

PATENT ASSIGNMENT COVER SHEET

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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>JEAN-JACQUES CLAR</td> <td>01/13/2014</td> </tr> <tr> <td>TROY KENNETH BECICKA</td> <td>01/09/2014</td> </tr> <tr> <td>MICHAEL ALLEN TAYLOR</td> <td>01/08/2014</td> </tr> <tr> <td>ROBERT JASON MCGEE</td> <td>01/09/2014</td> </tr> </tbody> </table>		Name	Execution Date	JEAN-JACQUES CLAR	01/13/2014	TROY KENNETH BECICKA	01/09/2014	MICHAEL ALLEN TAYLOR	01/08/2014	ROBERT JASON MCGEE	01/09/2014
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>CATERPILLAR INC.</td> </tr> <tr> <td>Street Address:</td> <td>100 N.E. ADAMS STREET</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>61629-9510</td> </tr> </table>		Name:	CATERPILLAR INC.	Street Address:	100 N.E. ADAMS STREET	City:	PEORIA	State/Country:	ILLINOIS	Postal Code:	61629-9510
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CORRESPONDENCE DATA											
<p>Fax Number: (202)408-4400</p> <p>Phone: 2024084000</p> <p>Email: sheryl.hardy@finnegan.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: NICHOLAS CERULLI</p> <p>Address Line 1: 901 NY AVE NW</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20001</p>											
ATTORNEY DOCKET NUMBER:	08350.1198-00000										
NAME OF SUBMITTER:	NICHOLAS CERULLI										
Signature:	/Nicholas Cerulli/										

Date:

01/13/2014

Total Attachments: 5

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ASSIGNMENT

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

TERRAIN MAPPING SYSTEM USING VIRTUAL TRACKING FEATURES

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 N.E. Adams Street, Peoria, IL 61629-9510 (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;

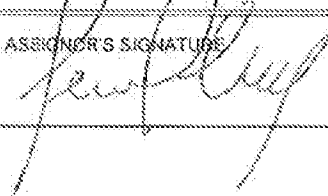
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns,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

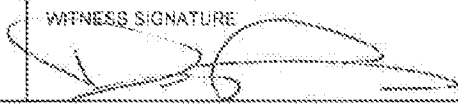
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

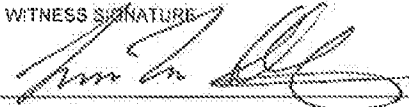
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver 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 SOLE OR FIRST ASSIGNOR Jean-Jacques Clar	ASSIGNOR'S SIGNATURE 	DATE 01/10/2015
ADDRESS 1201 W. Merkel Lane		CITIZENSHIP CANADA
Edelstein, IL 61526		

1. WITNESS NAME <i>Dan Dunn</i>	WITNESS SIGNATURE 	DATE <i>1/13/14</i>
ADDRESS <i>2326 W. Molly Ln, Duquoin, IL 61525</i>		CITIZENSHIP <i>US</i>

2. WITNESS NAME <i>Jason Smallenberger</i>	WITNESS SIGNATURE 	DATE <i>1/13/2014</i>
ADDRESS <i>110 S. Rhode Island Ave, Morton, IL, 61550</i>		CITIZENSHIP <i>US</i>

2. FULL NAME OF SECOND ASSIGNOR, IF ANY <i>Troy Kenneth Becicka</i>	ASSIGNOR'S SIGNATURE	DATE
ADDRESS <i>872 E. Ashburn Mountain Drive</i>		CITIZENSHIP <i>USA</i>
<i>Sahuarita, AZ 85629</i>		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

1. WITNESS NAME <i>Aaron J. Cook</i>	WITNESS SIGNATURE <i>Aaron J. Cook</i>	DATE <i>1-9-14</i>
ADDRESS <i>1045 EMPIRE CANYON LANE</i>		CITIZENSHIP <i>U.S.</i>
<i>Sahuarita, AZ 85629</i>		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. FULL NAME OF SECOND ASSIGNOR, IF ANY <i>Troy Kenneth Becicka</i>	ASSIGNOR'S SIGNATURE <i>Troy K Becicka</i>	DATE <i>1/9/14</i>
ADDRESS <i>872 E. Ashburn Mountain Drive</i>		CITIZENSHIP <i>USA</i>
<i>Sahuarita, AZ 85629</i>		

1. WITNESS NAME <i>Brian C. McElwain</i>	WITNESS SIGNATURE <i>Brian C. McElwain</i>	DATE <i>1-9-14</i>
ADDRESS <i>6285 E Camino Pajarito Doble</i>		CITIZENSHIP <i>U.S.A.</i>
<i>Sahuarita, AZ 85629</i>		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Michael Allen Taylor	ASSIGNOR'S SIGNATURE <i>Michael Taylor</i>	DATE 1-8-14
ADDRESS 7503 W. Hutchinson Ave.		CITIZENSHIP USA
Swissvale, PA 15218		

1. WITNESS NAME <i>BARRY MICHAEL STOUTS</i>	WITNESS SIGNATURE <i>Barry Michael Stout</i>	DATE 1-8-14
ADDRESS 473 POPLAR ST.		CITIZENSHIP USA
VERONA, PA 15147		
2. WITNESS NAME <i>Paul Edmund Rybski</i>	WITNESS SIGNATURE <i>Paul E Rybski</i>	DATE 1-8-14
ADDRESS 522 Gettysburg St.		CITIZENSHIP USA
Pittsburgh, PA 15206		

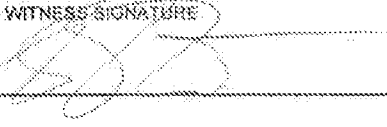
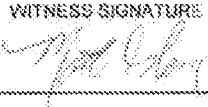
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Robert Jason McGee	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 5704 N. Woodlawn Court		CITIZENSHIP USA
Peoria, IL 61614		

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Peoria, IL 61614		

1. WITNESS NAME Matthew Daniel Fike	WITNESS SIGNATURE 	DATE 1-9-14
ADDRESS 4921 N. Texas Rd.		CITIZENSHIP USA
Elmwood, IL 61529		
2. WITNESS NAME Matt Glover	WITNESS SIGNATURE 	DATE 2/10/2014
ADDRESS 6337 Concord, Ct.		CITIZENSHIP USA
Edward, IL 61828		