To the Director of the U.S. Patent and	01-03-200		Pate Atto Atto	nt and Tradei rney Docket N rney Custome	of Commerce mark Office No. 08350.5662 er Number: 22,852 ecordation Services	
Please record the attached original docu	103150172	2.	Name and addre			
Name of conveying party(ies): (a) James Joshua Driscoll		Name:	Caterpillar Inc		0	
					1.45 1.45	
Additional name(s) of conveying party(ies)	attached? ∐ Yes ⊠ No	Internal	Address:	,	23 05	
3. Nature of conveyance:		Street A	Address: 100	N.E. Adams S	treet /00	
	ger	City:	Peoria		11-	
Security	nge of Name	State:	IL	Zip Code:	61629-6490	
Other:			Additional name(s) & Address(es) attached?			
Execution Date: (a) December 14, 2005			Yes	⊠ No		
4. Application number(s) or patent n the application: December 14, 20		eing filed to	ogether with a new	application, t	he execution date of	
A. Patent Application Number(s):		В.	Patent Number(s	·):		
Add	itional numbers attached?	│ □ Yes	⊠ No			
Name and address of party to who concerning document should be reconcerning to the concerning document should be reconcerning to the concerning document should be reconcerning to the concerning to the conc		6.	Total number of a involved: 1	applications ar	nd registrations	
Name:		7.	Total fee (37 CF)	R 1.21(h) and	3.41): \$40	
Internal Address: FINNEGAN, HENDER & DUNNER, L.L.P.	SON, FARABOW, GARRETT		Enclosed (Paccount 06-		deficiency to deposit	
Street Address: 901 New York Avenue	e, N.W.		Authorized	to be charged	to deposit account	
City: Washington						
State: D.C. Zip:	20001-4413	8.	Deposit Account	No.: <u>06-0916</u>		
 Statement and signature. To the best of my knowledge and belief, th document. 	e foregoing information is true	and correc	et and any attached	d copy is a true	e copy of the original	
December 21, 2005						
Tram Anh Nguyen Reg. No. 47,257	Sign	ature	8		ate	
	pages including cover sheet,	attachment	ts and documents:	3		

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> PATENT REEL: 017403 FRAME: 0275

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.5662 Client Ref. No. 05-662

ASSIGNMENT

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

SELECTIVE CATALYTIC REDUCTION SYSTEM

for which livive executed an application	ation for United State	s Letters Patent	concurrently herewith o	r filed an application for
United States Letters Patent on _	(Serial No); a	nd		· ····································

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 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 ____ (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 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.

FULL NAME OF SOLE OR FIRST ASSIGNOR James Joshua Driscoll	ASSIGNOR'S SIGNATURE	DATE 12/14/2015
ADDRESS 1700 W. Hickory Grove Rd., #1-209, Dunlap, IL 61525		CITIZENSHIP United States

Listing of Inventors Continued on Page 2 hereof.

☐ Yes 🖾 No

June 2004

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.5662 Client Ref. No. 05-662

1. WITNESS NAME PATRICIA CANNON WITNESS SIGNATURE WITNESS SIGNATURE WITNESS SIGNATURE	DATE 12/14/05
1700 W. HICKERY GROVE PU APT DZOZI	CITIZENSHIP
DUNLAP, IL 61525	
2. WITNESS NAME Meffert WIENESS SIGNATURE	14 Occ 2005
ADDRESS 390 County Rd 850E Sparland IL 61565	CITIZENSHIP VSA

Listing of Inventors Continued on Page 2 hereof.

☐ Yes 区 No

June 2004

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

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PATENT REEL: 017403 FRAME: 0277