1-31-92 04 - 06 - 2004 LN	Attorney Docket No. 08350.3167
To the Honorable Com	Attorney Customer Number: 22, ATTN. BOX ASSIGNMENTS
Please record the attac     102713374       1.     Name of conveying party(ies)       1.     Stuart J. Walker	2. Name and address of receiving party(ies):
2. David B. Mason, Jr. 3. David L. Dickrell Additional name(s) of conveying party(ies) attached? □ Yes ⊠ No	Name: Caterpillar Inc. 100 N.E. Adams Street Peoria, IL 61629-6490
3. Nature of conveyance:	
Assignment Merger	
Security Change of Name Agreement	
Other:	Additional name(s) & Address(es) attached?
Execution Date: 1. March 29, 2004 2. March 29, 2004 3. March 29, 2004	🗌 Yes 🛛 No
4. Application number(s) or patent number(s): If this document is the application:	being filed together with a new application, the execution date
A. Patent Application Number(s):	B. Patent Number(s):
10/697,797	
Additional numbers attached?	I □Yes ⊠No
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>	<ol> <li>Total number of applications and registrations involved:</li> <li>1</li> </ol>
Name: Christopher P. Isaac	7. Total fee (37 CFR 3.41): \$40
	Enclosed (Please charge deficiency to depo account)
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRET	Authorized to be charged to deposit account
& DUNNER, L.L.P. Street Address: 1300 I Street, N.W.	
City: Washington, D.C.	
State: Zip: 20005-3315	8. Deposit Account No.: <u>06-0916</u>
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing information is true document.	e and correct and any attached copy is a true copy of the orig
5/2004 DBYRNE 00000081 10697797 C:8021 40.00 DP	April 1, 2004
Reg. No. 47,684	nature Date , attachments and documents: 10

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## PATENT REEL: 015170 FRAME: 0284

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.3167 Client Ref. No. 03-167

#### ASSIGNMENT

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

#### AUTOMATED MANUAL TRANSMISSION AND SHIFT METHOD

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on October 31, 2003 (Serial No. 10/697,797); and

WHEREAS, Caterpillar Inc., a corporation of Delaware, whose post office address is 100 N.E. Adams Street, Peoria, IL 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. \_\_\_\_\_\_\_\_, 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 the above provisional application (if any), as well as all rights to claim priority on the basis of the above provisional application in any foreign country, and all extensions, renewals, and reissues thereof; and IVWe 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 bome by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Stuart J. Walker	ASSIGNOR'S SIGNATURE	S.J. Walker	DATE 29 MAR 2004
ADDRESS 24 Silvarmere Park, Shifnal, Shropshire, TF11 9BN, United King	dom	/	CITIZENSHIP Unilled Kingdom

Listing of Inventors Continued on Page 2 hereof 🗵 Yes 🗆 No

	Attor	SOLE/JOINT INVENTION (Worldwide Rights) mey Docket No. 08350.3167 Client Ref. No. 03-167
1. WITNESS NAME	WITNESS SIGNATURE	DATE 29/03/04
	, mut, state feel, comstant, work	S. CITIZENSHIP
2. WITNESS NAME JOHD BLOADN SADO W	WITNESS SIGNAT	DATE 29/3/04
ADDRESS 119 HELMING DAVES		CITIZENSHIP

2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
David B. Mason, Jr.		
ADDRESS		CITIZENSHIP
120 Bradford Circle, Clayton, North Carolina 27520		USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

## PATENT REEL: 015170 FRAME: 0286

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#### SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.3167 Client Ref. No. 03-167

3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
David L Dickrail		
ADDRESS		CITIZENSHIP
136 Glenview Avenue, East Peoria, IL 61611		USA
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1. WITNESS NAME	DATE
ADDRESS	CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.3167 Client Ref. No. 03-167

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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. \_\_\_\_\_\_\_, 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 the above provisional application (if any), as well as all rights to claim priority on the basis of the above provisional application 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 IWe 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.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Stuart J. Walker		1
ADDRESS		CITIZENSHIP
24 Silvermere Park, Shifnai, Shropshire, TF11 9BN, United Kingdom		United Kingdom

Listing of Inventors Continued on Page 2 hereof (2) Yes (2) No.

