

12/292459
11/19/2008

12-02-2008

U.S. Department of Commerce
Patent and Trademark Office
Customer No.: 58,982
Attorney Docket No. 08350.8251-000To the Director of the U.S. Patent and
Please record the attached original d

103537706

Mail Stop Assignment Recordation Service

1. Name of conveying parties:

1. Jinhui Sun
2. Shashank Mupparapu
3. Theodore J. Tarabulski
4. Paul W. Park

2. Name and address of receiving party:

Name: Caterpillar Inc.

Additional name(s) of conveying parties attached? ☐ Yes ☒ NoInternal
Address:

3. Nature of conveyance:

Street Address:

100 N.E. Adams Street

☒ Assignment☐ Merger

City: Peoria

☐ Security Agreement☐ Change of Name

State: IL

Zip Code: 61629-9510

☐ Joint Research
Agreement☐ Government Interest
Assignment

Additional name(s) & Address(es) attached?

☐ Executive Order 9494,
Confirmatory License☐ Other:☐ Yes☒ No

Execution Date:

1. 10/28/2008
2. 10/22/2008
3. 10/27/2008
4. 10/28/2008

Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: (1) 10/28/2008, (2) 11/17/2008, (3) 10/28/2008, and (4) 10/28/2008

4.

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached?

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Total number of applications and patents involved: One (1)

Name: Stephen L. Keefe

6. Total fee (37 CFR 1.21(h) and 3.41): \$40

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

☒ Enclosed (Please charge deficiency or credit overpayment to Deposit Account No. 06-0916)

Street Address: 901 New York Avenue, N.W.

☐ Authorized to be charged to deposit account

City: Washington

State: D.C. Zip: 20001-4413

7. Deposit Account No.: 06-0916

8. 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:

November 19, 2008

Stephen L. Keefe Reg. No. 61,100

Date

Total number of pages including cover sheet, attachments and documents: 13

5/2006

11/20/2008 JADD01 00000032 12292459
04 FC:8021 40.00 DPPATENT
REEL: 021917 FRAME: 0715

ASSIGNMENT

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

METHOD FOR PURGING A DOSING SYSTEM

for which We executed an application for United States Letters Patent concurrently herewith 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 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;

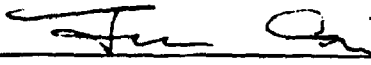
NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, 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 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 our hands.

1. FULL NAME FIRST ASSIGNOR Jinhui Sun	ASSIGNOR'S SIGNATURE <i>J. Sun</i>	DATE 10/28/08
ADDRESS 1404 Windham Hill Road, Bloomington, IL 61704		CITIZENSHIP China

1. WITNESS NAME Jun Cai	WITNESS SIGNATURE 	DATE 10/28/08
ADDRESS 409 S Breckinridge Dr Dunlap, IL 61525		CITIZENSHIP USA

2. WITNESS NAME SYLVAIN CHARBONNEL	WITNESS SIGNATURE 	DATE 10/28/08
ADDRESS 2620 W. MOSS AVE., PEORIA, IL 61604		CITIZENSHIP FRANCE

2. FULL NAME OF SECOND ASSIGNOR Shashank Mupparapu	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 7400 N. Villa Lake Drive, #K1, Peoria, IL 61614		CITIZENSHIP India

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Theodore J. Tarabulski	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 20330 North Hampton Road, Chillicothe, IL 61523		CITIZENSHIP U.S.

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Paul W. Park	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 2807 W. Windflower Ct., Peoria, IL 61615		CITIZENSHIP U.S.

1. WITNESS NAME	WITNESS SIGNATURE	DATE
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ADDRESS 1404 Windham Hill Road, Bloomington, IL 61704		CITIZENSHIP China

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. FULL NAME OF SECOND ASSIGNOR Shashank Mupparapu	ASSIGNOR'S SIGNATURE <i>shashank</i>	DATE 10/22/08
ADDRESS 7400 N. Villa Lake Drive, #K1, Peoria, IL 61614		CITIZENSHIP India

1. WITNESS NAME Vamsi K Golla	WITNESS SIGNATURE <i>[Signature]</i>	DATE 10/22/08
ADDRESS 1800 W. MARIGOLD Dr, #7201, Peoria, IL - 61615		CITIZENSHIP INDIA

2. WITNESS NAME ABHINASH REDDY KONATHAM	WITNESS SIGNATURE <i>K. Abhinash Reddy</i>	DATE 10/22/08
ADDRESS 1016 W MAIN ST, APT #3		CITIZENSHIP INDIA
PEORIA, IL, 61606		

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Theodore J. Tarabulski	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 20330 North Hampton Road, Chillicothe, IL 61523		CITIZENSHIP U.S.

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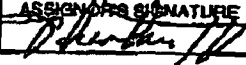
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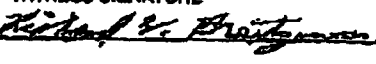
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Customer No. 58,982
SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.8251-00000
Client Ref. No. 08-251

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Theodore J. Tarabulski	ASSIGNOR'S SIGNATURE 	DATE 10/27/08
ADDRESS 20330 North Hampton Road, Chillumcothe, IL 61523		CITIZENSHIP U.S.

1. WITNESS NAME Richard W. Scateman	WITNESS SIGNATURE 	DATE 10-27-08
ADDRESS 277 Copperfield Dr., Chillumcothe, IL 61523		CITIZENSHIP U.S.

2. WITNESS NAME Anthony Warden	WITNESS SIGNATURE 	DATE 10/27/08
ADDRESS 314 Circuit Ct. East Peoria 61611		CITIZENSHIP U.S.

4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Paul W. Park	ASSIGNOR'S SIGNATURE	DATE
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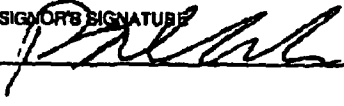
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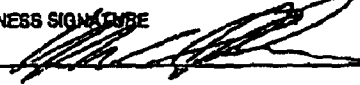
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ADDRESS 2807 W. Windflower Ct., Peoria, IL 61615		CITIZENSHIP U.S.

1. WITNESS NAME Rick E. Jeffs	WITNESS SIGNATURE 	DATE 10-28-08
ADDRESS 123 W. MORNINGSIDE DR, PEORIA, IL 61614		CITIZENSHIP U.S.

2. WITNESS NAME Michael Bagheri	WITNESS SIGNATURE 	DATE 10/28/08
ADDRESS 11507 N. Baltimore Ave. Dunlap, IL 61525		CITIZENSHIP U.S.