr> <tr> <td>State/Country:</td> <td>WISCONSIN</td> </tr> <tr> <td>Postal Code:</td> <td>53172-0500</td> </tr> </table>		Name:	Caterpillar Global Mining Equipment LLC	Street Address:	1100 Milwaukee Avenue, P.O. Box 500	City:	South Milwaukee	State/Country:	WISCONSIN	Postal Code:	53172-0500
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number:	2026725399										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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 4:	Washington, DISTRICT OF COLUMBIA 20007-5109										
ATTORNEY DOCKET NUMBER:	017330-0788										
NAME OF SUBMITTER:	John M. Lazarus										
Signature:	/John M. Lazarus/										
Date:	05/16/2013										

OP \$40.00 13895625

PATENT

Total Attachments: 6

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ASSIGNMENT

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

REMOTE CONTROL SYSTEM FOR DRILL

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

WHEREAS, **Caterpillar Global Mining Equipment LLC**, a corporation of the **United States of America** whose post office address is **1100 Milwaukee Avenue, P.O. Box 500, South Milwaukee, WI 53172-0500** (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;

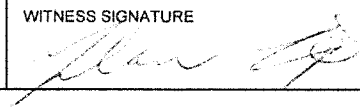
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver 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;

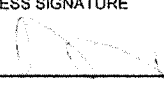
AND, I/WE HEREBY authorize Assignee or the attorneys/representatives of Assignee to insert here in parentheses the country, application number, and official filing date (_____ Application No. _____, filed _____).

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

1. FULL NAME OF FIRST ASSIGNOR Alois Poettker	ASSIGNOR'S SIGNATURE <i>Alois Poettker</i>	DATE 14.05.2012
ADDRESS <i>Willi-Kottmann-Str. 4, 88730 Fröndenberg</i>	CITIZENSHIP <i>Germany</i>	

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 017330-0788
Client Ref. No. 13-0269

1. WITNESS NAME <i>Johann Lintz</i>	WITNESS SIGNATURE 	DATE <i>19-MAY-2013</i>
ADDRESS <i>Kerner Grand 5</i>	CITIZENSHIP <i>German</i>	
<i>44 743 Dortmund</i>		

2. WITNESS NAME <i>Donald J. G. H.</i>	WITNESS SIGNATURE 	DATE <i>19-MAY-2013</i>
ADDRESS <i>Karl-Haus-Straße 78</i>	CITIZENSHIP <i>German</i>	
<i>44 743 Dortmund</i>		

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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;

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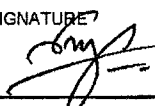
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver 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;

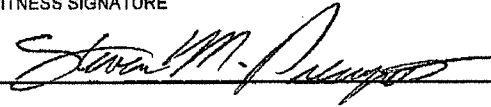
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IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF SECOND ASSIGNOR Timo Diekmann	ASSIGNOR'S SIGNATURE <i>Timo Diekmann</i>	DATE 05/14/2013
ADDRESS Heinrichstr. 5, Castrop-Rauxel, 44575, Germany		CITIZENSHIP Germany

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 017330-0788
Client Ref. No. 13-0269

1. WITNESS NAME VIN VARGHESE	WITNESS SIGNATURE 	DATE 5/14/13
ADDRESS 5806 WATERFORD LN, MCKINNEY, TX, 75071		CITIZENSHIP USA

2. WITNESS NAME STEVEN M. PRECORIA	WITNESS SIGNATURE 	DATE 5/14/2013
ADDRESS 1609 TIMBERLINE LANE, SHERMAN, TX. 75092		CITIZENSHIP U.S.A

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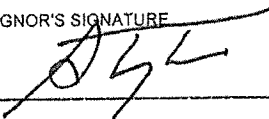
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, 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;

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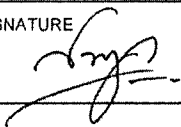
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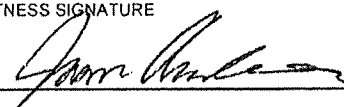
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IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF THIRD ASSIGNOR Samuel C. Taylor	ASSIGNOR'S SIGNATURE 	DATE 15th MAY 13.
ADDRESS 5271 Kings Highway, Bungendore, New South Wales, 2621, Australia		CITIZENSHIP Australia

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 017330-0788
Client Ref. No. 13-0269

1. WITNESS NAME VIN VARGHESE	WITNESS SIGNATURE 	DATE 5/14/13
ADDRESS 5805 WATERFORD LN, MCKINNEY, TX 75071		CITIZENSHIP USA

2. WITNESS NAME Jason Andrews	WITNESS SIGNATURE 	DATE 5/14/13
ADDRESS 268 Beachview Cir Pittsboro, TX 75076		CITIZENSHIP USA