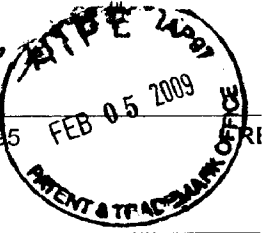


RE 215109



FORM PTO-1595
1-31-92

03-17-2009



U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08350.8923
Attorney Customer Number: 58,982

To the Director of the U.S. Patent and Trademark Office
Please record the attached original document.

103552620

Patent Stop Assignment Recordation Services

1. Name of conveying party:
a) Jason K. BLOMS
b) Mohamed DAOUD
c) Antony J. EAGER
d) Kevin D. EHRENHARDT
e) Tazio S. GRIVETTI
f) David J. KAPPAROS
g) Matthew E. LEUSTEK
h) Anthony C. RODMAN
i) Richard SEVERNS II
j) Yanchai ZHANG

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

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

Internal Address: Intellectual Property Department

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

Other:

Additional name(s) & Address(es) attached?
 Yes No

Execution Date:
a) January 27, 2009
b) January 20, 2009
c) January 22, 2009
d) January 20, 2009
e) January 21, 2009
f) January 20, 2009
g) January 20, 2009
h) January 22, 2009
i) January 27, 2009
j) January 21, 2009

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) January 27, 2009; b) January 20, 2009; c) January 22, 2009; d) January 20, 2009; e) January 21, 2009; f) January 20, 2009; g) January 20, 2009; h) January 22, 2009; i) January 27, 2009; j) January 21, 2009

A. Patent Application Number(s):
Additional numbers attached? Yes No

B. Patent Number(s):
 Yes No

4. Name and address of party to whom correspondence concerning document should be mailed:
Name: Christopher P. Isaac

Total number of applications and registrations involved: 1

5. 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

6. Deposit Account No. 06-0916

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

Ryan C. Stockett
Signature

02/09/2009 DBYRNE 00000004 060916 12292094
February 5, 2009
46.00 DA

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 COMPONENT HAVING PERMANENTLY ASSOCIATED LIFE INDICATOR

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on November 12, 2008 (Application No. 12/292,094); and

WHEREAS, **Caterpillar Inc.**, a corporation of **Delaware** whose post office address is **Intellectual Property Department, 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;

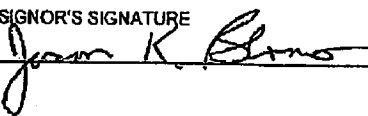
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional Application 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.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

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


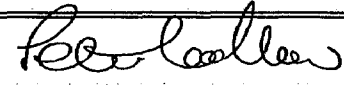
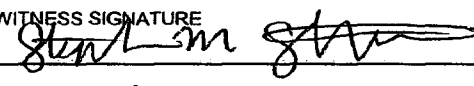
1. FULL NAME OF SOLE OR FIRST ASSIGNOR Jason K. BLOMS	ASSIGNOR'S SIGNATURE 	DATE 27-Jan-09
ADDRESS 6816 N. Basket Oak Drive, Edwards, IL 61528		CITIZENSHIP USA

Listing of Inventors Continued on Page 2 hereof Yes No

1. WITNESS NAME Glenn B. Cox	WITNESS SIGNATURE <i>Glenn B. Cox</i>	DATE 27-Jan-09
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2. WITNESS NAME David Rappaport	WITNESS SIGNATURE <i>David Rappaport</i>	DATE 27-Jan-09
ADDRESS 213 N Louise St. Chillicothe, IL 61523		CITIZENSHIP USA

2. FULL NAME OF SECOND ASSIGNOR Mahamed DAOUD	ASSIGNOR'S SIGNATURE	DATE
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1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

Listing of Inventors Continued on Page 3 hereof Yes No

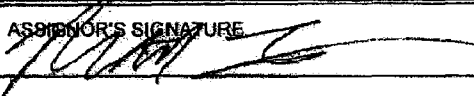

3. FULL NAME OF THIRD ASSIGNOR Antony J. EAGER		ASSIGNOR'S SIGNATURE 	DATE 22 Jan 2009
ADDRESS 51, Thorpe Park Road, Peterborough, Cambridgeshire, United Kingdom Pe3 6LJ		CITIZENSHIP BRITAIN	
1. WITNESS NAME PETER LADLOW		WITNESS SIGNATURE 	DATE 22 JAN 09
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2. WITNESS NAME Stephen M Sturhahn		WITNESS SIGNATURE 	DATE 22 JAN 2009
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4. FULL NAME OF FOURTH ASSIGNOR Kevin D. EHRENHARDT		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1908 Century Drive, Eureka, IL 61530		CITIZENSHIP USA	
1. WITNESS NAME		WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP	
2. WITNESS NAME		WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP	

