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Number			
Application Number: 13162280			
<i>attempt is unsuccessful.</i> m			
Email:ryan.stockett@finnegan.comCorrespondent Name:CATERPILLAR/FINNEGAN, HENDERSON, L.L.P.			
Address Line 1:901 New York Avenue, NWAddress Line 4:WASHINGTON, DISTRICT OF COLUMBIA 20001-4413			
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FORM PTO-1595 1-31-92	REC	ORDATION FORM COVE PATENTS ONLY	R SHEET	Patent Attorn		
To the Director of the U.S. Please record the attache	To the Director of the U.S. Patent and Trademark Office: Mail Stop Assignment Recordation Services Please record the attached original documents or copy thereof.					
 Name of conveying party: a) Aaron R. SHATTERS b) Steven C. BUDDE c) John T. REEDY d) Robert E. STONE 		2. N Name:	lame and addres Caterpillar Inc.	-	party(ies):	
Additional name(s) of conve	eying party(ies) attac	hed? 🗌 Yes 🛛 No	Internal Ac	ddress: Intelle	ectual Propert	y Department
3. Nature of conveya	nce:		Street Add		I.E. Adams St	treet
Assignment	Merger		City: F	Peoria		
Security Agreement	Change of	of Name	State:	IL	Zip Code:	61629-9510
Other:			Additional	name(s) & Addre	ess(es) attach	ned?
b) June c) June	31, 2011 e 13, 2011 ∋ 3, 2011 e 6, 2011		C] Yes	🛛 No	
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) May 31, 2011; b) June 13, 2011; c) June 14, 2011; d) June 13, 2011						
A. Patent Application	Number(s):		B. F	Patent Number(s)	:	
Additional numbers attached? 🗌 Yes 🛛 No						
concerning docum	s of party to whom c ent should be maile	orrespondence d:				ations involved: 1
Name: Christopher P. Is	aac		5. 1 	account)	ease charge o	deficiency to deposit to deposit account
	GAN, HENDERSON NER, L.L.P.	I, FARABOW, GARRETT				
	w York Avenue, N.V	V.	-			
City: Washingto					No. 00.0016	
State:	Zip:	20001	6. [Deposit Account	NO. <u>06-0916</u>	
 Statement and sig To the best of my knowledge document. 		egoing information is true a	and correct a	and any attached	l copy is a true	e copy of the original
Ryan C. Stockett,	<u>Reg. No. 53,642</u>	Ru-C.S	Intert		June 1	16, 2011
		Sign	ature		D	ate
Total number of pages including cover sheet, attachments and documents: 10						

ASSIGNMENT

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

LIFT SYSTEM IMPLEMENTING VELOCITY-BASED FEEDFORWARD CONTROL

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

WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is Intellectual Property Department, 100 N.E. Adams Street, Peoria, IL 61629-9510 (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/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 Serial 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 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, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Aaron R. SHATTERS	ASSIGNOR'S SIGNATURE	DATE 31 May 2011
ADDRESS 96 Winter Hill Circle, Montgomery, IL 60538		CITIZENSHIP USA
1. WITNESS NAME CHAO BUICKNAR	WITNESS SIGNATURE	DATE 31 MAy 2011
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2. FULL NAME OF SECOND ASSIGNOR Steven C. BUDDE	ASSIGNOR'S SIGNATURE	DATE
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1. WITNESS NAME	WITNESS SIGNATURE	DATE
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2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

3. FULL NAME OF THIRD ASSIGNOR John T. REEDY	ASSIGNOR'S SIGNATURE	DATE
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1. WITNESS NAME	WITNESS SIGNATURE	DATE
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ADDRESS		CITIZENSHIP

4. FULL NAME OF FOURTH ASSIGNOR Robert E. STONE	ASSIGNOR'S SIGNATURE	DATE GULNZOII
ADDRESS 1286 N Hickory Hills Road, Metamora, IL		
1. WITNESS NAME BECHT M. Duppong	WITNESS STENATURE	DATE 6/6/2011
ADDRESS W CAMEVAL 2M, Provi	a, IL 61615	CITIZENSHIP USA
	,	
2. WITNESS NAME Brett J. Jansson	WITNESS SIGNATURE	DATE 6/6/2011
9808 W. LAMPLEGHTER LN.	HANNA CET IL 61536	CITIZENSHIP USA

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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, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Aaron R. SHATTERS	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 96 Winter Hill Circle, Montgomery, IL 6053	3	CITIZENSHIP USA
	an a	

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

Server.

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2. FULL NAME OF SECOND ASSIGNOR Steven C. BUDDE	ASSIGNOR'S SIGNATURE Steven C. Buttle	date 6-13-11
ADDRESS 724 S. Prairieview Drive, Dunlap, IL 61525		
1. WITNESS NAME FURAD SAYEED ADDRESS 1701 CHERRY BUD DR. APT 6311, PEORU	WITNESS SIGNATURE JULIA 161615	DATE 6/13/2011 CITIZENSHIP 1 NID 19
2. WITNESS NAME Thuong Le address 6307 W. Red Cedar Ln., Ed	WITNESS SIGNATURE Otherny Le Wards, IL 61528	DATE 6/13/2011 CITIZENSHIP USA

3. FULL NAME OF THIRD ASSIGNOR John T. REEDY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1613 W. Moss Avenue, Peoria, IL 61615	CITIZENSHIP USA	
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS	CITIZENSHIP	
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

4. FULL NAME OF FOURTH ASSIGNOR Robert E. STONE	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1286 N Hickory Hills Road, Metamora, IL 61548		CITIZENSHIP USA
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
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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, 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 Serial No___________, 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 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;

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AND, J/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.

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ADDRESS 96 Winter Hill Circle, Montgomery, IL 60538		CITIZENSHIP USA
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4. FULL NAME OF FOURTH ASSIGNOR Robert E. STONE	ASSIGNOR'S SIGNATURE	DATE
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2. WITNESS NAME	WITNESS SIGNATURE	DATE
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RECORDED: 06/16/2011

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