

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>Joseph A. Thoreson</td> <td>07/12/2013</td> </tr> <tr> <td>Jeffrey A. Brush</td> <td>07/12/2013</td> </tr> <tr> <td>Seth J. Redenbo</td> <td>07/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	Joseph A. Thoreson	07/12/2013	Jeffrey A. Brush	07/12/2013	Seth J. Redenbo	07/08/2013				
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<table border="1"> <tr> <td>Name:</td> <td>Caterpillar Inc.</td> </tr> <tr> <td>Street Address:</td> <td>100 NE Adams Street</td> </tr> <tr> <td>Internal Address:</td> <td>AH 9510</td> </tr> <tr> <td>City:</td> <td>Peoria</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>61629</td> </tr> </table>		Name:	Caterpillar Inc.	Street Address:	100 NE Adams Street	Internal Address:	AH 9510	City:	Peoria	State/Country:	ILLINOIS	Postal Code:	61629
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CORRESPONDENCE DATA													
Fax Number: 3096751236 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 309-675-5140 Email: US_Docket_Clerk@cat.com Correspondent Name: Caterpillar Inc. Intellectual Property D Address Line 1: 100 NE Adams Street Address Line 2: AH 9510 Address Line 4: PEORIA, ILLINOIS 61629-9510													
ATTORNEY DOCKET NUMBER:	13-0289												
NAME OF SUBMITTER:	Kelly A. Umholtz												
Signature:	/Kelly A. Umholtz/												

PATENT

Date:

07/24/2013

Total Attachments: 3

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ASSIGNMENT

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

ATTITUDE DISPLAY SYSTEM FOR REMOTELY OPERATED MACHINE

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

WHEREAS, **Caterpillar Inc.**, a corporation of Delaware, whose post office address is **100 NE Adams Street, Peoria, IL 61629, United States of America** (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 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 (_____ Application No. _____, filed _____).

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR JOSEPH A. THORESON	ASSIGNOR'S SIGNATURE 	DATE 7/12/2013
ADDRESS 11316 North Columbine Drive, Dunlap, IL 61525		CITIZENSHIP US

1. WITNESS NAME <i>Marcia Daniel Spilman</i>	WITNESS SIGNATURE <i>M. Daniel Spilman</i>	DATE <i>7/12/13</i>
ADDRESS <i>11205 Jonathan's Way Dunlap IL 61525</i>		CITIZENSHIP <i>US</i>

2. WITNESS NAME <i>Kristen A. Gerstner</i>	WITNESS SIGNATURE <i>Kristen A. Gerstner</i>	DATE <i>7/12/13</i>
ADDRESS <i>10820 N. Overton St. Peoria, IL 61615</i>		CITIZENSHIP <i>US</i>

2. FULL NAME OF SECOND ASSIGNOR, IF ANY JEFFREY A. BRUSH	ASSIGNOR'S SIGNATURE <i>Jeffrey A. Brush</i>	DATE <i>7/12/2013</i>
ADDRESS <i>1603 West Timberdale Drive, Dunlap, IL 61525</i>		CITIZENSHIP <i>US</i>

1. WITNESS NAME <i>Marcia Daniel Spilman</i>	WITNESS SIGNATURE <i>M. Daniel Spilman</i>	DATE <i>7/12/13</i>
ADDRESS <i>11205 Jonathan's Way Dunlap IL 61525</i>		CITIZENSHIP <i>US</i>

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SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No.
Client Ref. No. 13-0289

3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
SETH J. REDENBO	<i>Seth J. Redenbo</i>	7-8-2013
ADDRESS		CITIZENSHIP
570 Kennedy Dr, Metamora, IL 61548		US

1. WITNESS NAME	WITNESS SIGNATURE	DATE
BRIAN G. FUNKE	<i>Brian G. Funke</i>	7/8/13
ADDRESS		CITIZENSHIP
702 N. LIMESTONE LANE PEORIA, IL 61604		USA

2. WITNESS NAME	WITNESS SIGNATURE	DATE
Jeff Aliz	<i>Jeff Aliz</i>	7/8/13
ADDRESS		CITIZENSHIP
501 Justice Road Metamora IL 61549		USA