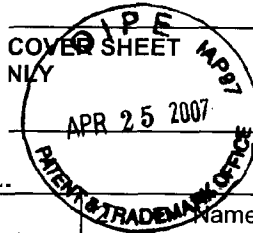


04-30-2007



U.S. Department of Commerce  
Patent and Trademark Office  
Customer No.: 58,982  
Attorney Docket No. 08350.6619-0000

Mail Stop Assignment Recordation Services

4.25.07

To the Director of the  
Please record the att.

103400354

1. Name of conveying parties:  
1) Philip Stephen Bruza; 2) Darrel Henry Meffert; 3) Michael James Pollard; 4) Timothy John Boland; 5) John Roger Weber; 6) Ronak Dhanendrakumar Shah; 7) Robert Lee Meyer; and 8) Jonas Arūnas Aleksonis

Name and address of receiving party:  
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: Illinois Zip Code: 61629-6490

Joint Research Agreement  Government Interest Assignment

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

Executive Order 9494, Confirmatory License  Other:

Yes  No

Execution Date: 1) January 31, 2007 5) January 31, 2007  
2) February 1, 2007 6) January 31, 2007  
3) February 1, 2007 7) January 31, 2007  
4) January 31, 2007 8) January 31, 2007

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): 11/700,190

B. Patent Number(s):

Additional numbers attached?  Yes  No

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

6. Total number of applications and patents involved: one (1)

Name: Christopher P. Isaac

7. 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 06-0916)

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

Authorized to be charged to deposit account

City: Washington, D.C.

State: Zip: 20001-4413

8. Deposit Account No.: 06-0916

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.

Signed: Elizabeth M. Burke  
Elizabeth M. Burke, Reg. No. 38,758

April 25, 2007

Total number of pages including cover sheet, attachments and documents: 31

04/25/2007 08:00:01 00000105 11/700190  
02 FC:0021

40.00 GP

### ASSIGNMENT

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

#### EXHAUST TREATMENT DEVICE HAVING FLOW-PROMOTING END CAPS

for which we executed an application for United States Letters Patent concurrently herewith and


WHEREAS, Caterpillar Inc., a Delaware corporation 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 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, provisional application Serial No. N/A, filed N/A (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 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 I/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 OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Philip Stephen Bruza		01/31/07
ADDRESS		CITIZENSHIP
6807 N. Terra Vista Dr., Apt. 307		USA
Peoria, IL 61614		

1. WITNESS NAME Tim Summers	WITNESS SIGNATURE 	DATE 1/31/07
ADDRESS 2278 Knollaire Drive		
Washington Ill. 61571		

2. WITNESS NAME Neshe Collins	WITNESS SIGNATURE 	DATE 1/31/07
ADDRESS 1500 W Blue Sage Dr Apt 1215		
Peoria, IL 61615		

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Darrel Henry Meffert	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1268 Calle Libro Del Retrato		CITIZENSHIP USA
Sahuarita, AZ 85629		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Michael James Pollard	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 2126 W. Gerald Dr.		CITIZENSHIP USA and Canada
Peoria, IL 61615		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Timothy John Boland	ASSIGNOR'S SIGNATURE <i>Tim Boland</i>	DATE 3/30/07
ADDRESS 1017 Redbud Ln.		CITIZENSHIP USA
Eureka, IL 61530		

1. WITNESS NAME Scott Thompson	WITNESS SIGNATURE <i>Scott Thompson</i>	DATE 1/31/07
ADDRESS 12403 N Cove Ct		
Danbury, IL 61525		

2. WITNESS NAME Anwarul Karim	WITNESS SIGNATURE <i>Anwarul Karim</i>	DATE 1/31/07
ADDRESS 1610 W. Willow Wood Dr.		
Peoria, IL 61614		

5. FULL NAME OF FIFTH ASSIGNOR, IF ANY John Roger Weber	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 15905 N. Brougham Dr.		CITIZENSHIP USA
Chillicothe, IL 61523		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

6. FULL NAME OF SIXTH ASSIGNOR, IF ANY Ronak Dhanendrakumar Shah	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1418 W. Covington CT., Apt. 1		CITIZENSHIP India
Peoria, IL 61614		


