PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEVIN MARTIN	04/16/2015
JOSH TERRIAN	04/16/2015
LEANDRA VIRCKS	04/16/2015

RECEIVING PARTY DATA

Name:	ARCHER DANIELS MIDLAND COMPANY	
Street Address:	4666 FARIES PARKWAY	
City:	DECATUR	
State/Country:	ILLINOIS	
Postal Code:	62526	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14436372	

CORRESPONDENCE DATA

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Correspondent Name: ARCHER DANIELS MIDLAND COMPANY

Address Line 1:4666 FARIES PARKWAYAddress Line 4:DECATUR, ILLINOIS 62526

ATTORNEY DOCKET NUMBER:	IND.0084.US01	
NAME OF SUBMITTER: ANDREW F. NILLES		
SIGNATURE:	/Andrew F. Nilles/	
DATE SIGNED:	07/15/2015	

Total Attachments: 3

source=IND0084US01AssignmentMartin#page1.tif source=IND0084US01AssignmentTerrian#page1.tif source=IND0084US01AssignmentVircks#page1.tif

PATENT 503393440 REEL: 036097 FRAME: 0027

ASSIGNMENT OF INVENTION

WHEREAS, Archer-Daniels-Midland Company (hereinafter "ASSIGNEE"), a corporation duly organized and existing under the laws of Delaware, and having its principal office and place of business at 4666 Faries Parkway, Decatur, IL 62526, desires to acquire the entire right, title, and interest to:

The attached patent application which is a 371 US National Filing under International Patent Application No.PCT/US2013/065167 filed 16-October-2013, entitled IMPROVED HYDROGENOLYSIS CATALYSTS AND USES THEREOF, which claims priority to US Provisional Patent Application 61/714821 filed 17-October-2012 entitled the same.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the invention in the United States of America and all foreign countries, including, without limitation, the invention as described in the aforesaid Patent Application, to be held and enjoyed by me, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made, including, without limitation, all rights to the aforesaid Patent Application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for the aforesaid Patent Application, and all foreign rights including the right to make application for Letters Patent for the inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid Patent Application for United States Letters Patent; and I hereby authorize and request the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

I hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred.

I furthermore agree upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives.

LEGAL NAME OF	INVENTOR		
Inventor: Kevin Ma	rtin	Date:	
Signature: <u>Xov</u>	J. Math		

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LEGAL NAME OF INVENTOR

Inventor: Josh Terrian

Date: 4/16/15

Signature:

PATENT REEL: 036097 FRAME: 0029

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LEGAL NAME OF INVENTOR

Inventor: Leandra Vircks Date: 4/16/15

Signature: Light Wy VV

PATENT REEL: 036097 FRAME: 0030

RECORDED: 07/15/2015