

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3152552

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JONATHAN SEGER	11/24/2014
TERRIL JOHNSON	11/25/2014
CHRISTOPHER CHERWIN	11/26/2014
WILLIAM HOLDENER	11/25/2014
DAVID CAMPBELL	12/16/2014
RECEIVING PARTY DATA	
Name:	CATERPILLAR INC.
Street Address:	100 N.E. ADAMS STREET
City:	PEORIA
State/Country:	ILLINOIS
Postal Code:	61629
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	29512247
CORRESPONDENCE DATA	
Fax Number:	
<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:	301 585 8601
Email:	perry.saidman@designlawgroup.com
Correspondent Name:	CATERPILLAR INC./SAIDMAN DESIGNLAW GROUP
Address Line 1:	8601 GEORGIA AVENUE, SUITE 603
Address Line 4:	SILVER SPRING, MARYLAND 20910
ATTORNEY DOCKET NUMBER:	1607.034 (14-0511)
NAME OF SUBMITTER:	VISHVA PATEL
SIGNATURE:	/Vishva Patel/
DATE SIGNED:	12/17/2014
Total Attachments: 20	
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ASSIGNMENT

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

STEP

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, State of Illinois, 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;

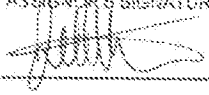
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns,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

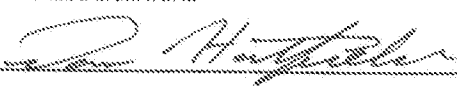
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

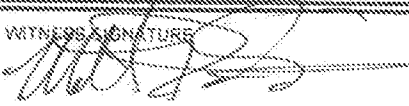
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver 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 Assignee or the attorneys/representatives of Assignee to insert here in parentheses the country, application number, and official filing date (U.S. Application No. _____, filed _____)

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Jonathan SEGER		11/24/2014
ADDRESS		CITIZENSHIP
Caterpillar Inc., 100 N.E. Adams St.		US
Peoria, IL USA		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
Dan Hatfield		11/24/14
ADDRESS		CITIZENSHIP
Caterpillar Inc. 100 N.E. Adams St.		US
Peoria IL USA		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
Matthew DeSanto		11/24/14
ADDRESS		CITIZENSHIP
Caterpillar Inc. 100 N.E. Adams St.		US
Peoria IL USA		

1. FULL NAME OF SECOND ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Terril JOHNSON		
ADDRESS		CITIZENSHIP
Caterpillar Inc., 100 N.E. Adams St.		
Peoria, IL USA		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 1807.034
Client Ref. No. 14-0511

1. FULL NAME OF THIRD ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Christopher CHERWIN		
ADDRESS		CITIZENSHIP
Caterpillar Inc., 100 N.E. Adams St.		
Peoria, IL USA		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

1. FULL NAME OF FOURTH ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
William HOLDENER		
ADDRESS		CITIZENSHIP
Caterpillar Inc., 100 N.E. Adams St.		
Peoria, IL USA		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

1. FULL NAME OF FIFTH ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
David CAMPBELL		
ADDRESS		CITIZENSHIP
Caterpillar Inc., 100 N.E. Adams St.		
Peoria, IL USA		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

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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;

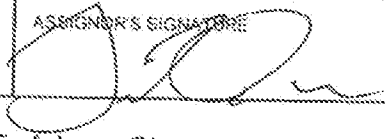
AND, I/WE HEREBY authorize Assignee or the attorneys/representatives of Assignee to insert here in parentheses the country, application number, and official filing date (U.S. Application No. _____, filed _____).

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

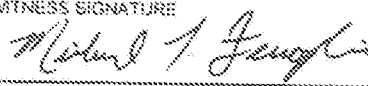
1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Jonathan SEGER		
ADDRESS	Caterpillar Inc., 100 N.E. Adams St.	CITIZENSHIP
	Peoria, IL USA	

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

1. FULL NAME OF SECOND ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Terril JOHNSON		11/25/2014
ADDRESS		CITIZENSHIP
Caterpillar Inc., 100 N.E. Adams St.		USA
Peoria, IL USA		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
Anthony S. Cooksey		11/25/2014
ADDRESS		CITIZENSHIP
411 Bitterswood Ave		USA
Metamora, IL 61548		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
MICHAEL T. FEVOGLIA		11/25/2014
ADDRESS		CITIZENSHIP
309 E. HALLOCK HOLLOW RD.		U.S.A.
EDELSTEIN, IL 61526		

1. FULL NAME OF THIRD ASSIGNOR Christopher CHERWIN	ASSIGNOR'S SIGNATURE	DATE
ADDRESS Caterpillar Inc., 100 N.E. Adams St. Peoria, IL USA		CITIZENSHIP

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

1. FULL NAME OF FOURTH ASSIGNOR William HOLDENER	ASSIGNOR'S SIGNATURE	DATE
ADDRESS Caterpillar Inc., 100 N.E. Adams St. Peoria, IL USA		CITIZENSHIP