#### SOLE/JOINT INVENTION (Workdwide Rights) Attorney Docket No. 08350.3167 Client Ref. No. 03-167

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. FULL NAME OF SECOND ASSIGNOR, IF ANY David B. Mason, Jr.	ASSIGNOR'SEIGNATURE	DATE/ 3/29/04
ADDRESS 120 Bradford Circle, Clayton, North Carolina 27520		CITIZENSHIP USA

1. WITNESS NAME Chers A. DelVecchio	WITNESS SIGNATURE	DATE 3/29/04
ADDRESS 104 TEXBURY Wills Kn	R. CARY NC. 27511	CITIZENSHIP 4.5
0		

2 WITNESS NAME A. Hall	WITNESS SIGNATURE, Hall	DATE/ 3/29/04
801 Auturn Ct.	Raleish MC 27609	CITIZENSHIP

#### SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.3167 Client Ref. No. 03-167

ASSIGNOR'S SIGNATURE	DATE
	CITIZENSHIP
	USA
	ł
	ASSIGNOR'S SIGNATURE

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

MAR. 29. 2004 1:11PM CAT HALE RD D3

NO. 4958 P. 2

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.3167 Client Ref. No. 03-167

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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. \_\_\_\_\_\_\_, 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 the above provisional application (if any), as well as all rights to claim priority on the basis of the above provisional application in any foreign country, and all extensions, renewals, and reissues thereof; and like 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 Inferest 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 fur her 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 rivention 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.

ASSIGNOR'S SIGNATURE		DATE
ADDRESS		CITIZENSHIP
24 Silvarmere Park, Shifnal, Shropshire, TF11 9BN, United Kingdom		United Kingdom

Listing of Inventors Continued on Page 2 hereof 123 Yes D No

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# MAR. 29. 2004 1:11PM CAT HALE RD D3

# SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.3167 Client Ref. No. 03-167

1. WITNESS NAME	WITNESS SIGNATURE		DATE
ADDRESS		1	CITIZENSHIP
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2. WITNESS NAME	WITNESS SIGNATURE		DATE
ADDRESS		!	CITIZENSHIP
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ASSIGNOR'S SIGNATURE		DATE
		CITIZENSHIP
	,	USA
	A\$\$IGNOR'\$ \$IGNATURE	A\$\$IGNOR'\$ SIGNATURE

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1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS	t	CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
2. WITNESS NAME ADDRESS		

### PATENT REEL: 015170 FRAME: 0292

MAR. 29. 2004 1:11PM	CAT HALE RD	D 3	NO	4958 P.4
			1	DLE/JOINT INVENTION (Worldwide Rights) Docket No. 08350.3167 Client Ref. No. 03-167
3. FULL NAME OF THIRD ASSIGNOR, David L. Dickrell	IF ANY	ASSIGNORS SIGNATORS		DATE 3-29-2004
ADDRESS 136 Glenview Avenue, East Peoria, IL	61611			CITIZENSHIP USA
1. WITNESS NAME	W. Jr.	WITNESS SIGNATURE ( DOUCH	Q.	DATE 3-29-2004
ADDRESS 503 N. Sauta	•	ille, IL 61559	<u>//</u>	CITIZENSHIP USA
	• • • • • • • • • • • • • • • • • • •		ļ	
2 WITNESS NAME JOSEPH A WILL	ENBORG	WITHESS SIGNATURE	··· <sup>1</sup> ·5 /	DATE 3/29/04
JOSEPH A WILL ADDRESS 6912 N. CAN	ELOT RD	PEOFIA, IL	61615	CITIZENSHIP USA

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**RECORDED: 04/01/2004** 

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