Listing of Inventors Continued on Page 4 hereof Yes No

5. FULL NAME OF FIFTH ASSIGNOR Tazio S. GRIVETTI		ASSIGNOR'S SIGNATURE <i>Tazio Grivetti</i>	DATE 1/21/2009
ADDRESS 419 W. Beech Street, Chillicothe, IL 61523			CITIZENSHIP USA
1. WITNESS NAME DEBORAH K. LIGHT		WITNESS SIGNATURE <i>Deborah K. Light</i>	DATE 1/21/2009
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2. WITNESS NAME DAVID C. ATKINSON		WITNESS SIGNATURE <i>David C. Atkinson</i>	DATE 1/21/2009
ADDRESS 244 W. Marks Dunlap, IL 61525			CITIZENSHIP USA
6. FULL NAME OF SIXTH ASSIGNOR David J. KAPPAROS		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 213 N. Louise Street, Chillicothe, IL 61523			CITIZENSHIP USA
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

7. FULL NAME OF SEVENTH ASSIGNOR Matthew E. LEUSTEK		ASSIGNOR'S SIGNATURE 	DATE 1-20-09
ADDRESS 1309 Hickory Hills Road, Metamora, IL 61648		CITIZENSHIP USA	
1. WITNESS NAME CHRISTOPHER COPPLE		WITNESS SIGNATURE 	DATE 1-20-09
ADDRESS 1600 W BLUE SAGE DR #3102 PEORIA, IL 61615		CITIZENSHIP USA	
2. WITNESS NAME Christopher Ruemelin		WITNESS SIGNATURE Christopher Ruemelin	DATE 01/20/2009
ADDRESS 819 N. Orange St. Peoria, IL 61606		CITIZENSHIP USA	

8. FULL NAME OF EIGHTH ASSIGNOR Anthony C. RODMAN		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 4, The Rides, Langtoft, Cambridgeshire, PE6 9RR, UK		CITIZENSHIP USA	
1. WITNESS NAME		WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP	
2. WITNESS NAME		WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP	

Listing of Inventors Continued on Page 6 hereof Yes No

9. FULL NAME OF NINTH ASSIGNOR Richard SEVERNS II		ASSIGNOR'S SIGNATURE <i>Richard Severns II</i>	DATE 1/27/2009
ADDRESS 442 W. Gail Street, Chillicothe, IL 61523		CITIZENSHIP USA	
1. WITNESS NAME <i>Dasrad Khan</i>		WITNESS SIGNATURE <i>[Signature]</i>	DATE 01/27/09
ADDRESS <i>2401 W. Alta Rd Apt 2207 Peoria IL 61615</i>		CITIZENSHIP U.S.	
2. WITNESS NAME <i>Jim Royal</i>		WITNESS SIGNATURE <i>[Signature]</i>	DATE 1/27/09
ADDRESS <i>3415 E. Midden Valley Chillicothe, IL 61523</i>		CITIZENSHIP USA	

10. FULL NAME OF TENTH ASSIGNOR Yanchai ZHANG		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 731 S. Breckendridge Drive, Dunlap, IL 61525		CITIZENSHIP P.R. CHINA	
1. WITNESS NAME		WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP	
2. WITNESS NAME		WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP	

ASSIGNMENT

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

EXHAUST COMPONENT HAVING PERMANENTLY ASSOCIATED LIFE INDICATOR

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on November 12, 2008 (Application No. 12/292,094); and

WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is Intellectual Property Department, 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 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 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.

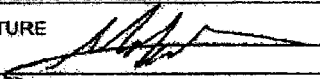
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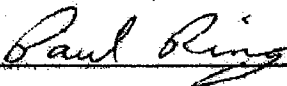
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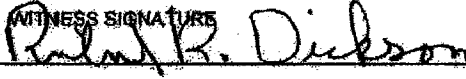
1. FULL NAME OF SOLE OR FIRST ASSIGNOR Jason K. BLOMS	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 6816 N. Basket Oak Drive, Edwards, IL 61528		CITIZENSHIP USA

Listing of Inventors Continued on Page 2 hereof Yes No

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

2. FULL NAME OF SECOND ASSIGNOR Mohamed DAQUD	ASSIGNOR'S SIGNATURE 	DATE 01/20/2009
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1. WITNESS NAME PAUL RING	WITNESS SIGNATURE 	DATE 01/20/2009
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2. WITNESS NAME RICHARD R. DICKSON	WITNESS SIGNATURE 	DATE 20 Jan 09
ADDRESS 12607 W. PARKS SCHOOL RD PRINCEVILLE, IL 61559		CITIZENSHIP USA

Listing of Inventors Continued on Page 3 hereof Yes No

3. FULL NAME OF THIRD ASSIGNOR Antony J. EAGER		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 51, Thorpe Park Road, Peterborough, Cambridgeshire, United Kingdom Pe3 6LJ			CITIZENSHIP BRITAIN
1. WITNESS NAME		WITNESS SIGNATURE	DATE
ADDRESS			CITIZENSHIP
2. WITNESS NAME		WITNESS SIGNATURE	DATE
ADDRESS			CITIZENSHIP

