

09-07-2004



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U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08350.2612
Attorney Customer Number: 22,852

To the Honorable Commissioner of
Please record the attached original

102830811

ATTN: BOX ASSIGNMENTS

1. Name of conveying party(ies):
1) Mark Andrew Sporer
2) Dante Toran Thomas
3) Michael Steven Freberg
4) Paul Anthony Dvorak

7-30-04

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: 1) 8/20/04 3) 8/26/04
2) 8/26/04 4) 8/27/04

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

Name: Caterpillar S.A.R.L.
c/o Caterpillar Overseas S.A.
76 Route de Frontenex
1211 Geneva
SWITZERLAND

22581 U.S. PTO
10/928175
083004

Additional name(s) & Address(es) 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: 1) 8/20/04; 2) 8/26/04; 3) 8/26/04; 4) 8/27/04

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached?

☐ Yes ☒ No

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

Name: Christopher P. Isaac

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

6. Total number of applications and registrations involved:
1

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

- ☒ Enclosed (Please charge deficiency to deposit account)
☐ Authorized to be charged to deposit account

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.

09/03/2004 MGETACHE 00000101 10928175

01 FC:8021

40.00 OP

Dustin T. Johnson
Reg. No. 47,684

Signature

August 30, 2004
Date

Total number of pages including cover sheet, attachments and documents: 7

ASSIGNMENT

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

SYSTEM AND METHOD FOR CONTROLLING HYDRAULIC FLUID FLOW

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on _____, 20____ (Serial No. _____); and

WHEREAS, Caterpillar S.A.R.L., a corporation duly organized and existing under the laws of Switzerland, whose post office address is c/o Caterpillar Overseas S.A., 76, Route de Frontenex, 1211 Geneva, Switzerland (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, my/our entire right, title, and interest in and to this invention, provisional application Serial No. _____, filed _____ (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 I/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 I/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 us 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.

3. FULL NAME OF FIRST ASSIGNOR, IF ANY Mark Andrew Sporer	ASSIGNOR'S SIGNATURE <i>Mark A. Sporer</i>	DATE 8/20/04
ADDRESS 1004 Houghton Green Ct, Apex, North Carolina 27502		CITIZENSHIP USA

Listing of Inventors Continued on Page 2 hereof ☒ Yes ☐ No

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2. WITNESS NAME John E. Preble	WITNESS SIGNATURE <i>John E. Preble</i>	DATE 8-20-04
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1. WITNESS NAME	WITNESS SIGNATURE	DATE
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2. WITNESS NAME	WITNESS SIGNATURE	DATE
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1. WITNESS NAME	WITNESS SIGNATURE	DATE
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SOLE/JOINT INVENTOR
(Worldwide Right)
Attorney Docket No. 08350.26
Client Ref. No. 02-6

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

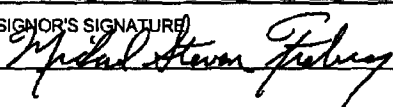
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP


2. FULL NAME OF SECOND ASSIGNOR, IF ANY Dante Toran Thomas	ASSIGNOR'S SIGNATURE <i>Dante T. Thomas</i>	DATE 8/26/04
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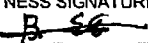
1. WITNESS NAME Keith Anthony Fernalund	WITNESS SIGNATURE <i>Keith A. Fernalund</i>	DATE 8/26/04
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SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.2612
Client Ref. No. 02-612

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1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP


2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.2612
Client Ref. No. 02-612

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ADDRESS 1315 Ramson Court, Raleigh, North Carolina 27603		CITIZENSHIP USA

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4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Paul Anthony Dvorak	ASSIGNOR'S SIGNATURE 	DATE 8/27/04
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2. WITNESS NAME ALLAN S THUNES	WITNESS SIGNATURE Allen S Thunes	DATE 27AUG04
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