

07-28-2006

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08350.5706-00000
Attorney Customer Number: 58,982To the Director of the U.S. Patent and Trademark Office
Please record the attached original

103282145

Mail Stop Assignment Recordation Services

1. Name of conveying party(ies):
William L. Easley, Jr. (April 24, 2006)
Maarten Verkiel (April 25, 2006)
Aaron D. Strauser (July 21, 2006)
James J. Driscoll (April 24, 2006)
Wade J. Robel (April 24, 2006)

2. Name and address of receiving party(ies):

Name: Caterpillar Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Internal Address: Peoria, IL

3. Nature of conveyance:

Street Address: 100 N.E. Adams Street

☒ Assignment☐ Merger

City: Peoria

☐ Security Agreement☐ Change of Name

State: IL Zip Code: 61629-6490

☐ Other:

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

Execution Dates: William L. Easley, Jr. (April 24, 2006)
Maarten Verkiel (April 25, 2006)
Aaron D. Strauser (July 21, 2006)
James J. Driscoll (April 24, 2006)
Wade J. Robel (April 24, 2006)☐ Yes ☒ No

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:

A. Patent Application Number(s):

11/412,883 (filed April 28, 2006)

B. Patent Number(s):

Additional numbers attached?

☐ Yes ☒ No

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

Name: Christopher P. Isaac

6. Total number of applications and registrations involved:
1

7. Total fee (37 CFR 3.41): \$40

☒ Enclosed (Please charge deficiency to deposit account)☐ 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.: 06-091

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.

Jeremy T. Thissell, Reg. #56,065

Signature

July 24, 2006

Date

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

ASSIGNMENT

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

EXHAUST TREATMENT SYSTEM

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on _____, 2005 (Serial No. _____); and

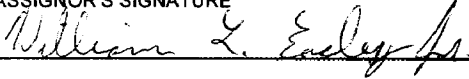
WHEREAS, **Caterpillar Inc., a corporation of Delaware** whose post office address is **100 N.E. Adams Street, Peoria, IL 61629-6490** (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and 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, 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 _____ (if any), 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 I/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, 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 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, I/We have hereunto set our hands.

FULL NAME OF SOLE OR FIRST ASSIGNOR William L. Easley, Jr.	ASSIGNOR'S SIGNATURE 	DATE 4/24/2006
RESIDENCE Dunlap, IL		CITIZENSHIP USA
POST OFFICE ADDRESS 1700 W. Hickory Grove Rd., Apt. 7-204, Dunlap, IL 61525		

Listing of Assignors Continued on Page 2 hereof ☒ Yes ☐ No

1. WITNESS NAME <i>Matthew Bohm</i>	WITNESS SIGNATURE <i>Matthew Bohm</i>	DATE <i>4/24/2006</i>
ADDRESS <i>3544 W Richwoods Blvd</i>		CITIZENSHIP <i>US</i>
<i>Peoria IL 61604</i>		

2. WITNESS NAME <i>Ben Ballard</i>	WITNESS SIGNATURE <i>Ben Ballard</i>	DATE <i>4/24/2006</i>
ADDRESS <i>605 Catherine</i>		CITIZENSHIP <i>US</i>
<i>Washington IL 61571</i>		

FULL NAME OF SECOND ASSIGNOR, IF ANY <i>Maarten Verkiel</i>	ASSIGNOR'S SIGNATURE	DATE
RESIDENCE <i>Metamora, IL</i>		CITIZENSHIP <i>THE NETHERLANDS</i>
POST OFFICE ADDRESS <i>308 Bittersweet Ave., Metamora, IL 61548</i>		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

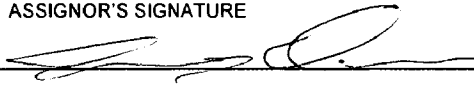
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

Listing of Assignors Continued on Page 3 hereof ■ Yes □ No

FULL NAME OF THIRD ASSIGNOR, IF ANY Aaron D. Strauser	ASSIGNOR'S SIGNATURE	DATE
RESIDENCE Washington, IL		CITIZENSHIP USA
POST OFFICE ADDRESS 103 Esser Street, Washington, IL 61571		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP


