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01-13-2006



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Mail Stop Assignment Recordation Services

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

1. Name of conveying parties:
(1) David M. Thaler
(2) Richard Crandell
(3) Kevin Daly

Name and address of receiving party:
Name: CATERPILLAR INC.

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

Internal Address:

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

Other:

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

Execution Date:
(1) December 20, 2005
(2) December 20, 2005
(3) December 19, 2005

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:
(1) December 20, 2005
(2) December 20, 2005
(3) December 19, 2005

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

C. Patent Number(s):

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

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

Name: Timothy McAnulty

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

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

Enclosed (Please charge deficiency to deposit account)
 Authorized to be charged to deposit account

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

City: Washington

State: DC 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.

Timothy McAnulty
Reg. No. 56,939

Signature

January 6, 2006
Date

Total number of pages including cover sheet, attachments and documents: 7

113243 U.S. PTO
11/13/2005
016606

01/10/2006 CNGUYEN2 00000010 11326190

04 FC:8021 (40.00 OP)

ASSIGNMENT

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

THERMAL EXPANSION JOINT

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on ____, 20__ (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 to be jointly owned by each;

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 Assignees are 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 Assignees, their 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 Assignees, their 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 Assignees, their 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 Assignees, their successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignees, their 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 Assignees, their successors and assigns.

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

| | | |
|---|----------------------|-----------------------|
| 1. FULL NAME OF SOLE OR FIRST ASSIGNOR David M. Thaler | ASSIGNOR'S SIGNATURE | DATE |
| ADDRESS P.O. Box 301, Mossville, Illinois 61552 | | CITIZENSHIP U.S.A. |
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|-----------------|-------------------|-------------|
| 1. WITNESS NAME | WITNESS SIGNATURE | DATE |
| ADDRESS | | CITIZENSHIP |
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| 2. WITNESS NAME | WITNESS SIGNATURE | DATE |
| ADDRESS | | CITIZENSHIP |
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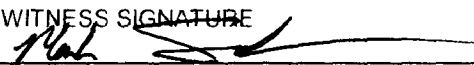
| | | |
|--|----------------------|-------------|
| 2. FULL NAME OF SECOND ASSIGNOR | ASSIGNOR'S SIGNATURE | DATE |
| Richard A. Crandell | | |
| ADDRESS | | CITIZENSHIP |
| 1025 Johnson St. Morton Illinois 61550 | | U.S.A. |
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|-----------------|-------------------|-------------|
| 1. WITNESS NAME | WITNESS SIGNATURE | DATE |
| ADDRESS | | CITIZENSHIP |
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| 2. WITNESS NAME | WITNESS SIGNATURE | DATE |
| ADDRESS | | CITIZENSHIP |
| | | |

| | | |
|---|----------------------|-------------|
| 3. FULL NAME OF THIRD ASSIGNOR | ASSIGNOR'S SIGNATURE | DATE |
| Kevin A. Daly | <i>Kevin A. Daly</i> | 12/19 |
| ADDRESS | | CITIZENSHIP |
| 5426 Ronald Rd, Peoria, Illinois, 61614 | | U.S.A. |
| | | |

| | | |
|--|---|-----------------------|
| 1. WITNESS NAME John W. Koff | WITNESS SIGNATURE  | DATE 12-19-05 |
| ADDRESS 484 S. Saangetaha Rd Apt #18 Colesburg, IL 61401 | | CITIZENSHIP U.S.A. |

| | | |
|---|---|-----------------------|
| 2. WITNESS NAME Mark Schore | WITNESS SIGNATURE  | DATE 12-19-05 |
| ADDRESS 6625 N Big Hollow Dr Apt 303 Peoria, IL 61615 | | CITIZENSHIP U.S.A. |

ASSIGNMENT

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

THERMAL EXPANSION JOINT

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on ___, 20___ (Serial No. ___); and

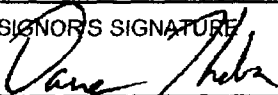
WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is 100 N.E. Adams Street, Peoria, IL 61629-6490 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application to be jointly owned by each;

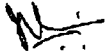
NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignees are hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignees, their 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 Assignees, their 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;

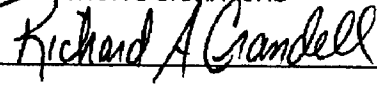
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignees, their successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignees, their successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignees, their 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 Assignees, their successors and assigns.

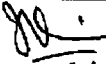
IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

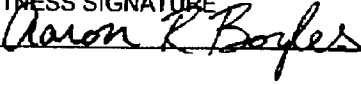
| | | |
|---|---|--------------------|
| 1. FULL NAME OF SOLE OR FIRST ASSIGNOR David M. Thaler | ASSIGNOR'S SIGNATURE  | DATE 12/20/2005 |
| ADDRESS P.O. Box 301, Mossville, Illinois 61552 | CITIZENSHIP U.S.A. | |
| | | |

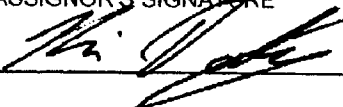
| | | |
|--|---|------------------|
| 1. WITNESS NAME FAIZ KHAN | WITNESS SIGNATURE  | DATE 12-20-05 |
| ADDRESS 7150 N. TERRA VISTA DR #807 | | CITIZENSHIP |
| PEORIA, IL, 61614 | | INDIA |

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| 2. WITNESS NAME Aaron Boyles | WITNESS SIGNATURE  | DATE 12-20-05 |
| ADDRESS 201 N. LINN HILL LANE | | CITIZENSHIP USA |
| Washington, IL 61571 | | |

| | | |
|--|--|-----------------------|
| 2. FULL NAME OF SECOND ASSIGNOR Richard A. Crandell | ASSIGNOR'S SIGNATURE  | DATE 12/20/2005 |
| ADDRESS 1025 Johnson St. Morton Illinois 61550 | | CITIZENSHIP U.S.A. |

| | | |
|---|---|------------------|
| 1. WITNESS NAME FAIZ KHAN | WITNESS SIGNATURE  | DATE 12-20-05 |
| ADDRESS 7150 N. TERRA VISTA DR # 807 | | CITIZENSHIP |
| PEORIA, IL, 61614 | | INDIA |

| | | |
|----------------------------------|---|--------------------|
| 2. WITNESS NAME Aaron Boyles | WITNESS SIGNATURE  | DATE 12-20-05 |
| ADDRESS 201 N. LINN HILL LANE | | CITIZENSHIP USA |
| Washington, IL 61571 | | |

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| 3. FULL NAME OF THIRD ASSIGNOR Kevin A. Daly | ASSIGNOR'S SIGNATURE  | DATE 12/20/05 |
| ADDRESS 5426 Ronald Rd, Peoria, Illinois, 61614 | | CITIZENSHIP U.S.A. |

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|---|---|------------------------------|
| 1. WITNESS NAME <i>John Wikoff</i> | WITNESS SIGNATURE <i>John Wikoff</i> | DATE <i>12-20-05</i> |
| ADDRESS <i>484 S. Soangetaha Rd. Apt #18</i> | | CITIZENSHIP <i>U.S.A.</i> |
| <i>Galesburg, IL 61401</i> | | |

| | | |
|---|---|--------------------------|
| 2. WITNESS NAME <i>Mark Schone</i> | WITNESS SIGNATURE <i>Mark Schone</i> | DATE <i>12-20-05</i> |
| ADDRESS <i>6625 N Big Hollow Apt 303</i> | | CITIZENSHIP <i>US</i> |
| <i>Peoria, IL 61615</i> | | |