

01-04-1999

DEPARTMENT OF COMMERCE
and Trademark Office

MRD 12-18-98

RE



100934300

To the Honorable Commissioner of Patent
documents or copy thereof.

Attached original

1. Name of conveying party(ies):

Matthew A. Hartman
Xiaojun (NMI) Zhang
Mark D. Shane
Daniel E. Shearer

Additional Names attached: ☐ Yes ☒ No

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

Name: Caterpillar Inc.

Internal Address:
Intellectual Property Department

Street Address:
100 N.E. Adams Street

City: Peoria State: Illinois

Zip: 61629-6490

3. Nature of Conveyance:

☒ Assignment
☐ Security Agreement
☐ Other

Execution Date(s): 12/17/98

Additional name(s) & addresses
attached? ☐ 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 is 12/17/98.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

Title of Invention: METHOD FOR MONITORING THE POSITION OF A MOTOR GRADER BLADE RELATIVE TO A
MOTOR GRADER FRAME

Attorney Docket No.: 98-379

5. Name and address of party to whom correspon-
dence concerning document should be mailed:

Name: Kevin M. Kercher
CATERPILLAR INC.

Internal Address: Intellectual Property Dept.

Street Address: 100 N. E. Adams Street

City: Peoria State: IL

Zip: 61629-6490

6. Total number of applications and patents
involved [1]

7. Total fee (37 CFR §3.41) \$ 40.00 **E**
☐ Enclosed
☒ Authorized to be charged to deposit
account

8. Deposit account number: 03-1129
(If charged duplicate copy attached)

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.

Kevin M. Kercher
Name of Person Signing

[Signature]
Signature

12/18/98
Date

Total number of pages comprising cover sheet, attachments, and document: [4]

Mail document to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

U.S. PTO
09/21/99
12/18/98

ASSIGNMENT

WHEREAS, MATTHEW A. HARTMAN; XIAOJUN (NMI) ZHANG; MARK D. SHANE; and DANIEL E. SHEARER, residing respectively at Bloomington, Illinois; Peoria, Illinois; Princeville, Illinois; and Metamora, Illinois, hereinafter referred to as ASSIGNORS, have invented a new and useful

METHOD FOR MONITORING THE POSITION OF A MOTOR GRADER BLADE RELATIVE TO A MOTOR GRADER FRAME

for which ASSIGNORS are about to file an international application and/or make application for Letters Patent in the United States of America, such invention being described and identified by said application having an attached International Application Request and/or an attached Declaration and Power of Attorney executed by ASSIGNORS on

December 17, 1998 , December 17, 1998 ,

December 17, 1998 , and December 17, 1998 ; and

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 ASSIGNORS from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNORS;

1. ASSIGNORS hereby sell, assign, transfer and convey 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 ASSIGNORS have the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNORS agree 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. ASSIGNORS hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to CATERPILLAR INC.

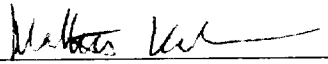
4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNORS, ASSIGNORS' heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNORS have executed this instrument.


MATTHEW A. HARTMAN

12/17/98
Date

IN WITNESS OF the execution hereof by MATTHEW A. HARTMAN we have hereunto set our hands.


Witness (1) 12/17/98 (Date)

Address: 2215 W. Willow Knolls Dr.

Npt 902

Peoria, IL 61614


Witness (2) 12-17-98 (Date)

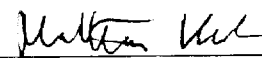
Address: 7150 N. Terra Vista

Peoria, IL 61614


XIAOJUN (NMI) ZHANG

12/17/98
Date

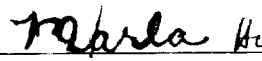
IN WITNESS OF the execution hereof by XIAOJUN (NMI) ZHANG we have hereunto set our hands.


Witness (1) 12/17/98 (Date)

Address: 2215 W. Willow Knolls Dr.

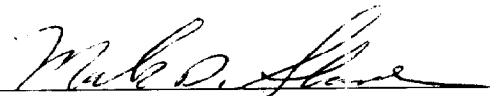
Npt 902

Peoria, IL 61614


Witness (2) 12-17-98 (Date)

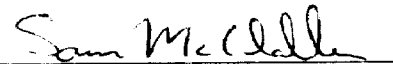
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Date

IN WITNESS OF the execution hereof by MARK D. SHANE we have hereunto set our hands.


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Daniel E. Shearer
DANIEL E. SHEARER

12/17/98
Date

IN WITNESS OF the execution hereof by DANIEL E. SHEARER we have hereunto set our hands.

Nela Mathis 12/17/98
Witness (1) (Date)

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