12/008780 01/14/2008 01 - 25 - 20 To the Director of the U.S. Patent and Ti Please record the attached original doci 1034775			Patent and Trademark Office Attorney Docket No. 08350.757		mark Office No. 08350.7573-00	
Name of conveying part a. Steven Wayne O'N b. Trent Ray MEISS	ty(ies):	2. Name:	Name and add	ress of receiving	g party(ies):	
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No		Internal	Internal Address:			
3. Nature of conveyance:		Street A	Street Address: 100 N.E. Adams Street			
	☐ Merger	City:	Peoria			
Security Agreement	☐ Change of Name	State:	IL	Zip Code:	61629-6490	
Joint Research Agreement Executive Order 9494, Confirmatory License Execution Date: a. January	Government Interest Assignment Other: 11, 2008 (Assignor O'NEAL)	Addition	Additional name(s) & Address(es) attached?			
		being filed t	ogether with a no		he execution date of	
·	Additional numbers attached?	Yes	⊠ No			
Name and address of party to whom correspondence concerning document should be mailed:		6.	Total number of applications and patents involved One (1)			
Name: Christopher P. Isaac	(202) 408-4000	7.	Total fee (37 C	FR 1.21(h) and	3.41): \$40	
nternal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.				(Please charge o	deficiency or credit ecount 06-0916)	
Street Address: 901 New York Avenue, N.W.			Authorize	d to be charged	to deposit account	
City: Washington, D.	C.					
State: Z	ip: 20001-4413	8.	Deposit Accou	nt No.: <u>06-0916</u>		
9. Statement and signatur To the best of my knowledge and document.	e. d belief, the foregoing information is true	e and correc	ct and any attach	ned copy is a true	e copy of the origin	

Brad C. Rametta

January 14, 2008

Date

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

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PATENT

REEL: 020414 FRAME: 0322

SOLEJOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350,7573 Client Ref. No. 07-573

ASSIGNMENT

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

SYSTEM AND METHOD FOR ADJUSTING MACHINE PARAMETERS						
for which I/We executed an application for United United States Letters Patent on(Se	States Letters Patent concurrently herewith or file rial No); and	ed an application for				
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 deslrous 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/We, as Assignor(s), 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/our entire right, title, and interest in and to this invention, provisional application Senal No, filed, 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 and I/We have not executed and will not execute	have the full right to convey the interest assigned any agreement in conflict with this Assignment;	by 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, I/We have I	hereunto set our hands.					
1. FULL NAME OF FIRST ASSIGNOR	ASSIGNORYS SIGNATURE	DATE / /				
Staven Wayne O'Neal	2000	1/1/2008				
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0120 1100 100001010 11000, 0210111110, 12 010		0.11100 0.10100				
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Page 1 of 2

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.7573 Client Ref. No. 07-573

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2. FULL NAME OF SECOND ASSIGNOR	ASSIGNOR'S SIGNATURĘ	DATE
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	hent & news	1/11/2008
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T 11 17 - 1		17.100
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