

04-03-2002



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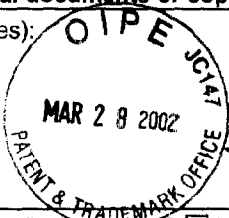
U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 8350.9233-00  
Attorney Customer Number: 22,852

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

102041286

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies): Keith F. Harvey Javad Hosseini Ken Liesener Brad McCunn Gregory Menke	2. Name and address of receiving party(ies): Name: Caterpillar Inc.
---	--



3-28-02

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: Pecria

☐ Security Agreement ☐ Change of Name State: IL Zip Code: 61629-6490

☐ Other: Additional name(s) & Address(es) attached?

Execution Date: March 8, 2002; March 5, 2002; March 5, 2002; March 7, 2002; March 27, 2002, respectively ☐ 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:

A. Patent Application Number(s): B. Patent Number(s):

10/029,815

Additional numbers attached? ☐ Yes ☒ No

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

Name: Christopher P. Isaac

6. Total number of applications and registrations involved: One

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

☒ Enclosed (Please charge deficiency to deposit account)

☐ Authorized to be charged to deposit account

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

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

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.

Christopher P. Isaac, Reg. No. 32,616

Signature

March 28, 2002

Date

Total number of pages including cover sheet, attachments and documents: 21

## ASSIGNMENT

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

### FLUID CLUTCH FILL DETECTION SYSTEM AND METHOD

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on December 28, 2001, (Serial No. 10/029,815); and

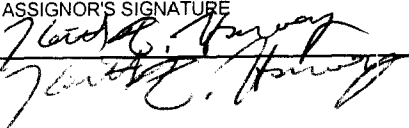
WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is 100 N.E. Adams Street, Peoria, Illinois 61629-6490 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and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

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 Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, provisional application Serial No. [Text], filed [Date] (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 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 Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me 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 Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its 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 Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Keith F. Harvey	ASSIGNOR'S SIGNATURE 	DATE Mar. 8, 2002
ADDRESS 3510 W. Lodi Court, Peoria, IL 61615		CITIZENSHIP USA

Listing of Inventors Continued on Page 2 hereof ■ Yes □ No

1. WITNESS NAME DANIEL M. JEDLIKA	WITNESS SIGNATURE <i>Daniel M. Jedlika</i>	DATE 8 MAR 02
ADDRESS 105 N. Milwaukee Dr. Peoria IL 61615		CITIZENSHIP USA

2. WITNESS NAME Kai H. Shao	WITNESS SIGNATURE <i>Kai H. Shao</i>	DATE 3/8/02
ADDRESS 7110 N. Miramar Dr. Peoria IL 61614		CITIZENSHIP China

1. FULL NAME OF SOLE OR SECOND ASSIGNOR Javad Hosseini	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 412 E. Lake Shore Drive, Edelstein, IL 61526		CITIZENSHIP USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
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1. FULL NAME OF SOLE OR THIRD ASSIGNOR Ken Liesener	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 6811 N. Patricia Lane, Peoria, IL 61614		CITIZENSHIP USA

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1. FULL NAME OF SOLE OR FOURTH ASSIGNOR Brad McGunn	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 2209 Elisa Circle, Eureka, IL 61530		CITIZENSHIP USA

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2. WITNESS NAME	WITNESS SIGNATURE	DATE
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1. FULL NAME OF SOLE OR FIFTH ASSIGNOR Gregory Menke	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 126 Suburban Aire Court. East Peoria, IL 61611		CITIZENSHIP USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
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### FLUID CLUTCH FILL DETECTION SYSTEM AND METHOD

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on December 28, 2001, (Serial No. 10/029,815); and

WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is 100 N.E. Adams Street, Peoria, Illinois 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;

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 Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, provisional application Serial No. [Text], filed [Date] (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 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 Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me 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 Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its 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 Assignee, its successors and assigns.

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1. FULL NAME OF SOLE OR FIRST ASSIGNOR Keith F. Harvey	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 3510 W. Lodi Court, Peoria, IL 61615		CITIZENSHIP USA

Listing of Inventors Continued on Page 2 hereof ■ Yes □ No

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

1. FULL NAME OF SOLE OR SECOND ASSIGNOR Javad Hosseini	ASSIGNOR'S SIGNATURE <i>Javad Hosseini</i>	DATE 3/5/02
ADDRESS 412 E. Lake Shore Drive, Edelstein, IL 61526		CITIZENSHIP USA

