

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3550547

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MATTHEW MICHAEL TINKER	09/29/2015
MATHEW D. GULDAN	09/30/2015
CHINTAN GOVINDBHAI KOTHARI	09/25/2015
BRADLEY JOHN WILL	09/25/2015
TIMOTHY ALAN LORENTZ	09/25/2015
RECEIVING PARTY DATA	
Name:	CATERPILLAR INC.
Street Address:	100 N.E. ADAMS STREET
Internal Address:	INTELLECTUAL PROPERTY DEPARTMENT
City:	PEORIA
State/Country:	ILLINOIS
Postal Code:	61629-9510
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14871438
CORRESPONDENCE DATA	
Fax Number:	(202)408-4400
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	202-408-4000
Email:	faxserve@finnegan.com
Correspondent Name:	CATERPILLAR/FINNegan, HENDERSON, L.L.P.
Address Line 1:	901 NEW YORK AVENUE, NW
Address Line 4:	WASHINGTON, D.C. 20001-4413
ATTORNEY DOCKET NUMBER:	08350.2015-00000
NAME OF SUBMITTER:	VIRGINIA MCNELIS-CLARK
SIGNATURE:	/Virginia McNelis-Clark/
DATE SIGNED:	09/30/2015
Total Attachments: 8	

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ASSIGNMENT

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

TRANSMISSION SYSTEM IMPLEMENTING AUTOMATED DIRECTIONAL SHIFT BRAKING

for which I/We will or have filed a patent application; 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, 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, provisional application Serial No. _____, filed _____, 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;


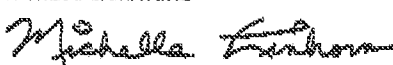
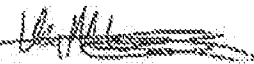
AND, I/WE HEREBY authorize the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (_____, filed _____).

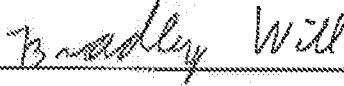
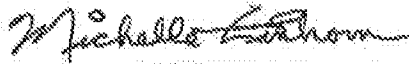

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

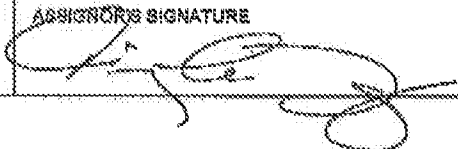

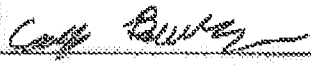
1. FULL NAME OF SOLE OR FIRST ASSIGNOR Matthew Michael TINKER	ASSIGNOR'S SIGNATURE <i>Matthew Michael Tinker</i>	DATE <i>9-29-2015</i>
ADDRESS 3539 West Mary Knoll Court, Peoria, IL 61615		CITIZENSHIP USA

1. WITNESS NAME <i>Michael Adam Weber</i>	WITNESS SIGNATURE <i>[Signature]</i>	DATE <i>9/29/2015</i>
ADDRESS <i>2112 W. Case Creek Dr., Peoria IL 61615</i>		CITIZENSHIP
2. WITNESS NAME <i>Luke Robert Sheley</i>	WITNESS SIGNATURE <i>[Signature]</i>	DATE <i>9/29/2015</i>
ADDRESS <i>7032 N. Apple St. Peoria, IL 61614</i>		CITIZENSHIP <i>USA</i>

2. FULL NAME OF SECOND ASSIGNOR Mathew D. GULDAN	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 260 East Far Hills Drive, East Peoria, IL 61611		CITIZENSHIP USA
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

3. FULL NAME OF THIRD ASSIGNOR Chintan Govindbhai KOTHARI		ASSIGNOR'S SIGNATURE 	DATE 09/25/2015
ADDRESS 3208 W Rosebury Lane, Dunlap, IL 61525		CITIZENSHIP INDIA	
1. WITNESS NAME Michelle Dawn Einhorn		WITNESS SIGNATURE 	DATE 9/25/15
ADDRESS 2519 W. Sesame Street Dunlap, IL 61525		CITIZENSHIP U.S.	
2. WITNESS NAME CHRISTOPHER MICHAEL GERTH		WITNESS SIGNATURE 	DATE 9/25/15
ADDRESS 2311 W. Willow Knolls Dr. APT 5B Peoria IL 61615		CITIZENSHIP U.S.	

4. FULL NAME OF FOURTH ASSIGNOR Bradley John WILL		ASSIGNOR'S SIGNATURE 	DATE 9/25/15
ADDRESS 319 N Kickapoo Terrace, Peoria, IL 61604		CITIZENSHIP USA	
1. WITNESS NAME Michelle Dawn Einhorn		WITNESS SIGNATURE 	DATE 9/25/15
ADDRESS 2519 W. Sesame Street Dunlap, IL 61525		CITIZENSHIP U.S.	
2. WITNESS NAME CHRISTOPHER MICHAEL GERTH		WITNESS SIGNATURE 	DATE 9/25/15
ADDRESS 2311 W. Willow Knolls Dr. Apt 5B Peoria IL 61615		CITIZENSHIP U.S.	

5. FULL NAME OF FIFTH ASSIGNOR Timothy Alan LORENTZ		ASSIGNOR'S SIGNATURE 	DATE 9-25-15
ADDRESS 83 Locust Ridge Court, Morton, IL 61550		CITIZENSHIP USA	
1. WITNESS NAME Jacob Kunowski		WITNESS SIGNATURE 	DATE 9-25-2015
ADDRESS 5524 Brookmere St Edwards, IL 61528		CITIZENSHIP USA	
2. WITNESS NAME Cody Buchner		WITNESS SIGNATURE 	DATE 9-25-2015
ADDRESS 1600 W. Blue Sage Dr. Apt 3214 Peoria, IL 61615		CITIZENSHIP USA	

ASSIGNMENT

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

TRANSMISSION SYSTEM IMPLEMENTING AUTOMATED DIRECTIONAL SHIFT BRAKING

for which I/We will or have filed a patent application; 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, 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, provisional application Serial No. _____, filed _____, 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 (_____, filed _____).

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Matthew Michael TINKER	ASSIGNOR'S SIGNATURE	DATE
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ADDRESS		CITIZENSHIP

1. FULL NAME OF SECOND ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
Mathew D. GULDAN 260 East Far Hills Drive, East Peoria, IL 61611		09/30/15 USA
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
ZACHARY S FRANKLIN 10417 W 4th Hwy, IL 61528		9/30/15 USA
3. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
Michael E. Neditt 117 Lynwood Road, Washington, IL 61571		9/30/15 USA

3. FULL NAME OF THIRD ASSIGNOR Chintan Govindbhai KOTHARI	ASSIGNOR'S SIGNATURE	DATE
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