

U.S. PTO

12/068489

02-19-2008

FORM PTO-1595 02/07/2008 RE
1-31-92

103483158

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08350.7219
Attorney Customer Number: 58,98

Mail Stop Assignment Recordation Service

To the Director of the U.S. Patent and Trade.

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): a) Dennis P. HOLLER f) Randall J. ANLIKER b) Scott D. VOLLMER g) Michael W. EDWARDS c) Travis S. JOHNSON h) Larry L. SPURGEON d) Sudhakar R. KAKANI i) Victor L. SHELDON, Jr. e) Matthew R. HULEN j) Robert C. HORST		2. Name and address of receiving party(ies): Name: Caterpillar Inc.	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address: Intellectual Property Department	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger		Street Address: 100 N.E. Adams Street	
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: IL	Zip Code: 61629-6490
<input type="checkbox"/> Other:		Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Execution Date: a) May 25, 2007 f) May 23, 2007 b) May 23, 2007 g) May 25, 2007 c) May 25, 2007 h) May 30, 2007 d) May 25, 2007 i) May 29, 2007 e) May 29, 2007 j) May 23, 2007			

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 25, 2007; b) May 23, 2007; c) May 25, 2007; d) May 25, 2007; e) May 29, 2007; f) May 23, 2007; g) May 25, 2007; h) May 30, 2007; i) May 29, 2007; j) May 23, 2007

A. Patent Application Number(s): Additional numbers attached?	B. Patent Number(s): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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4. Name and address of party to whom correspondence concerning document should be mailed: Name: Christopher P. Isaac	5. Total number of applications and registrations involved: 1
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.	6. Total fee (37 CFR 3.41): \$40 <input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account) <input type="checkbox"/> Authorized to be charged to deposit account
Street Address: 901 New York Avenue, N.W.	
City: Washington, D.C.	
State: Zip: 20001	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 origin document.

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

Signature

February 7, 2008

Date

Total number of pages including cover sheet, attachments and documents: 37

PATENT
REEL: 020539 FRAME: 0408

U.S. PTO
12/068489
02/07/2008

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.7219
Client Ref. No. 07-219

ASSIGNMENT

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

ENGINE SYSTEM HAVING DEDICATED THERMAL MANAGEMENT SYSTEM

for which I executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on () (Serial No.); 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 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, as Assignor, 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 entire right, title, and interest in and to this invention, provisional application Serial No. , filed , 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, 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 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 HEREBY covenant that I 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 HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me 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 have hereunto set my hands.

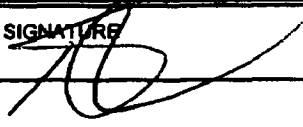

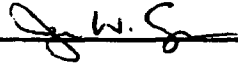
1. FULL NAME OF SOLE OR FIRST ASSIGNOR Dennis P. HOLLER	ASSIGNOR'S SIGNATURE 	DATE 5/25/2007
ADDRESS 2707 Henderson Avenue, West Lafayette, IN 47906		CITIZENSHIP USA

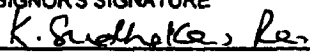
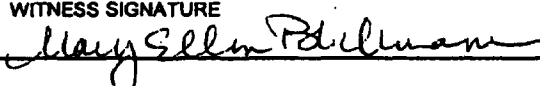
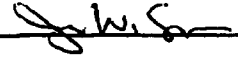
Listing of Inventors Continued on Page 2 hereof ☒ Yes ☐ No

1. WITNESS NAME Mary Ellen Blichmann	WITNESS SIGNATURE Mary Ellen Blichmann	DATE 5/25/07
ADDRESS 912 Logan Ave., Lafayette, IN 47905		CITIZENSHIP USA
2. WITNESS NAME Jason W. Spear	WITNESS SIGNATURE Jason W. Spear	DATE 5/25/07
ADDRESS 3835 Peskewa Ct. Lafayette, IN 47905		CITIZENSHIP