1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

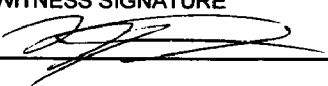
2. WITNESS NAME	WITNESS SIGNATURE	DATE
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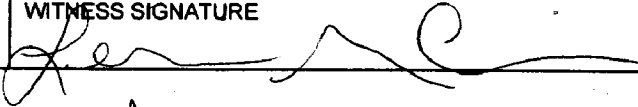
7. FULL NAME OF SEVENTH ASSIGNOR, IF ANY Robert Lee Meyer	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 408 Elizabeth Pointe Dr.		CITIZENSHIP USA
Metamora, IL 61548		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

8. FULL NAME OF EIGHTH ASSIGNOR, IF ANY Jonas Arūnas Aleksonis	ASSIGNOR'S SIGNATURE 	DATE 01-31-07
ADDRESS 7048 N. Aycliffe Dr.		CITIZENSHIP USA
Peoria, IL 61614		

1. WITNESS NAME Nelson J. Arzola	WITNESS SIGNATURE 	DATE 01/31/07
ADDRESS 6008 W Sioux Trail		
Peoria IL 61607		

2. WITNESS NAME Hestie M. Collins	WITNESS SIGNATURE 	DATE 1/31/07
ADDRESS 1500 W Blue Sage Dr Apt 1215		
Peoria, IL 61615		

**ASSIGNMENT**

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**EXHAUST TREATMENT DEVICE HAVING FLOW-PROMOTING END CAPS**

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AND, WE HEREBY covenant that 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, 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 OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Philip Stephen Bruza		
ADDRESS		CITIZENSHIP
6807 N. Terra Vista Dr., Apt. 307		USA
Peoria, IL 61614		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Darrel Henry Meffert	ASSIGNOR'S SIGNATURE <i>Darrel H. Meffert</i>	DATE Feb. 1, 2007
ADDRESS 1268 Calle Libro Del Retrato		CITIZENSHIP USA
Sahuarita, AZ 85629		

1. WITNESS NAME <i>RAYMOND GILSEY MEERS</i>	WITNESS SIGNATURE <i>Raymond Gilsey Meers</i>	DATE <i>FEB, 1, 2007</i>
ADDRESS <i>1402 PLACITA REAL</i>		<i>USA</i>
<i>GREEN VALLEY, AZ 85614</i>		

2. WITNESS NAME <i>E. Gregory Hernandez</i>	WITNESS SIGNATURE <i>E. Gregory Hernandez</i>	DATE <i>1 Feb. 07</i>
ADDRESS <i>8912 N. 104 Ln.</i>		<i>USA</i>
<i>PEORIA, AZ 85345</i>		



3. FULL NAME OF THIRD ASSIGNOR, IF ANY Michael James Pollard	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 2126 W. Gerald Dr.	CITIZENSHIP USA and Canada	
Peoria, IL 61615		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
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4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Timothy John Boland	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1017 Redbud Ln.	CITIZENSHIP USA	
Eureka, IL 61530		

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5. FULL NAME OF FIFTH ASSIGNOR, IF ANY John Roger Weber	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 15905 N. Brougham Dr.		CITIZENSHIP USA
Chillicothe, IL 61523		

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6. FULL NAME OF SIXTH ASSIGNOR, IF ANY Ronak Dhanendrakumar Shah	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1418 W. Covington CT., Apt. 1		CITIZENSHIP India
Peoria, IL 61614		

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7. FULL NAME OF SEVENTH ASSIGNOR, IF ANY <b>Robert Lee Meyer</b>	ASSIGNOR'S SIGNATURE	DATE
ADDRESS <b>408 Elizabeth Pointe Dr.</b>		CITIZENSHIP <b>USA</b>
<b>Metamora, IL 61548</b>		

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8. FULL NAME OF EIGHTH ASSIGNOR, IF ANY <b>Jonas Arūnas Aleksonis</b>	ASSIGNOR'S SIGNATURE	DATE
ADDRESS <b>7048 N. Aycliffe Dr.</b>		CITIZENSHIP <b>USA</b>
<b>Peoria, IL 61614</b>		

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Philip Stephen Bruza		
ADDRESS		CITIZENSHIP
6807 N. Terra Vista Dr., Apt. 307		USA
Peoria, IL 61614		

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ADDRESS 1268 Calle Libro Del Retrato		CITIZENSHIP USA
Sahuarita, AZ 85629		