2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

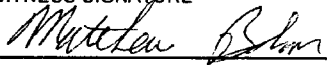
FULL NAME OF FOURTH ASSIGNOR, IF ANY James J. Driscoll	ASSIGNOR'S SIGNATURE 	DATE 4/24/2006
RESIDENCE Dunlap, IL		CITIZENSHIP USA
POST OFFICE ADDRESS 1700 W. Hickory Grove Rd., Apt. 1-209, Dunlap, IL 61525		

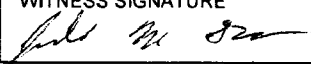
1. WITNESS NAME Matthew Bohm	WITNESS SIGNATURE Matthew Bohm	DATE 4/24/2006
ADDRESS 3544 W Richards Blvd		CITIZENSHIP US
Peoria IL 61604		

2. WITNESS NAME Ben Ballard	WITNESS SIGNATURE Ben Ballard	DATE 4/24/2006
ADDRESS 608 Catherine		CITIZENSHIP US
Washington IL 61571		

Listing of Assignors Continued on Page 4 hereof ☒ Yes ☐ No

FULL NAME OF FIFTH ASSIGNOR, IF ANY Wade J. Robel	ASSIGNOR'S SIGNATURE 	DATE 4/24/2006
RESIDENCE Peoria, IL 61614		CITIZENSHIP USA
POST OFFICE ADDRESS 3603 N. Highridge Dr., Peoria, IL 61614		

1. WITNESS NAME Matthew Bohm	WITNESS SIGNATURE 	DATE 4/24/2006
ADDRESS 3544 W Richwoods Blvd		CITIZENSHIP US
Peoria IL 61604		

2. WITNESS NAME Julie M. Faas	WITNESS SIGNATURE 	DATE 4/24/2006
ADDRESS 1600 W Blue Sage Dr #3201		CITIZENSHIP USA
Peoria IL 61615		

Listing of Inventors Continued on Page 5 hereof ☐ Yes ☒ No

ASSIGNMENT

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

EXHAUST TREATMENT SYSTEM

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on _____, 2005 (Serial No. _____); and

WHEREAS, **Caterpillar Inc., a corporation of Delaware** whose post office address is **100 N.E. Adams Street, Peoria, IL 61629-6490** (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, 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 _____ (if any), 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 I/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, 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 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.

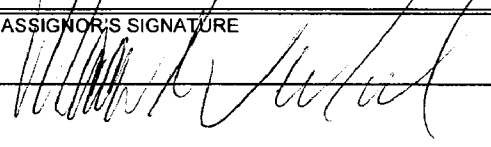
IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

FULL NAME OF SOLE OR FIRST ASSIGNOR William L. Easley, Jr.	ASSIGNOR'S SIGNATURE	DATE
RESIDENCE Dunlap, IL		CITIZENSHIP USA
POST OFFICE ADDRESS 1700 W. Hickory Grove Rd., Apt. 7-204, Dunlap, IL 61525		

Listing of Assignors Continued on Page 2 hereof ☒ Yes ☐ No

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

FULL NAME OF SECOND ASSIGNOR, IF ANY Maarten Verkiel	ASSIGNOR'S SIGNATURE 	DATE 4/25/06
RESIDENCE Metamora, IL		CITIZENSHIP THE NETHERLANDS
POST OFFICE ADDRESS 308 Bittersweet Ave., Metamora, IL 61548		

1. WITNESS NAME Glenn B. Cox	WITNESS SIGNATURE Glenn B. Cox	DATE 25-Apr-06
ADDRESS 701 W. Deerbrown Dr.		CITIZENSHIP USA
Peoria, IL 61615		

2. WITNESS NAME Steven R McCoy	WITNESS SIGNATURE Steven R McCoy	DATE 25-Apr-06
ADDRESS 706 Westgate Rd		CITIZENSHIP USA
WASHINGTON ILL. 61571		

