

05-23-2005

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08350.3373
Attorney Customer Number: 22,852

5/18/05



To the Director of the U.S. Patent and Trademark Office
Please record the attached original document

Mail Stop Assignment Recordation Services

1. Name of conveying party(ies):
1) James W. Landes
2) Mark E. Rettig
3) Ryan E. Graham

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

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

Internal Address: Intellectual Property Department

3. Nature of conveyance:

Street Address: 100 N.E. Adams Street

☒ Assignment ☐ Merger

City: Peoria

☐ Security Agreement ☐ Change of Name

State: IL Zip Code: 61629-6490

☐ Other:

Additional name(s) & Address(es) attached?

Execution Date: 1) April 25, 2005
2) April 25, 2005
3) April 28, 2005

☐ 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): 11/045,297

B. Patent Number(s):

Additional numbers attached? ☐ Yes ☒ No

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

6. Total number of applications and registrations involved:
1

Name:

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

05/19/2005 HALI11 00000075 11045297

01 FC:8021

(40.00 DP)

☒ 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: 901 New York Avenue, N.W.

City: Washington, D.C.

State: Zip: 20001-4413

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.

Ryan C. Stockett, Reg. No. 53,642

Ryan C. Stockett

May 18, 2005

Signature

Date

Total number of pages including cover sheet, attachments and documents: 10

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.3373
Client Ref. No. 03-373

ASSIGNMENT

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

RETARDING SYSTEM IMPLEMENTING TRANSMISSION CONTROL

for which we executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on January 31, 2005 (Serial No. 11/045,297); and

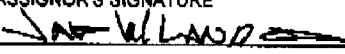
WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is Intellectual Property Department, 100 N.E. Adams Street, Peoria, IL 61629-8490 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries 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. _____, 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 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/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I/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, I have hereunto set my hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR James W. Landes	ASSIGNOR'S SIGNATURE 	DATE 25 APR 05
ADDRESS 44 S. Riverview Drive, East Peoria, IL 61611		CITIZENSHIP USA

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

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.3373
Client Ref. No. 03-373

1. WITNESS NAME WAYNE A. GORIS	WITNESS SIGNATURE Wayne A. Goris	DATE 4-25-05
ADDRESS 401 S. MAIN ST. ARROWSMITH, IL 61722		CITIZENSHIP USA

2. WITNESS NAME SHREYA G. PRASAD	WITNESS SIGNATURE Shreya Prasad	DATE 4-25-05
ADDRESS 3510 N. Kingston Dr. #5, Peoria, IL 61604		CITIZENSHIP USA

2. FULL NAME OF ASSIGNOR Mark E. Rettig	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 6603 N. Tammarack Lane, Peoria, IL 61615		CITIZENSHIP USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

3. FULL NAME OF ASSIGNOR Ryan E. Graham	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1212 W. Virginia Avenue, Peoria, IL 61604		CITIZENSHIP USA

Listing of Inventors Continued on Page 3 hereof ☒ Yes ☐ No

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.3373
Client Ref. No. 03-373

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.3373
Client Ref. No. 03-373

ASSIGNMENT

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

RETARDING SYSTEM IMPLEMENTING TRANSMISSION CONTROL

for which we executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on January 31, 2005 (Serial No. 11/045,297); and

WHEREAS, **Caterpillar Inc.**, a corporation of Delaware whose post office address is **Intellectual Property Department, 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, 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. _____, 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 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/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I/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, I have hereunto set my hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR James W. Landes	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 44 S. Riverview Drive, East Peoria, IL 61611		CITIZENSHIP USA

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

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.3973
Client Ref. No. 03-373

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. FULL NAME OF ASSIGNOR Mark E. Rettig	ASSIGNOR'S SIGNATURE <i>Mark E. Rettig</i>	DATE 4-25-2005
ADDRESS 6603 N. Tamarack Lane, Peoria, IL 61615		CITIZENSHIP USA

1. WITNESS NAME ERIC LEE	WITNESS SIGNATURE <i>Eric Lee</i>	DATE 4-25/2005
ADDRESS 5706 W. RACHAEL CT., PEORIA, IL 61615		CITIZENSHIP U.S.A

2. WITNESS NAME Scott Keeley	WITNESS SIGNATURE <i>Scott Keeley</i>	DATE 4-25-2005
ADDRESS 4056 W Hollow Creek Dr #809, Peoria, IL 61615		CITIZENSHIP USA

3. FULL NAME OF ASSIGNOR Ryan E. Graham	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1212 W. Virginia Avenue, Peoria, IL 61604		CITIZENSHIP USA

Listing of Inventors Continued on Page 3 hereof ☒ Yes ☐ No

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.3373
Client Ref. No. 03-373

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

ASSIGNMENT

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

RETARDING SYSTEM IMPLEMENTING TRANSMISSION CONTROL

for which we executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on January 31, 2005 (Serial No. 11/045,297); and

WHEREAS, **Caterpillar Inc.**, a corporation of **Delaware** whose post office address is **Intellectual Property Department, 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, 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. _____, 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 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/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I/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, I have hereunto set my hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR James W. Landes	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 44 S. Riverview Drive, East Peoria, IL 61611		CITIZENSHIP USA

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

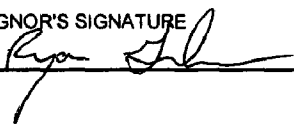
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

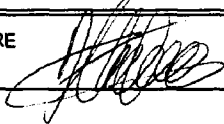
2. FULL NAME OF ASSIGNOR Mark E. Rettig	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 6603 N. Tammarack Lane, Peoria, IL 61615		CITIZENSHIP USA

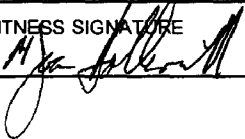
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

3. FULL NAME OF ASSIGNOR Ryan E. Graham	ASSIGNOR'S SIGNATURE 	DATE 28 April 05
ADDRESS 1212 W. Virginia Avenue, Peoria, IL 61604		CITIZENSHIP Canada

Listing of Inventors Continued on Page 3 hereof ☒ Yes ☐ No

1. WITNESS NAME DAVE ABELEIRA	WITNESS SIGNATURE 	DATE 28-04-05
ADDRESS 136A BREEZES ROAD . AVONDALE		CITIZENSHIP UK
CHRISTCHURCH , NEW ZEALAND		

2. WITNESS NAME M. JOAN HOWERICH	WITNESS SIGNATURE 	DATE 28 APR 05
ADDRESS 3687 REFLECTIONS DR		CITIZENSHIP US
PLEASANTON, CA 94566 US		