2. FULL NAME OF SECOND ASSIGNOR Scott D. VOLLMER	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 925 Haldemann Avenue, Joliet, IL 60436		CITIZENSHIP USA
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 Travis S. JOHNSON		ASSIGNOR'S SIGNATURE 	DATE 5/25/07
ADDRESS 3349 Peppermill Drive, West Lafayette, IN 47906		CITIZENSHIP USA	
1. WITNESS NAME Mary Ellen Blichmann		WITNESS SIGNATURE 	DATE 5/25/07
ADDRESS 912 Logan Ave, Lafayette, IN 47905		CITIZENSHIP USA	
2. WITNESS NAME Jason W. Spear		WITNESS SIGNATURE 	DATE 5/25/07
ADDRESS 3835 Peshana CT. Lafayette, IN. 47905		CITIZENSHIP USA	

4. FULL NAME OF FOURTH ASSIGNOR Sudhakar R. KAKANI		ASSIGNOR'S SIGNATURE 	DATE 05/25/07
ADDRESS 64 Steeplechase Court, Lafayette, IN 47905		CITIZENSHIP USA	
1. WITNESS NAME Mary Ellen Blichmann		WITNESS SIGNATURE 	DATE 5/25/07
ADDRESS 912 Logan Ave, Lafayette, IN 47905		CITIZENSHIP USA	
2. WITNESS NAME Jason Spear		WITNESS SIGNATURE 	DATE 5/25/07
ADDRESS 3835 Peshana CT. Lafayette, IN. 47905		CITIZENSHIP USA	

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

5. FULL NAME OF FIFTH ASSIGNOR Matthew R. HULEN		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 3401 Hopkins Drive, West Lafayette, IN 47906		CITIZENSHIP USA	
1. WITNESS NAME	WITNESS SIGNATURE		DATE
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2. WITNESS NAME	WITNESS SIGNATURE		DATE
ADDRESS		CITIZENSHIP	

6. FULL NAME OF SIXTH ASSIGNOR Randall J. ANLIKER		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 127 State Street, Francesville, IN 47946		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 Michael W. EDWARDS		ASSIGNOR'S SIGNATURE <i>Michael W Edwards</i>	DATE 5-25-07
ADDRESS 501 Sharon Road, West Lafayette, IN 47906		CITIZENSHIP USA	
1. WITNESS NAME <i>Paul R. Mineart, Jr.</i>		WITNESS SIGNATURE <i>Paul R. Mineart, Jr.</i>	DATE 5-25-07
ADDRESS 44 Fairfieldview Ct., Lafayette, IN 47905		CITIZENSHIP USA	
2. WITNESS NAME <i>Andrew Heber</i>		WITNESS SIGNATURE <i>Andrew Heber</i>	DATE 5/25/07
ADDRESS 2724 Narragansett Way, Lafayette IN 47909		CITIZENSHIP USA	

8. FULL NAME OF EIGHTH ASSIGNOR Larry L. SPURGEON		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 502 North Abigail Street, Rensselaer, IN 47978		CITIZENSHIP USA	
1. WITNESS NAME		WITNESS SIGNATURE	DATE
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2. WITNESS NAME		WITNESS SIGNATURE	DATE
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Listing of Inventors Continued on Page 6 hereof ☒ Yes ☐ No

9. FULL NAME OF NINTH ASSIGNOR Victor L. SHELDON, Jr.	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 3422 Lost Oak Drive, Spring, TX 77388		CITIZENSHIP USA
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

10. FULL NAME OF TENTH ASSIGNOR Robert C. HORST	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 2541 Brockton Circle, Naperville, IL 60565		CITIZENSHIP USA
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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, as Assignor, 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 entire right, title, and interest in and to this invention, provisional application Serial No. _____, filed _____, 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, 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 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 HEREBY covenant that I 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 HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me 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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Listing of Inventors Continued on Page 2 hereof ☒ Yes ☐ No

