

02-05-2007

HEET

U.S. Department of Commerce
Patent and Trademark Office
Customer No.: 59,982
Attorney Docket No. 08350.6599-00000



103370075

To the Director of the U.S. Pa
Please record the attached or.

Mail Stop Assignment Recordation Services

1. Name of conveying party(ies):

1. Satish L. KALE
2. Richard G. INGRAM

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

Name: Caterpillar Inc.

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: Peoria

☐ Security Agreement☐ Change of Name

State:

IL

Zip Code:

61629-6490

☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9494, Confirmatory License☐ Other:

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

☐ Yes☒ No

Execution Date: 1. January 30, 2007
2. January 30, 2007

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: January 30, 2007

A. Patent Application Number(s):

B. Patent Number(s):

02/01/2007 MWOLDGE1 00000063 11700191

04 FC:8021

(40.00 00)

Additional numbers attached?

☐ Yes☒ No

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

Name: Matthew D. Aichele

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

6. Total number of applications and patents involved: One (1).

7. Total fee (37 CFR 1.21(h) and 3.41): \$40

☒ Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916)☐ 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.

Signed:

Matthew D Aichele
Reg. No. 57282

January 31, 2007

Date

Total number of pages including cover sheet, attachments and documents: 3

5/2006

112963 U.S.PTO 11700191

013107

SOLE/JOINT INVENTION

(Worldwide Rights)

Attorney Docket No. 08350-6599-00000

Client Ref. No. 06-599

ASSIGNMENT

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

SYSTEM FOR AUTOMATED EXCAVATION CONTROL BASED ON PRODUCTIVITY

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on _____, 2006 (Serial No. _____); and


WHEREAS, Caterpillar Inc., a corporation of Delaware corporation 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 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, I/WE HEREBY covenant that I/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, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/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 Satish L. KALE	ASSIGNOR'S SIGNATURE 	DATE 30 Jan 2007
ADDRESS 18 Horseshoe Lane, Lemont, Illinois 60439-9115		CITIZENSHIP USA

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350-6599-00000
Client Ref. No. 08-599

1. WITNESS NAME <i>Alberto Martinez</i>	WITNESS SIGNATURE <i>[Signature]</i>	DATE <i>01/30/07</i>
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<i>Lisle, IL 60532</i>		

2. WITNESS NAME <i>LAVANYA KANIBETTY</i>	WITNESS SIGNATURE <i>K.S. Kananya</i>	DATE <i>01/30/07</i>
ADDRESS <i>4715 OLD OAKS DR #2C</i>		CITIZENSHIP <i>INDIA</i>
<i>LISLE IL - 60532</i>		

2. FULL NAME OF SECOND ASSIGNOR, IF ANY <i>Richard G. INGRAM</i>	ASSIGNOR'S SIGNATURE <i>[Signature]</i>	DATE <i>30 Jan 2007</i>
ADDRESS <i>240 Persimmon Drive, St. Charles, IL 60174</i>		CITIZENSHIP <i>USA</i>

1. WITNESS NAME <i>Alberto Martinez</i>	WITNESS SIGNATURE <i>[Signature]</i>	DATE <i>01/30/07</i>
ADDRESS <i>6020 Oakwood Dr. #3A</i>		CITIZENSHIP <i>USA</i>
<i>Lisle, IL 60532</i>		

2. WITNESS NAME <i>LAVANYA KANIBETTY</i>	WITNESS SIGNATURE <i>K.S. Kananya</i>	DATE <i>01/30/07</i>
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