501938306 05/30/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| Troy Curtis ROBL | 05/30/2012 |
| Andy Lee VERING | 05/30/2012 |
| Richard Kent OSWALD | 05/29/2012 |
| Trent Randall STEFEK | 05/24/2012 |

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: | 13483903 |

CORRESPONDENCE DATA

Fax Number: (202)408-4400 Phone: 202-408-4000

Email: virginia.mcnelis@finnegan.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

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: | 08350.0737-00000 |
|-------------------------|------------------------|
| NAME OF SUBMITTER: | Virginia McNelis-Clark |

PATENT

REEL: 028290 FRAME: 0645

Total Attachments: 4

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> PATENT REEL: 028290 FRAME: 0646

U.S. Department of Commerce RECORDATION FORM COVER SHEET Patent and Trademark Office PATENTS ONLY **FORM PTO-1595** Attorney Docket No. 08350.0737-00000 1-31-92 Attorney Customer Number: 58,982 To the Director of the U.S. Patent and Trademark Office: Mail Stop Assignment Recordation Services Please record the attached original documents or copy thereof. Name and address of receiving party(ies): Name of conveying party: 1. a) Troy Curtis ROBL b) Andy Lee VERING Name: Caterpillar Inc. c) Richard Kent OSWALD c) Trent Randall STEFEK Internal Address: Intellectual Property Department Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Street Address: 100 N.E. Adams Street Nature of conveyance: Assignment City: Peoria \boxtimes Merger IL Zip Code: 61629-9510 State: Security \Box Change of Name Agreement Other: Additional name(s) & Address(es) attached? **Execution Date:** a) May 30, 2012 ⊠ No ☐ Yes b) May 30, 2012 c) May 29, 2012 d) May 24, 2012 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: a) May 30, 2012; b) May 30, 2012; c) May 29, 2012; d) May 24, 2012 Patent Application Number: Patent Number(s): Α. ☐ Yes ⊠ No Additional numbers attached? Total number of applications and registrations involved: 1 Name and address of party to whom correspondence 4. concerning document should be mailed: 5. Total fee (37 CFR 3.41): \$40 Christopher P. Isaac Name: \boxtimes Enclosed (Please charge deficiency to deposit account) Authorized to be charged to deposit account FINNEGAN, HENDERSON, FARABOW, GARRETT Internal Address: & DUNNER, L.L.P. Street Address: 901 New York Avenue, N.W. City: Washington, D.C. 6. Deposit Account No. 06-0916 Zip: 20001 State: Statement and signature. 7.

7. 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.

Ryan C. Stockett, Reg. No. 53,642

Signature

Total number of pages including cover sheet, attachments and documents: 4

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.0737-00000 Client Ref. No. 12-0059

ASSIGNMENT

WHEREAS I/We, the below named inventors, hereinafter referred to as Assignors, have made an invention entitled:

TOOL COUPLER HAVING ANTI-RELEASE MECHANISM

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, 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 filled 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 application to insert here in parentheses the Application No, filed | attorneys/representatives that I/WE have country, application number, and official). | empowered to prosecute this filing date (|
|--|--|---|
| IN TESTIMONY WHEREOF, I/We | have hereunto set our hands. | |
| FULL NAME OF SOLE OR FIRST ASSIGNOR Troy Curtis ROBL | ASSIGNOR'S SIGNATURE | DATE .5 - 3U-12 |
| ADDRESS 157 S. Dartmouth Drive, Manha | attan, KS 66503 | CITIZENSHIP USA |
| | | |

PATENT REEL: 028290 FRAME: 0648

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.0737-00000 Client Ref. No. 12-0059