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3. FULL NAME OF THIRD ASSIGNOR, IF ANY Michael James Pollard	ASSIGNOR'S SIGNATURE <i>Michael J. Pollard</i>	DATE 2/1/07
ADDRESS 2126 W. Gerald Dr.		CITIZENSHIP USA and Canada
Peoria, IL 61615		

1. WITNESS NAME <i>Nathaniel Phillips</i>	WITNESS SIGNATURE <i>Nath Phillips</i>	DATE 2/1/07
ADDRESS 1700 W. Hickory Grove Rd Apt 3-103		USA
Dunlap, IL 61525		

2. WITNESS NAME <i>Jeff A. Jensen</i>	WITNESS SIGNATURE <i>Jeff A. Jensen</i>	DATE 2/1/07
ADDRESS 723 S. Prairieview Dr.		USA
Dunlap, IL 61525		

4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Timothy John Boland	ASSIGNOR'S SIGNATURE	DATE
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Metamora, IL 61548		

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Peoria, IL 61614		

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Philip Stephen Bruza		
ADDRESS		CITIZENSHIP
6807 N. Terra Vista Dr., Apt. 307		USA
Peoria, IL 61614		

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ADDRESS <b>2126 W. Gerald Dr.</b>		CITIZENSHIP <b>USA and Canada</b>
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ADDRESS <b>1017 Redbud Ln.</b>		CITIZENSHIP <b>USA</b>
<b>Eureka, IL 61530</b>		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

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ADDRESS		

5. FULL NAME OF FIFTH ASSIGNOR, IF ANY John Roger Weber	ASSIGNOR'S SIGNATURE <i>John Roger Weber</i>	DATE Jan 31, 2007
ADDRESS 15905 N. Brougham Dr.		CITIZENSHIP USA
Chillicothe, IL 61523		

1. WITNESS NAME Nathan R. Bjerk	WITNESS SIGNATURE <i>Nathan R. Bjerk</i>	DATE 1/31/2007
ADDRESS 311 S. Hollybrook Drive		
Chillicothe, IL 61523		

2. WITNESS NAME Don Sit	WITNESS SIGNATURE <i>Don Sit</i>	DATE 1/31/2007
ADDRESS 10737 N Bodell Dr.		
Peoria, IL 61615		

6. FULL NAME OF SIXTH ASSIGNOR, IF ANY Ronak Dhanendrakumar Shah	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1418 W. Covington CT., Apt. 1		CITIZENSHIP India
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ADDRESS <b>408 Elizabeth Pointe Dr.</b>		CITIZENSHIP <b>USA</b>
<b>Metamora, IL 61548</b>		

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8. FULL NAME OF EIGHTH ASSIGNOR, IF ANY <b>Jonas Arūnas Aleksonis</b>	ASSIGNOR'S SIGNATURE	DATE
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for which we executed an application for United States Letters Patent concurrently herewith and

WHEREAS, Caterpillar Inc., a Delaware corporation 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 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, provisional application Serial No. N/A, filed N/A (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 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 I/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 OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Philip Stephen Bruza		
ADDRESS		CITIZENSHIP
6807 N. Terra Vista Dr., Apt. 307		USA
Peoria, IL 61614		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Darrel Henry Meffert	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1268 Calle Libro Del Retrato		CITIZENSHIP USA
Sahuarita, AZ 85629		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Michael James Pollard	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 2126 W. Gerald Dr.		CITIZENSHIP USA and Canada
Peoria, IL 61615		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Timothy John Boland	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1017 Redbud Ln.		CITIZENSHIP USA
Eureka, IL 61530		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		



5. FULL NAME OF FIFTH ASSIGNOR, IF ANY John Roger Weber	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 15905 N. Brougham Dr.		CITIZENSHIP USA
Chillicothe, IL 61523		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

6. FULL NAME OF SIXTH ASSIGNOR, IF ANY Ronak Dhanendrakumar Shah	ASSIGNOR'S SIGNATURE <i>R.D. Shah</i>	DATE 01/31/07
ADDRESS 1418 W. Covington CT., Apt. 1		CITIZENSHIP India
Peoria, IL 61614		