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2. FULL NAME OF SECOND ASSIGNOR Scott D. VOLLMER	ASSIGNOR'S SIGNATURE <i>Scott D. Vollmer</i>	DATE 23 May 2007
ADDRESS 925 Haldemann Avenue, Joliet, IL 60436		CITIZENSHIP USA
1. WITNESS NAME DAVID T KEENAN	WITNESS SIGNATURE <i>David T Keenan</i>	DATE 05.23.07
ADDRESS 2812 MARQUETTE RD PERU, IL 61354		CITIZENSHIP US
2. WITNESS NAME Richard M Hyde	WITNESS SIGNATURE <i>Richard M Hyde</i>	DATE 23 May 2007
ADDRESS 3112 Saganashkee Ln Naperville IL 60564		CITIZENSHIP USA

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

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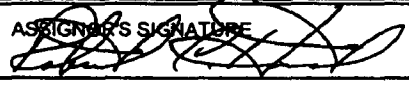
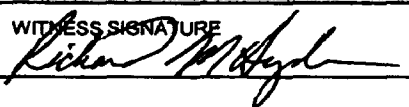

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2. WITNESS NAME DAVID T KEENAN	WITNESS SIGNATURE 		DATE 05.23.07
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NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, 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 entire right, title, and interest in and to this invention, provisional application Serial No. _____, filed _____, 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, 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 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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Listing of Inventors Continued on Page 2 hereof ☒ Yes ☐ No

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

5. FULL NAME OF FIFTH ASSIGNOR Matthew R. HULEN		ASSIGNOR'S SIGNATURE 	DATE 5-29-07
ADDRESS 3401 Hopkins Drive, West Lafayette, IN 47906			CITIZENSHIP USA
1. WITNESS NAME Michael R. Hess		WITNESS SIGNATURE 	DATE 5-29-2007
ADDRESS 284 Sinclair Dr., West Lafayette, IN 47906			CITIZENSHIP USA
2. WITNESS NAME RHETT D. RINGENBERGER		WITNESS SIGNATURE	DATE 5/29/07
ADDRESS 603 Vineyards Ct. Lafayette, IN 47905			CITIZENSHIP USA

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for which I executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on () (Serial No.); 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 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, as Assignor, 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 entire right, title, and interest in and to this invention, provisional application Serial No. , filed , 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, 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 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 HEREBY covenant that I 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 HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me 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 have hereunto set my hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Dennis P. HOLLER	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 2707 Henderson Avenue, West Lafayette, IN 47906		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 Scott D. VOLLMER	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 925 Haldemann Avenue, Joliet, IL 60436		CITIZENSHIP USA
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 Travis S. JOHNSON		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 3349 Peppermill Drive, West Lafayette, IN 47906		CITIZENSHIP USA	
1. WITNESS NAME	WITNESS SIGNATURE		DATE
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ADDRESS		CITIZENSHIP	

4. FULL NAME OF FOURTH ASSIGNOR Sudhakar R. KAKANI		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 64 Steeplechase Court, Lafayette, IN 47905		CITIZENSHIP USA	
1. WITNESS NAME	WITNESS SIGNATURE		DATE
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Listing of Inventors Continued on Page 4 hereof ☒ Yes ☐ No

5. FULL NAME OF FIFTH ASSIGNOR Matthew R. HULEN		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 3401 Hopkins Drive, West Lafayette, IN 47906		CITIZENSHIP USA	
1. WITNESS NAME	WITNESS SIGNATURE		DATE
ADDRESS		CITIZENSHIP	
2. WITNESS NAME	WITNESS SIGNATURE		DATE
ADDRESS		CITIZENSHIP	

6. FULL NAME OF SIXTH ASSIGNOR Randall J. ANLIKER		ASSIGNOR'S SIGNATURE <i>Randall J. Anliker</i>	DATE 23 MAY 07
ADDRESS 127 State Street, Francesville, IN 47946		CITIZENSHIP USA	
1. WITNESS NAME Jack E. Sanders	WITNESS SIGNATURE <i>Jack E. Sanders</i>		DATE 23 MAY 07
ADDRESS 340 Virginia Highlands, Fayetteville, GA 30215		CITIZENSHIP USA	
2. WITNESS NAME Emily C. Richmond-Taylor	WITNESS SIGNATURE <i>Emily C. Richmond-Taylor</i>		DATE 23 MAY 07
ADDRESS 823 Pamela Drive Griffin GA 30224		CITIZENSHIP USA	