1. WITNESS NAME <i>Marvin P. Schneider</i>	WITNESS SIGNATURE <i>Marvin P. Schneider</i>	DATE 5 Mar 2002
ADDRESS 305 High Oak Drive East Peoria IL 61611		CITIZENSHIP USA
2. WITNESS NAME <i>Mary Beth Anderson</i>	WITNESS SIGNATURE <i>Mary Beth Anderson</i>	DATE 3-2-02
ADDRESS 414 W Birchwood Ave Peoria IL 61614		CITIZENSHIP USA

1. FULL NAME OF SOLE OR THIRD ASSIGNOR Ken Liesener	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 6811 N. Patricia Lane, Peoria, IL 61614		CITIZENSHIP USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

1. FULL NAME OF SOLE OR FOURTH ASSIGNOR Brad McCunn	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 2209 Elisa Circle, Eureka, IL 61530		CITIZENSHIP USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP



1. FULL NAME OF SOLE OR FIFTH ASSIGNOR Gredorv Menke	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 126 Suburban Aire Court, East Peoria, IL 61611		CITIZENSHIP USA

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1. FULL NAME OF SOLE OR FIRST ASSIGNOR Keith F. Harvey	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 3510 W. Lodi Court, Peoria, IL 61615		CITIZENSHIP USA

Listing of Inventors Continued on Page 2 hereof ■ Yes □ No

1. WITNESS NAME	WITNESS SIGNATURE	DATE
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1. FULL NAME OF SOLE OR SECOND ASSIGNOR Javad Hosseini	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 412 E. Lake Shore Drive, Edelstein, IL 61526		CITIZENSHIP USA

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ADDRESS		CITIZENSHIP

1. FULL NAME OF SOLE OR THIRD ASSIGNOR Ken Liesener	ASSIGNOR'S SIGNATURE <i>Ken Liesener</i>	DATE 3/5/02
ADDRESS 6811 N. Patricia Lane, Peoria, IL 61614		CITIZENSHIP USA

1. WITNESS NAME <i>Dale T. Call Jr.</i>	WITNESS SIGNATURE <i>Dale T Call Jr.</i>	DATE 3/5/02
ADDRESS <i>109 W. Hallock Hollow Rd Edelstein, IL 61526</i>		CITIZENSHIP USA
2. WITNESS NAME <i>Ryan J. Propst</i>	WITNESS SIGNATURE <i>Ryan J Propst</i>	DATE 3/5/02
ADDRESS <i>1710 N Logan St. Chillicothe, IL 61523</i>		CITIZENSHIP USA

1. FULL NAME OF SOLE OR FOURTH ASSIGNOR Brad McCunn	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 2209 Elisa Circle, Eureka, IL 61530		CITIZENSHIP USA

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ADDRESS		CITIZENSHIP

1. FULL NAME OF SOLE OR FOURTH ASSIGNOR Brad McCunn	ASSIGNOR'S SIGNATURE <i>Brad McCunn</i>	DATE 7 March 2002
ADDRESS 2209 Elisa Circle, Eureka, IL 61530		CITIZENSHIP USA

1. WITNESS NAME Joel Traylor	WITNESS SIGNATURE <i>Joel Traylor</i>	DATE 7 March 2002
ADDRESS 25798 N Venovick Rd Canton, IL 61820		CITIZENSHIP USA

2. WITNESS NAME BRIAN DeBACKER	WITNESS SIGNATURE <i>Brian DeBacker</i>	DATE MARCH 7, 2002
ADDRESS 13108 N. CAVALIER		CITIZENSHIP



1. FULL NAME OF SOLE OR FIFTH ASSIGNOR Gredorv Menke	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 126 Suburban Aire Court, East Peoria, IL 61611		CITIZENSHIP USA

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SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 8350.9233-00  
Client Ref. No. 99-233

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SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 8350.9233-00  
Client Ref. No. 99-233

1. FULL NAME OF SOLE OR FIFTH ASSIGNOR Gregory Menka	ASSIGNOR'S SIGNATURE <i>Gregory A. Menka</i>	DATE 3-27-02
ADDRESS 126 Suburban Aire Court, East Peoria, IL 61611		CITIZENSHIP USA

1. WITNESS NAME <i>Steven Jurick</i>	WITNESS SIGNATURE <i>Steven Jurick</i>	DATE 3-27-02
ADDRESS <i>7150 N. Terra Vista Dr Apt 1411</i> <i>Peoria, IL 61614</i>		CITIZENSHIP USA
2. WITNESS NAME <i>MARK D SHANE</i>	WITNESS SIGNATURE <i>Mark D. Shane</i>	DATE 3-27-02
ADDRESS <i>1604 W. GRAND RIDGE</i> <i>DUNLAP, IL 61525</i>		CITIZENSHIP USA