1. WITNESS NAME <i>Bernard G. Richards</i>	WITNESS SIGNATURE <i>Bernard G. Richards</i>	DATE 01/31/07
ADDRESS <i>205 W. Truitt Rd</i>		
<i>Chillicothe, IL 61523</i>		

2. WITNESS NAME <i>Matthew Rademacher</i>	WITNESS SIGNATURE <i>Matthew Rademacher</i>	DATE 1/31/2007
ADDRESS <i>417 Brookcrest Dr.</i>		
<i>Washington, IL 61571</i>		

7. FULL NAME OF SEVENTH ASSIGNOR, IF ANY Robert Lee Meyer	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 408 Elizabeth Pointe Dr.		CITIZENSHIP USA
Metamora, IL 61548		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

8. FULL NAME OF EIGHTH ASSIGNOR, IF ANY Jonas Arūnas Aleksonis	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 7048 N. Aycliffe Dr.		CITIZENSHIP USA
Peoria, IL 61614		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

**ASSIGNMENT**

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

**EXHAUST TREATMENT DEVICE HAVING FLOW-PROMOTING END CAPS**

for which we executed an application for United States Letters Patent concurrently herewith and

WHEREAS, Caterpillar Inc., a Delaware corporation 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 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, provisional application Serial No. N/A, filed N/A (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 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 I/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 OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
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Peoria, IL 61614		

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2. WITNESS NAME	WITNESS SIGNATURE	DATE
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2. FULL NAME OF SECOND ASSIGNOR, IF ANY <b>Darrel Henry Meffert</b>	ASSIGNOR'S SIGNATURE	DATE
ADDRESS <b>1268 Calle Libro Del Retrato</b>		CITIZENSHIP <b>USA</b>
<b>Sahuarita, AZ 85629</b>		

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6. FULL NAME OF SIXTH ASSIGNOR, IF ANY Ronak Dhanendrakumar Shah	ASSIGNOR'S SIGNATURE	DATE
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1. WITNESS NAME	WITNESS SIGNATURE	DATE
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2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

7. FULL NAME OF SEVENTH ASSIGNOR, IF ANY Robert Lee Meyer	ASSIGNOR'S SIGNATURE <i>Robert L Meyer</i>	DATE 1-31-07
ADDRESS 408 Elizabeth Pointe Dr.		CITIZENSHIP USA
Metamora, IL 61548		

1. WITNESS NAME JOSEPH H. TAYLOR	WITNESS SIGNATURE <i>Joseph H. Taylor</i>	DATE 1-31-07
ADDRESS 5651 N. HAMILTON RD		
PEORIA, IL 61614		

2. WITNESS NAME CHRISTOPHER E. MAHAN	WITNESS SIGNATURE <i>Christopher E. Mahan</i>	DATE 1-31-07
ADDRESS 5320 N. GLEN ELM DR.		
PEORIA HEIGHTS, IL 61614		

8. FULL NAME OF EIGHTH ASSIGNOR, IF ANY Jonas Arūnas Aleksonis	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 7048 N. Aycliffe Dr.		CITIZENSHIP USA
Peoria, IL 61614		

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
11/700,190	01/31/2007	Philip S. Bruza	08350.6619-00000

RECEIVED

CONFIRMATION NO. 7927  
FORMALITIES  
LETTER

58982  
CATERPILLAR/FINNEGAN, HENDERSON, L.L.P.  
901 New York Avenue, NW  
WASHINGTON, DC 20001-4413

MAR 01 2007

FINNEGAN, HENDERSON, FARABOW,  
GARRETT AND BUNNER, LLP

Date Mailed: 02/26/2007

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing. *A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*  
*Note: If a petition under 37 CFR 1.47 is being filed, an oath or declaration in compliance with 37 CFR 1.63 signed by all available joint inventors, or if no inventor is available by a party with sufficient proprietary interest, is required.*

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.16(f) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$130** for a non-small entity

- **\$130** Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents

3/1/07 ✓  
DWH, CPI,  
MJR, CHW  
08350.6619  
4-26-07  
Decl / schg due  
PON



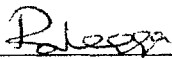
P.O. Box 1450  
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

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*If you are not using EFS-Web to submit your reply, you must include a copy of this notice.*

  
Office of Initial Patent Examination (571) 272-4000, or 1-800-PTO-9199, or 1-800-972-6382  
PART 1 - ATTORNEY/APPLICANT COPY