Listing of Assignors Continued on Page 3 hereof ■ Yes □ No

FULL NAME OF THIRD ASSIGNOR, IF ANY Aaron D. Strauser	ASSIGNOR'S SIGNATURE	DATE
RESIDENCE Washington, IL		CITIZENSHIP USA
POST OFFICE ADDRESS 103 Esser Street, Washington, IL 61571		

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2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

FULL NAME OF FOURTH ASSIGNOR, IF ANY James J. Driscoll	ASSIGNOR'S SIGNATURE	DATE
RESIDENCE Dunlap, IL		CITIZENSHIP USA
POST OFFICE ADDRESS 1700 W. Hickory Grove Rd., Apt. 1-209, Dunlap, IL 61525		

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ADDRESS		CITIZENSHIP

Listing of Assignors Continued on Page 4 hereof ■ Yes □ No

FULL NAME OF FIFTH ASSIGNOR, IF ANY Wade J. Robel	ASSIGNOR'S SIGNATURE	DATE
RESIDENCE Peoria, IL 61614		CITIZENSHIP USA
POST OFFICE ADDRESS 3603 N. Highridge Dr., Peoria, IL 61614		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
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2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

Listing of Inventors Continued on Page 5 hereof ☐ Yes ☒ No

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.5706-00000
Client Ref. No. 05-706

ASSIGNMENT

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

EXHAUST TREATMENT SYSTEM

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on April 28, 2006, 2005 (Serial No. 11/412,883); and

WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is **100 N.E. Adams Street, Peoria, IL 61629-6490** (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, 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 _____ (if any), 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 I/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;

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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 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, I/We have hereunto set our hands.

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POST OFFICE ADDRESS 1700 W. Hickory Grove Rd., Apt. 7-204, Dunlap, IL 61525		

Listing of Assignors Continued on Page 2 hereof ☒ Yes ☐ No

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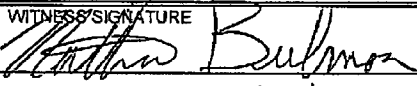
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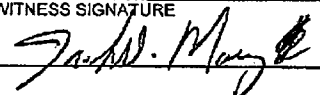
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ADDRESS		CITIZENSHIP

Listing of Assignors Continued on Page 3 hereof ☒ Yes ☐ No

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.5706-00000
Client Ref. No. 05-706

FULL NAME OF THIRD ASSIGNOR, IF ANY Aaron D. Strauser	ASSIGNOR'S SIGNATURE 	DATE 21 July 06
RESIDENCE Washington, IL		CITIZENSHIP USA
POST OFFICE ADDRESS 103 Esser Street, Washington, IL 61571		

1. WITNESS NAME Nathan Bulmon	WITNESS SIGNATURE 	DATE 21/July/06
ADDRESS 1417 Candlelight Ct. Apt #107 Peoria, IL 61614		CITIZENSHIP USA

2. WITNESS NAME Jack Maroney	WITNESS SIGNATURE 	DATE 21 July 06
ADDRESS 500 Fantasy Ln. Chillicothe IL 61523		CITIZENSHIP USA

FULL NAME OF FOURTH ASSIGNOR, IF ANY James J. Driscoll	ASSIGNOR'S SIGNATURE	DATE
RESIDENCE Dunlap, IL		CITIZENSHIP USA
POST OFFICE ADDRESS 1700 W. Hickory Grove Rd., Apt. 1-208, Dunlap, IL 61525		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

Listing of Assignors Continued on Page 4 hereof ☒ Yes ☐ No

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.5706-00000
Client Ref. No. 05-706

FULL NAME OF FIFTH ASSIGNOR, IF ANY Wade J. Robel	ASSIGNOR'S SIGNATURE	DATE
RESIDENCE Peoria, IL 61614	CITIZENSHIP USA	
POST OFFICE ADDRESS 3603 N. Highridge Dr., Peoria, IL 61614		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS	CITIZENSHIP	

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS	CITIZENSHIP	

Listing of Inventors Continued on Page 5 hereof ☐ Yes ☒ No