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

1. FULL NAME OF FIFTH ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
David CAMPBELL		
ADDRESS		CITIZENSHIP
Caterpillar Inc., 100 N.E. Adams St.		
Peoria, IL USA		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

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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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1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Jonathan SEGER		
ADDRESS	Caterpillar Inc., 100 N.E. Adams St.	CITIZENSHIP
	Peoria, IL USA	

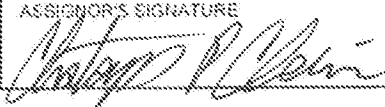
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

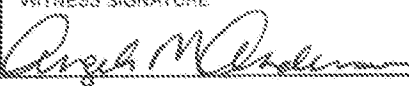
2. WITNESS NAME	WITNESS SIGNATURE	DATE
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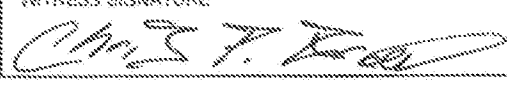
1. FULL NAME OF SECOND ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Terril JOHNSON		
ADDRESS Caterpillar Inc., 100 N.E. Adams St.		CITIZENSHIP
Peoria, IL USA		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

1. FULL NAME OF THIRD ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Christopher CHERWIN		26 Nov 2014
ADDRESS		CITIZENSHIP
Caterpillar Inc., 100 N.E. Adams St.		USA
Peoria, IL USA		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
Angela M Anderson		11/26/14
ADDRESS		CITIZENSHIP
Caterpillar Inc., 100 N.E. Adams St.		USA
Peoria, IL USA		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
CHRIS P. BROWN		11-26-14
ADDRESS		CITIZENSHIP
CATERPILLAR INC, 100 NE ADAMS ST.		USA
PEORIA IL, USA		

1. FULL NAME OF FOURTH ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
William HOLDENER		
ADDRESS		CITIZENSHIP
Caterpillar Inc., 100 N.E. Adams St.		
Peoria, IL USA		

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ADDRESS		CITIZENSHIP

1. FULL NAME OF FIFTH ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
David CAMPBELL		
ADDRESS		CITIZENSHIP
Caterpillar Inc., 100 N.E. Adams St.		
Peoria, IL USA		

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1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Jonathan SEGER		
ADDRESS	CATERPILLAR INC., 100 N.E. ADAMS ST.	CITIZENSHIP
	Peoria, IL USA	

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1. FULL NAME OF SECOND ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Terril JOHNSON		
ADDRESS Caterpillar Inc., 100 N.E. Adams St.		CITIZENSHIP
Peoria, IL USA		

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ADDRESS		CITIZENSHIP

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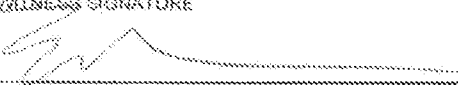
1. FULL NAME OF THIRD ASSIGNOR Christopher CHERWIN	ASSIGNOR'S SIGNATURE	DATE
ADDRESS Caterpillar Inc., 100 N.E. Adams St. Peoria, IL USA		CITIZENSHIP

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

1. FULL NAME OF FOURTH ASSIGNOR William HOLDENER	ASSIGNOR'S SIGNATURE <i>William J. Holdener</i>	DATE 11/25/2014
ADDRESS Caterpillar Inc., 100 N.E. Adams St. Peoria, IL USA		CITIZENSHIP

1. WITNESS NAME <i>Craig Cotterman</i>	WITNESS SIGNATURE <i>Craig Cotterman</i>	DATE 11/25/14
ADDRESS Caterpillar Inc 100 N.E. Adams St Peoria, IL USA		CITIZENSHIP

2. WITNESS NAME EPIC MASON	WITNESS SIGNATURE 	DATE 11/25/14
ADDRESS Caterpillar Inc., 100 N.E. Adams St. Peoria, IL USA		CITIZENSHIP

1. FULL NAME OF FIFTH ASSIGNOR David CAMPBELL	ASSIGNOR'S SIGNATURE	DATE
ADDRESS Caterpillar Inc., 100 N.E. Adams St. Peoria, IL USA		CITIZENSHIP

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Jonathan SEGER		
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	Peoria, IL USA	
		CITIZENSHIP

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Christopher CHERWIN		
ADDRESS		CITIZENSHIP
Caterpillar Inc., 100 N.E. Adams St.		
Peoria, IL USA		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

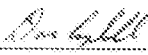
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

1. FULL NAME OF FOURTH ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
William HOLDENER		
ADDRESS		CITIZENSHIP
Caterpillar Inc., 100 N.E. Adams St.		
Peoria, IL USA		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 1607,834
Client Ref. No. 14-0511

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

1. FULL NAME OF FIFTH ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
David CAMPBELL		16-DEC-2014
ADDRESS		CITIZENSHIP
Caterpillar Inc., 100 N.E. Adams St.		USA
Peoria, IL USA		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP