

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Mircea DUMITRU</td> <td>08/02/2012</td> </tr> <tr> <td>Thomas John Yaniak</td> <td>08/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mircea DUMITRU	08/02/2012	Thomas John Yaniak	08/03/2012						
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Mircea DUMITRU	08/02/2012												
Thomas John Yaniak	08/03/2012												
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>Internal Address:</td> <td>Intellectual Property Department</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	Internal Address:	Intellectual Property Department	City:	Peoria	State/Country:	ILLINOIS	Postal Code:	61629-9510
Name:	Caterpillar Inc.												
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PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13568652</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13568652								
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Application Number:	13568652												
CORRESPONDENCE DATA													
Fax Number:	2024084400												
Phone:	202-408-4000												
Email:	fosterk@finnegan.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	CATERPILLAR/FINNEGAN, HENDERSON, L.L.P.												
Address Line 1:	901 New York Avenue, NW												
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20001-4413												
ATTORNEY DOCKET NUMBER:	08350.0576-00000												
NAME OF SUBMITTER:	Karen Foster												
Total Attachments: 5 source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif source=assignment#page4.tif source=assignment#page5.tif													

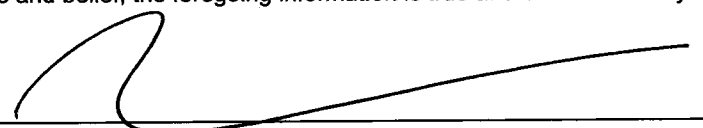
OP \$40.00 13568652

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08350.0576

**To the Director of the U.S. Patent and Trademark Office:
Please record the attached original documents or copy thereof.**

Mail Stop Assignment Recordation Services

1. Name of conveying party(ies): Mircea DUMITRU Thomas John YANIAK		2. Name and address of receiving party(ies): Name: Caterpillar Inc.	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address: Intellectual Property Department	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9494, Confirmatory License <input type="checkbox"/> Other:		Street Address: 100 N.E. Adams Street	
		City: Peoria	
Execution Date: M. Dumitru-Aug. 2, 2012; T. Yaniak-Aug. 3-2012		State: IL Zip Code: 61629-9510	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: M. Dumitru-Aug. 2, 2012; T. Yaniak-Aug. 3, 2012		Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
A. Patent Application Number(s): Not Assigned		B. Patent Number(s): [Text]	
Additional numbers attached?		<input type="checkbox"/> Yes <input type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: 1	
Name: Philip J. Hoffmann (202) 408-4000		7. Total fee (37 CFR 1.21(h) and 3.41): \$40 <input checked="" type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916) <input type="checkbox"/> Authorized to be charged to deposit account	
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.			
Street Address: 901 New York Avenue, N.W.			
City: Washington, D.C.			
State: Zip: 20001-4413		8. Deposit Account No.: <u>06-0916</u>	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
Signed: 		August 7, 2012 Date	
Philip J. Hoffmann			
Total number of pages including cover sheet, attachments and documents: 5			

6/2007

ASSIGNMENT

WHEREAS we, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

TRACK PIN RETENTION SYSTEM AND METHOD

for which we executed an application for United States Letters Patent herewith; and

WHEREAS, Caterpillar Inc., a corporation of Delaware, whose post office address is Intellectual Property Department, 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 in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

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

AND, we HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to 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 the United States and any foreign country, 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, we have hereunto set my hand, as witnessed below.

FULL NAME OF SOLE OR FIRST ASSIGNOR Mircea Dumitru	ASSIGNOR'S SIGNATURE <i>Mircea Dumitru</i>	DATE 8/2/2012
ADDRESS 1424 Aspen Dr., Washington, IL 61571		CITIZENSHIP ROMANIA
1. WITNESS NAME Matthew Trone	WITNESS SIGNATURE <i>Matthew Trone</i>	DATE 8/2/2012
ADDRESS 11437 Fuellberth Rd, Pekin IL, 61554		CITIZENSHIP U.S.
2. WITNESS NAME David Hakes	WITNESS SIGNATURE <i>David Hakes</i>	DATE 8/2/2012
ADDRESS 11420 Chase Ln, Bloomfield IL, 61517		CITIZENSHIP U.S.

FULL NAME OF SECOND ASSIGNOR Thomas John Yaniak	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 609 Evergreen Drive, Washington, IL 61571		CITIZENSHIP USA
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

ASSIGNMENT

WHEREAS we, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

TRACK PIN RETENTION SYSTEM AND METHOD

for which we executed an application for United States Letters Patent herewith; and

WHEREAS, Caterpillar Inc., a corporation of Delaware, whose post office address is Intellectual Property Department, 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 in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;


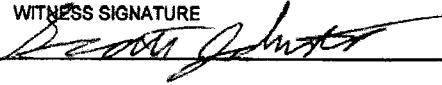
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

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

AND, we HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to 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 the United States and any foreign country, 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, we have hereunto set my hand, as witnessed below.

FULL NAME OF SOLE OR FIRST ASSIGNOR Mircea Dumitru		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1424 Aspen Dr., Washington, IL 61571			CITIZENSHIP ROMANIA
1. WITNESS NAME	WITNESS SIGNATURE		DATE
ADDRESS			CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE		DATE
ADDRESS			CITIZENSHIP

FULL NAME OF SECOND ASSIGNOR Thomas John Yaniak		ASSIGNOR'S SIGNATURE 	DATE 3-AUG-2012
ADDRESS 609 Evergreen Drive, Washington, IL 61571			CITIZENSHIP USA
1. WITNESS NAME Scott Johnson	WITNESS SIGNATURE 		DATE 8/3/2012
ADDRESS 1219 Bath Ct E. Peoria IL 61611			CITIZENSHIP USA
2. WITNESS NAME Thomas E. Clements	WITNESS SIGNATURE Thomas E Clements		DATE 03 Aug 2012
ADDRESS 3637 W Breawick Peoria IL 61614			CITIZENSHIP USA