

01-03-2002

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To the Commissioner for Patents: Please record the attached original document hereof.

 JC927 U.S. PTO  
 10/025697

## 1. Name of conveying party(ies):

 John R. Gladden  
 Beth A. Hinchee

 mkt  
 12/19/01

Additional name(s) of conveying party(ies) attached?

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

Name: Caterpillar, Inc.

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

100 N.E. Adams StreetCity: Peoria State: IllinoisZip: 61629

## 3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other: \_\_\_\_\_Execution Date: October 11 & December 10, 2001

## 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 is: Oct. 1 & Dec. 10, 2001

A. Patent Application No. (s):

10025697

B. Patent No.(s): \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

Name: Todd T. Taylor, Esq.Taylor & Aust, P.C.

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

142 South Main StreetP.O. Box 560City: Avilla State: INZip: 467106. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41):

\$40.00☒ Enclosed☒ Authorized to be charged to deposit account if any deficiencies.

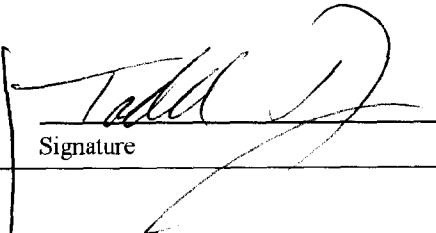
## 8. Deposit account number:

20-0095

## 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.

 Todd T. Taylor, Reg. No. 36,945  
 Name of Person Signing

  
 Signature

December 19, 2001  
 Date

12/27/2001 MDAWTE1 00000047 10025697

02 FC:581

40.00 OP

00-411/CAT0094.US

 PATENT  
 REEL: 012406 FRAME: 0519

## ASSIGNMENT

WHEREAS, John R. Gladden, residing at Lafayette, Indiana, hereinafter referred to as ASSIGNOR has invented together with Beth A. Hinchee a new and useful

### ENHANCED RESPONSE TURBOCHARGER USING FLYWHEEL STORAGE

WHEREAS, Caterpillar Inc., a Delaware corporation having a place of business at Peoria, State of Illinois, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR:

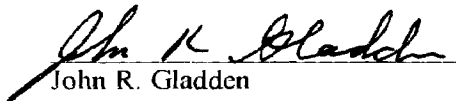
1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.

3. ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Inc.


4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

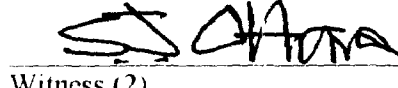
IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

  
John R. Gladden

October 11, 2001  
Date

IN WITNESS OF the execution hereof by John R. Gladden we have hereunto set our hands.

  
Witness (1) \_\_\_\_\_ Date \_\_\_\_\_  
Address: 3351 CRAWFORD STREET  
WEST LAFAYETTE, IN 47906

  
Witness (2) \_\_\_\_\_ Date \_\_\_\_\_  
Address: 2340 S. 950 E.  
ZIONSVILLE IN 46077

## ASSIGNMENT

WHEREAS, Beth A. Hinchee, residing at Kiel, Federal Republic of Germany, hereinafter referred to ASSIGNOR has invented together with John R. Gladden a new and useful

### ENHANCED RESPONSE TURBOCHARGER USING FLYWHEEL STORAGE

WHEREAS, Caterpillar Inc., a Delaware corporation having a place of business at Peoria, State of Illinois, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR:

1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.

3. ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Inc.

4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

Beth A. Hinchee      10 Dec 2001  
Beth A. Hinchee      Date

IN WITNESS OF the execution hereof by Beth A. Hinchee we have hereunto set our hands.

<u>Ernst Schopf</u>	<u>10. Dez. 2001</u>	<u>John R. Gladden</u>	<u>10 Dec 2007</u>
Witness (1)	Date	Witness (2)	Date
Address: <u>Ostlandstr. 24</u>		Address: <u>Kronsberg 15A</u>	
<u>24214 Gethorf</u>		<u>24161 Altenholz</u>	
		<u>Germany</u>	