| | \ | |
|---|----------------------|--------------------|
| 1. WITNESS NAME | WITNESS SIGNATURE | DATE |
| JOHN STAMEY | / | 3014472012 |
| ADDRESS 501 LARANTE | STU | CITIZENSHIP |
| MANHATTAN, KS | | |
| 2. WITNESS NAME | WITNESS SIGNATURE | DATE |
| Andy Verina | ad Vi; | 5/30/12 |
| Andy Vering ADDRESS 2500 Marlatt | | CITIZENSHIP US A |
| Manhattan, KS 663 | 0- | |
| | ASSIGNOR'S SIGNATURE | DATE |
| 2. FULL NAME OF SECOND ASSIGNOR Andy Lee VERING | Orlean L. Va. | 5/30/12 |
| ADDRESS 2500 Mariatt, Manhattan, KS 66 | 5502 | CITIZENSHIP USA |
| | | |
| 1. WITNESS NAME | WITNESS SIGNATURE | DATE |
| Trent Statele | 1+ 3+1/2 | 5/30/12 |
| ADDRESS 13524 Megan La | | CITIZENSHIP |
| Danego Ks 66547 | | |
| 2. WITNESS NAME | WITNESS SIGNATURE | DATE |
| Trong RUST | C 31/ | 5/30/12 |
| ADDRESS 1573 Dintmouth | | CITIZENSHIP |
| 127 2 provide 1974 168 | <u> </u> | |

PATENT REEL: 028290 FRAME: 0649

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.0737-00000 Client Ref. No. 12-0059

| 3. FULL NAME OF THIRD ASSIGNOR Richard Kent OSWALD | ASSIGNORE SIGNATURE | DATE 5-29-12 |
|--|--|---|
| ADDRESS 15055 Wheaton Road, Onaga, KS 6 | 66521 | USA |
| | | |
| 1. WITNESS NAME | WITNESS SIGNATURE | DATE |
| Andy Vering | ad Vi | 5/30/2 |
| ADDRESS 2500 Murlatt | | CITIZENSHIP US A |
| Menhatten, K. 66602 | | |
| 2. WITNESS NAME | WITNESS SIGNATURE | DATE |
| Trent Steach | (4) th | 5/30/2012 |
| ADDRESS | | CITIZENSHIP ムら人 |
| 13524 Megan Ln | | USA |
| Damego . Xs 66547 | ^ | |
| 4 FULL NAME OF FOURTH ARRIGNOR | ASSIGNOR'S SIGNATURE, | DATE |
| 4. FULL NAME OF FOURTH ASSIGNOR Trent Randall STEFEK | 111111 | 5-2/1 7/7/7 |
| Trent Randall STEFEK | 1 Still | 5-24-2012 |
| | 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 5-24-2012 CITIZENSHIP USA |
| | 14544 36547 | CITIZENSHIP |
| | 36547 WITNESS SIGNATURE | CITIZENSHIP USA |
| ADDRESS 13524 Megan Lane, Wamego, KS 6 | WITNESS SIGNATURE | CITIZENSHIP USA |
| ADDRESS 13524 Megan Lane, Wamego, KS 6 | WITNESS SIGNATURE | CITIZENSHIP USA |
| ADDRESS 13524 Megan Lane, Wamego, KS | witness signature Af U. | DATE |
| ADDRESS 13524 Megan Lane, Wamego, KS 6 1. WITNESS NAME ADDRESS 1500 Marlatt | witness signature Af U. | DATE |
| ADDRESS 13524 Megan Lane, Wamego, KS 6 1. WITNESS NAME ADDRESS 1500 Marlatt Manhattan, KS (oli) 2. WITNESS NAME | WITNESS SIGNATURE A. J. U., | DATE CITIZENSHIP DATE CITIZENSHIP |
| ADDRESS 13524 Megan Lane, Wamego, KS 6 1. WITNESS NAME ADDRESS 1500 Marlatt Manhattan, KS (66) 2. WITNESS NAME Trong Kail | WITNESS SIGNATURE A. J. L. WITNESS SIGNATURE A. J. L. WITNESS SIGNATURE | DATE CITIZENSHIP DATE CITIZENSHIP CITIZENSHIP |
| ADDRESS 13524 Megan Lane, Wamego, KS 6 1. WITNESS NAME ADDRESS 1500 Marlatt Manhattan, KS 665 2. WITNESS NAME Trong Kall | WITNESS SIGNATURE Add U. WITNESS SIGNATURE ACCOL WITNESS SIGNATURE ACCOL Or. | DATE CITIZENSHIP USA DATE CITIZENSHIP DATE |

PATENT REEL: 028290 FRAME: 0650

RECORDED: 05/30/2012