

05-12-1998

Form PTO-1595  
1-31-92

100707110

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeU.S. PTO  
09/069423  
04/29/98

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

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

Gary L. Walth  
John P. Hall  
David H. True  
Pushkar Tamhane

Additional Name(s) attached: [ ] Yes [X] No

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

Name: Caterpillar, Inc.Internal Address: Patent DepartmentStreet Address:  
100 N.E. Adams StreetCity: Peoria State: IllinoisZIP: 61629-6490

## 3. Nature of Conveyance:

☒ Assignment  
☐ Security Agreement  
☐ OtherExecution Date(s): 04/28/98Additional name(s) & address(es)  
attached: [ ] Yes [X] 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 04/28/98.A. Patent Application No.(s) 09/069423 Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

Title of Invention: BOOM ASSEMBLY OF A WORK MACHINEAttorney Docket No. 1002-0546Caterpillar Docket No: 97-618

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

Name: Paul J. MaginotMaginot, Addison & Moore

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

Street Address: Bank One Center/Tower  
111 Monument Circle, Suite 3000City: Indianapolis State: INZip: 46204-5130

## 6. Total number of applications and patents involved

[1]

## 7. Total fee (37 CFR 3.41) \$40.00

☒ Enclosed  
☐ Authorized to be charged to deposit account8. Deposit account number: \_\_\_\_\_  
(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.

Paul J. Maginot  
Name of Person SigningPaul J. Maginot  
Signature4/29/98  
Date

Total number of pages comprising cover sheet, attachments, and document: [5]

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

05/08/1998 SSMITH 00000182 09069423  
01 FC:581 40.00 DPCommissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, GARY L. WALTH, residing at Cary, North Carolina, hereinafter referred to as ASSIGNOR, has invented a new and useful

BOOM ASSEMBLY OF A WORK MACHINE

for which ASSIGNOR is 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 ASSIGNOR on 4/28/98; 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 ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

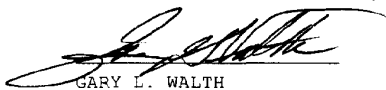
1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue 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 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.

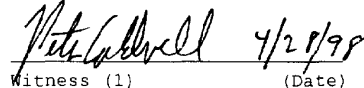
4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR's heirs and legal representatives.

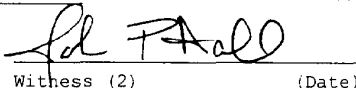
IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

  
GARY L. WALTH

4/28/98  
Date

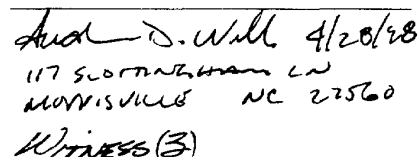
IN WITNESS OF the execution hereof by GARY L. WALTH we have hereunto set our hands.

  
Witness (1) (Date)

  
Witness (2) (Date)

Address: 3001-P Walnut Creek Hwy  
Raleigh NC 27606

Address: 2905 W Nash St  
Wilson NC 27896

  
117 SCOTTSMITH LN  
MORRISVILLE NC 27560  
Witness (3)

ASSIGNMENT

WHEREAS, JOHN P. HALL, residing at Wilson, North Carolina, hereinafter referred to as ASSIGNOR, has invented a new and useful

BOOM ASSEMBLY OF A WORK MACHINE

for which ASSIGNOR is 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 ASSIGNOR on 4/28/98; 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 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 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 P. Hall  
JOHN P. HALL

4/28/98  
Date

IN WITNESS OF the execution hereof by JOHN P. HALL we have hereunto set our hands.

Pete Caldwell 4/28/98  
Witness (1) (Date)

W. C. Schmitt 4/28/98  
Witness (2) (Date)

Address: 3001-P Redfoot Creek Hwy  
Raleigh NC 27606

Address: 3021 Wellington Ridge Loop  
Cary, NC 27511

ASSIGNMENT

WHEREAS, DAVID H. TRUE, residing at Selma, North Carolina, hereinafter referred to as ASSIGNOR, has invented a new and useful

BOOM ASSEMBLY OF A WORK MACHINE

for which ASSIGNOR is 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 ASSIGNOR on 4-28-98; 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 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 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.

David H. True  
DAVID H. TRUE

4-28-98  
Date

IN WITNESS OF the execution hereof by DAVID H. TRUE we have hereunto set our hands.

[Signature] 4/28/98  
Witness (1) (Date)

[Signature]  
Witness (2) (Date)

Address: 104 W. Main St  
Rocky Mt NC 27854

Address: 2905 W Nash St  
Wilson NC 27896

Christina W. Soufer  
Witness (3)  
2425 Pine Tree Ln.  
Rocky Mount, NC 27804

Angela M. Wilson  
Witness (4)  
4552 Winstead Store Road  
Nashville, North Carolina 27856

ASSIGNMENT

WHEREAS, PUSHKAR TAMHANE, residing at Raleigh, North Carolina, hereinafter referred to as ASSIGNOR, has invented a new and useful

BOOM ASSEMBLY OF A WORK MACHINE

for which ASSIGNOR is 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 ASSIGNOR on APRIL 28, 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 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 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.

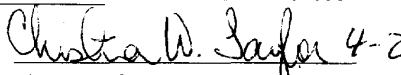
IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

  
\_\_\_\_\_  
PUSHKAR TAMHANE

APRIL 28, 1998  
\_\_\_\_\_  
Date

IN WITNESS OF the execution hereof by PUSHKAR TAMHANE we have hereunto set our hands.

  
\_\_\_\_\_  
Witness (1) (Date)

  
\_\_\_\_\_  
Witness (2) (Date)

Address: 4552 Winstead Store Road  
Nashville, North Carolina 27856  
\_\_\_\_\_

Address: 2425 Pine Tree Ln  
Rocky Mount, NC 27804  
\_\_\_\_\_