4. FULL NAME OF FOURTH ASSIGNOR Kevin D. EHRENHARDT		ASSIGNOR'S SIGNATURE <i>Kevin D. Ehrenhardt</i>	DATE 20 JAN 09
ADDRESS 1908 Century Drive, Eureka, IL 61530			CITIZENSHIP USA
1. WITNESS NAME DANIEL R. SCHADLE		WITNESS SIGNATURE <i>Daniel R. Schadle</i>	DATE 20 JAN 09
ADDRESS 1643 Greimbriar Dr. Metamora, IL 61548			CITIZENSHIP US
2. WITNESS NAME LONG T. LE		WITNESS SIGNATURE <i>Long T. Le</i>	DATE 20 JAN 09
ADDRESS 9807 W. BRIDGEPORT WAY HANNA CITY, IL 61536			CITIZENSHIP USA

Listing of Inventors Continued on Page 4 hereof Yes No

5. FULL NAME OF FIFTH ASSIGNOR Tazio S. GRIVETTI		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 419 W. Beech Street, Chillicothe, IL 61523			CITIZENSHIP USA
1. WITNESS NAME		WITNESS SIGNATURE	DATE
ADDRESS			CITIZENSHIP
2. WITNESS NAME		WITNESS SIGNATURE	DATE
ADDRESS			CITIZENSHIP

6. FULL NAME OF SIXTH ASSIGNOR David J. KAPPAROS		ASSIGNOR'S SIGNATURE <i>David J. Kapparos</i>	DATE 1/20/09
ADDRESS 213 N. Louise Street, Chillicothe, IL 61523			CITIZENSHIP USA
1. WITNESS NAME <i>Tyler V Richards</i>		WITNESS SIGNATURE <i>Tyler Richards</i>	DATE 1/20/09
ADDRESS <i>2927 W Sylvan Ln Peoria, IL 61615</i>			CITIZENSHIP USA
2. WITNESS NAME <i>Chad Logan</i>		WITNESS SIGNATURE <i>Chad Logan</i>	DATE 1/20/09
ADDRESS <i>212 E. Cherry Ridge Rd Peoria, IL 61614</i>			CITIZENSHIP USA

Listing of Inventors Continued on Page 5 hereof Yes No

7. FULL NAME OF SEVENTH ASSIGNOR Matthew E. LEUSTEK		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1309 Hickory Hills Road, Metamora, IL 61548			CITIZENSHIP USA
1. WITNESS NAME	WITNESS SIGNATURE	DATE	
ADDRESS		CITIZENSHIP	
2. WITNESS NAME	WITNESS SIGNATURE	DATE	
ADDRESS		CITIZENSHIP	

8. FULL NAME OF EIGHTH ASSIGNOR Anthony C. RODMAN		ASSIGNOR'S SIGNATURE <i>[Signature]</i>	DATE Jan 22, 2009
ADDRESS 4, The Rides, Langtoft, Cambridgeshire, PE6 9RR, UK			CITIZENSHIP USA
1. WITNESS NAME <i>Anthony S Robinson</i>	WITNESS SIGNATURE <i>[Signature]</i>	DATE Jan 22, 2009	
ADDRESS <i>25 Kearsney Drive, Dundee, Scotland</i>		CITIZENSHIP UK	
<i>PE6 9RR UK</i>			
2. WITNESS NAME <i>Aileen McCreary</i>	WITNESS SIGNATURE <i>[Signature]</i>	DATE 22 JAN 09	
ADDRESS <i>4 Church Rd, Ketton, Stamford</i>		CITIZENSHIP UK	
<i>PE9 3RD, UK</i>			

Listing of Inventors Continued on Page 6 hereof Yes No

9. FULL NAME OF NINTH ASSIGNOR Richard SEVERNS II		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 442 W. Gail Street, Chillicothe, IL 61523			CITIZENSHIP USA
1. WITNESS NAME		WITNESS SIGNATURE	DATE
ADDRESS			CITIZENSHIP
2. WITNESS NAME		WITNESS SIGNATURE	DATE
ADDRESS			CITIZENSHIP

10. FULL NAME OF TENTH ASSIGNOR Yanhai ZHANG		ASSIGNOR'S SIGNATURE <i>Yanhai Zhang</i>	DATE 01-21-09
ADDRESS 731 S. Breckendridge Drive, Dunlap, IL 61525			CITIZENSHIP P.R. CHINA
1. WITNESS NAME Jedediah A Frey		WITNESS SIGNATURE <i>Jedediah Frey</i>	DATE 1/21/09
ADDRESS 15527 N. Van Achen Chillicothe, IL 61523			CITIZENSHIP U.S.
2. WITNESS NAME Chad Logan		WITNESS SIGNATURE <i>Chad Logan</i>	DATE 1-21-09
ADDRESS 202 E Cherry Ridge Rd. Peoria, IL 61614			CITIZENSHIP U.S.A.