

05-27-1999

FORM PTO-159:
1-31-92



101048588

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

COVER SHEET
PATENTS ONLY

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

1. Name of conveying party(ies):

R. Carl Wilbur
John D. Duffy
Douglas W. Koehler
Additional Names attached: [] Yes [X] 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:

[X] Assignment
[] Security Agreement
[] Other

Execution Date(s): 05/14/99, 05/17/99, and 05/17/99

Additional name(s) & addresses 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 05/14/99, 05/17/99, and 05/17/99.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

Title of Invention: METHOD AND APPARATUS FOR CONTROLLING THE ACTUATION OF A HYDRAULIC CYLINDER

Attorney Docket No.: 99-227

5. Name and address of party to whom correspondence 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 ✓
[] Enclosed
[X] 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 [Signature] 05/17/99
Name of Person Signing Signature Date

Total number of pages comprising cover sheet, attachments, and document: [3]

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

Commissioner of Patents and Trademarks
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JCI 95 U.S. PTO
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06/17/99

05/26/1999 NTRAIL 0000010X 031129 09313088

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PATENT
REEL: 009971 FRAME: 0600

ASSIGNMENT

WHEREAS, R. CARL WILBUR; JOHN D. DUFFY; and DOUGLAS W. KOEHLER, residing respectively at Brimfield, Illinois; Peoria, Illinois; and Naperville, Illinois, hereinafter referred to as ASSIGNORS, have invented a new and useful

METHOD AND APPARATUS FOR CONTROLLING THE ACTUATION OF A HYDRAULIC CYLINDER

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

5/14/99 , 5/17/99 , and
5/17/99 ; 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.

R. Carl Wilbur
R. CARL WILBUR

5/14/99
Date

IN WITNESS OF the execution hereof by R. CARL WILBUR we have hereunto set our hands.

Cecilia Walacavage 5/14/99
Witness (1) (Date)

J. W. Burrows 5/14/99
Witness (2) (Date)

Address: 217 E. Caterpillar Trail
East Peoria, IL 61644

Address: 9525 N. Princeton
Jubilee Rd.
Brimfield, IL 61517

John D. Duffy
JOHN D. DUFFY

5/17/99
Date

IN WITNESS OF the execution hereof by JOHN D. DUFFY we have hereunto set our hands.

Liz J Meyer 5/17/99
Witness (1) (Date)

Matthew A. Vandellisch 5/17/99
Witness (2) (Date)

Address: 1001 W. Moss Ave.
Peoria, IL 61606

Address: 5420 Haymeadow Ln, Apt. 3A
Peoria, IL, 61615

Douglas W. Koehler
DOUGLAS W. KOEHLER

5/17/99
Date

IN WITNESS OF the execution hereof by DOUGLAS W. KOEHLER we have hereunto set our hands.

Liz J Meyer 5/17/99
Witness (1) (Date)

Matthew A. Vandellisch 5/17/99
Witness (2) (Date)

Address: 1001 W. Moss Ave.
Peoria, IL 61606

Address: 5420 Haymeadow Ln, Apt 3A
Peoria, IL, 61615