

09-11-2007

U.S. PTO
11/896382
08/31/2007

REI



103443474

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08350.6465-0000
Customer No. 58,982

To the Director of the U.S. Patent and Trade
Please record the attached original documents or copy thereof.

Mail Stop Assignment Recordation Service

Y-31-07

1. Names of conveying parties: A) Tien Dzung Doan B) William Edward Allen C) John James Krone	2. Name and address of receiving party: Name: Caterpillar Inc.
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Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Internal Address: Intellectual Property Department
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3. Nature of conveyance:	Street Address: 100 N.E. Adams Street
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<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: Peoria
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<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: Illinois	Zip Code: 61629-6490
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<input type="checkbox"/> Joint Research Agreement	<input type="checkbox"/> Government Interest Assignment	Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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<input type="checkbox"/> Executive Order 9494, Confirmatory License	<input type="checkbox"/> Other:
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Execution Date: A) August 31, 2007 B) August 31, 2007 C) August 31, 2007
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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) August 31, 2007 B) August 31, 2007 C) August 31, 2007
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A. Patent Application Number(s):	B. Patent Number(s):
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved one (1)
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Name: Christopher P. Isaac	7. Total fee (37 CFR 1.21(h) and 3.41): \$40
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Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.	<input checked="" type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to Deposit Account 06-0916)
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Street Address: 901 New York Avenue, N.W.	<input type="checkbox"/> Authorized to be charged to deposit account
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City: Washington, D.C.

State: Zip: 20001-4413	8. Deposit Account No.: 06-0916
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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: Elizabeth M. Burke August 31, 2007
Elizabeth M. Burke, Reg. No. 38,758

Total number of pages including cover sheet, attachments and documents: 4

SOLE/JOINT INVENTION
 (Worldwide Rights)
 Attorney Docket No. 08350.6465-00000
 Client Ref. No. 06-465

ASSIGNMENT

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

SYSTEM FOR MANAGING LOADING OPERATIONS OF HAUL VEHICLES

for which we executed an application for United States Letters Patent concurrently herewith and


WHEREAS, Caterpillar Inc., a Delaware corporation 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, 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, 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 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 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;

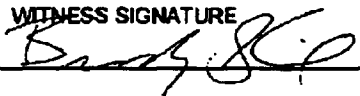

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;


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.

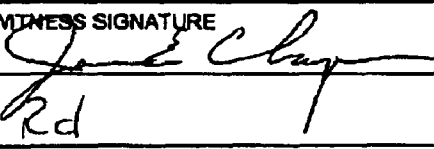
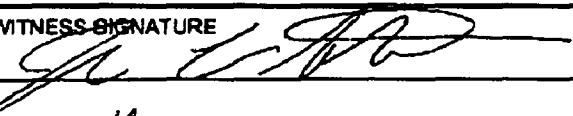
IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Tien Dzung Doan		Aug 31, 07
ADDRESS	CITIZENSHIP	
67 Diamond Point, Morton, IL, 61550	USA	

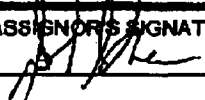
SOLE/JOINT INVENTION
 (Worldwide Rights)
 Attorney Docket No. 08350.6485-00000
 Client Ref. No. 06-485

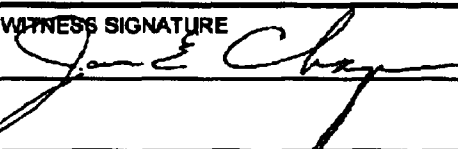
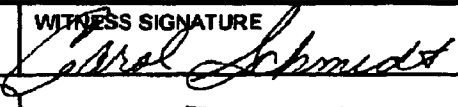
1. WITNESS NAME Bradley S Kriel	WITNESS SIGNATURE 	DATE 08/31/2007
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2. WITNESS NAME Bryan Everett	WITNESS SIGNATURE 	DATE 8/31/2007
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2. FULL NAME OF SECOND ASSIGNOR, IF ANY William Edward Allen	ASSIGNOR'S SIGNATURE 	DATE 31 August 2007
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1. WITNESS NAME James E Chapman	WITNESS SIGNATURE 	DATE 8/31/2007
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2. WITNESS NAME Joshua C Struble	WITNESS SIGNATURE 	DATE 8/31/2007
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SOLE/JOINT INVENTION
 (Worldwide Rights)
 Attorney Docket No. 08350.6465-00000
 Client Ref. No. 08-465

3. FULL NAME OF THIRD ASSIGNOR, IF ANY John James Krone	ASSIGNOR'S SIGNATURE 	DATE 8/31/07
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1. WITNESS NAME James E Chapman	WITNESS SIGNATURE 	DATE 8/31/2007
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2. WITNESS NAME CAROL SCHMIAT	WITNESS SIGNATURE 	DATE 8/31/07
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