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

7. FULL NAME OF SEVENTH ASSIGNOR Michael W. EDWARDS		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 501 Sharon Road, West Lafayette, IN 47906		CITIZENSHIP USA	
1. WITNESS NAME	WITNESS SIGNATURE	DATE	
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8. FULL NAME OF EIGHTH ASSIGNOR Larry L. SPURGEON		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 502 North Abigail Street, Rensselaer, IN 47978		CITIZENSHIP USA	
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Listing of Inventors Continued on Page 6 hereof ☒ Yes ☐ No

9. FULL NAME OF NINTH ASSIGNOR Victor L. SHELDON, Jr.		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 3422 Lost Oak Drive, Spring, TX 77388		CITIZENSHIP USA	
1. WITNESS NAME	WITNESS SIGNATURE		DATE
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10. FULL NAME OF TENTH ASSIGNOR Robert C. HORST		ASSIGNOR'S SIGNATURE	DATE
ADDRESS 2541 Brockton Circle, Naperville, IL 60565		CITIZENSHIP USA	
1. WITNESS NAME	WITNESS SIGNATURE		DATE
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ASSIGNMENT

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

ENGINE SYSTEM HAVING DEDICATED THERMAL MANAGEMENT SYSTEM

for which I executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on () (Serial No. _____); 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 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, as Assignor, 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 entire right, title, and interest in and to this invention, provisional application Serial No. _____, filed _____, 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, 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 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 HEREBY covenant that I 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 HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me 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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Listing of Inventors Continued on Page 2 hereof ☒ Yes ☐ No

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

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

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

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8. FULL NAME OF EIGHTH ASSIGNOR Larry L. SPURGEON		ASSIGNOR'S SIGNATURE 	DATE 5/30/07
ADDRESS 502 North Abigail Street, Rensselaer, IN 47978		CITIZENSHIP USA	
1. WITNESS NAME NATHAN A. CARLSON		WITNESS SIGNATURE Nathan A. Carlson	DATE 5/30/07
ADDRESS 117 Jodiah Place, LAFAYETTE, IN 47909		CITIZENSHIP USA	
2. WITNESS NAME BRIAN S. JOHNSTON		WITNESS SIGNATURE Brian S. Johnston	DATE 5.30.07
ADDRESS 1413 WOODBINE DR ANDERSON IN 46011		CITIZENSHIP USA	

Listing of Inventors Continued on Page 6 hereof ☒ Yes ☐ No

9. FULL NAME OF NINTH ASSIGNOR Victor L. SHELDON, Jr.		ASSIGNOR'S SIGNATURE	DATE
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Listing of Inventors Continued on Page 4 hereof ☒ Yes ☐ No

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Listing of Inventors Continued on Page 6 hereof ☒ Yes ☐ No

9. FULL NAME OF NINTH ASSIGNOR Victor L. SHELDON, Jr.		ASSIGNOR'S SIGNATURE <i>Victor L. Sheldon Jr.</i>	DATE 29 May 2007
ADDRESS 3422 Lost Oak Drive, Spring, TX 77388		CITIZENSHIP USA	
1. WITNESS NAME Stephanie B. Castell		WITNESS SIGNATURE <i>Stephanie B. Castell</i>	DATE 5-29-07
ADDRESS 18803 Big Cypress Drive Spring, Tx 77388		CITIZENSHIP USA	
2. WITNESS NAME Jewell D. Sheldon		WITNESS SIGNATURE <i>Jewell D. Sheldon</i>	DATE May 29, 2007
ADDRESS 3422 Lost Oak Dr. Spring, Tx 77388		CITIZENSHIP U.S.A.	

10. FULL NAME OF TENTH ASSIGNOR Robert C. HORST		ASSIGNOR'S SIGNATURE	DATE
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