FORM PTO-1595 1-31-92 11-02-2001

HEET

U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 8350.

+ FRATION FRANK	Attorney Customer Number: 22,852				
To the Honorable Commission 101892162 Please record the attached original documents or copy thereor.	ATTN. BOX ASSIGNMENTS				
1. Name of conveying party:	<ol><li>Name and address of receiving party(ies):</li></ol>				
David P. SMITH 10/26/0/	Name: Caterpillar Inc.				
Additional name of conveying party attached? ☐ Yes ☒ No	Internal Address:				
3. Nature of conveyance:	Street Address: 100 N. E. Adams Street				
	City: Peoria				
Security Change of Name Agreement	State: IL Zip Code: 61629-6490				
Other:	Additional name & Address attached?				
Execution Date: October 24, 2001	☐ Yes				
<ol> <li>Application number(s) or patent number(s): If this document is be the application: October 26, 2001</li> </ol>	eing filed together with a new application, the execution date of				
A. Patent Application Number(s):	B. Patent Number(s):				
00/984055					
Additional numbers attached?	☐ Yes				
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and registrations involved:     One				
Name: Christopher P. Isaac	7. Total fee (37 CFR 3.41): \$40				
	Enclosed (Please charge deficiency 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.: <u>03-1129</u>				
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.					
Man	10/1/2004				
Christopher P. Isaac, Reg. No. 32,616 Slgn	ature   Date				
Total number of pages including cover sheet, attachments and documents:					
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> PATENT REEL: 012291 FRAME: 0508

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 8350.9580-00 Client Ref. No. 99-580

## **ASSIGNMENT**

WHEREAS I, the below named inventor [hereinafter referred to as Assignor], have made an invention entitled:

## **ELECTRO-HYDRAULIC PUMP CONTROL SYSTEM**

for which I executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on [Date], 20[Year] (Serial No. [Text]); and

WHEREAS, Caterpillar, Inc., a corporation of Delaware, in the State of Illinois, 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, I, as Assignor, 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 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 I 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, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I 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	ASSIGNOR'S SIGNATURE	DATE 24 Oct '01
David P. Smith	Havra P. Smill	27 001 01
ADDRESS		CITIZENSHIP
2806 Grand Prairie Drive, Joliet, Illinois 60431		USA

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PATENT REEL: 012291 FRAME: 0509

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ADDRESS Timber Dr.	, , )	CITIZENSHIP US
Plainfield IL	60544	
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2. WITNESS NAME	WITNESS SIGNATURE	DATE OCT 2.4 O.I

2. WITNESS NAME HOA DAVID TANG	WITNESS SIGNATURE  Janual Tenur	DATE OCT. 24, 01
ADDRESS 3017 HERITAGE DR. #	10	CITIZENSHIP U.S.
JOLIET IL. 604	35	

**RECORDED: 10/26/2001** 

PATENT REEL: 012291 FRAME: 0510