PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mario Santillo	08/14/2013
Mrdjan J. Jankovic	08/14/2013
Steve William Magner	08/14/2013
Michael James Uhrich	08/14/2013

RECEIVING PARTY DATA

Name:	Ford Global Technologies, LLC
Street Address:	Fairlane Plaza South, Suite 800
City:	Dearborn
State/Country:	MICHIGAN
Postal Code:	48126

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13967911

CORRESPONDENCE DATA

Fax Number: 5034594142

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: ALLEMAN HALL MCCOY RUSSELL & TUTTLE, LLP

Address Line 1: 806 S.W. BROADWAY, SUITE 600 Address Line 4: PORTLAND, OREGON 97205

ATTORNEY DOCKET NUMBER:	83379099
NAME OF SUBMITTER:	Maxfield Fulton
Signature:	/Maxfield Fulton/

REEL: 031021 FRAME: 0063

PATENT 502460359

Date: 08/15/2013		
Total Attachments: 4 source=Executed Assignment 83379099#pa source=Executed Assignment 83379099#pa source=Executed Assignment 83379099#pa source=Executed Assignment 83379099#pa	age2.tif age3.tif	

Attorney Docket Number 83379099		
	Attorney Docket Number	83379099

Title of Invention	TWO-STAGE CATALYST REGENERATION
This declaration is dire	cted to:
	attached application, or ed States application or PCT international application number filed on
The above-identified a	pplication was made or authorized to be made by me.
I hereby state that I h including the claims.	ave reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part a	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for pplications, material information which became available between the filing date of the prior ional or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TEC of the State of Delaw hereinafter referred to interest, domestic and of the ASSIGNEE, its for the inventions and name or names, or in a insert the serial/appli 13/967, 911 ASSIGNEE, its succ applications, in and to	yment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto HNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws are, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and foreign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent discoveries in any and all countries, entities and intergovernmental organizations, in its or their own my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to cation number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
including applications organizations, and to p	or myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives a secure thereto the rights herein sold, assigned and set over.
And I hereby represent	and warrant that I have not granted any rights inconsistent with the rights granted herein.
	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine t more than five (5) years or both.
LEGAL NAME OF IN	IVENTOR O
Inventor: Mario	Santillo Date: 0/19/2013
Signature:	Y/a G.Su
	Pata Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Ition form for each additional inventor.

Attorney Docket Number	83379099

Title of Inventi	on.	TWO-STAGE CATALYST REGENERATION
This declaration is	s direct	ed to:
	United	tached application, or I States application or PCT international application number filed on
The above-identif	ied app	olication was made or authorized to be made by me.
I hereby state that including the claim	t I hay ns.	ve reviewed and understand the contents of the specification in the above-identified application,
I believe that I am	the or	iginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-pa	irt app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for discations, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of Dhereinafter referred interest, domestic of the ASSIGNES for the inventions name or names, or insert the serial/8 13/967,911 ASSIGNEE, its applications, in an including all appreexaminations and And I hereby agree.	TECH elawared to a and fo a and di r in my applica successed to the lication d reiss	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers.
organizations, and	to per	The Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ecure thereto the rights herein sold, assigned and set over.
And I hereby repre	esent a	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknowle or imprisonment o	dge the f not n	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.
LEGAL NAME O		
		Jankovic Date: 08/14//3
Signature:	-44	Andrew An
Notes An Analisasi	an Dae	Chart /DTO/CD//A or southalant) is distinguished.
noic: All Applicati	SISCI DO Alterala	s Sheet (PTO/S8/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Attorney Docket Mumber 93370000	***************************************	
Attendey Docket Number 65577077	Attorney Docket Number	

Title of Invention	TWO-STAGE CATALYST REGENERATION
This declaration is di	rected to:
	e attached application, or ited States application or PCT international application number filed on
The above-identified	application was made or authorized to be made by me.
I hereby state that I including the claims.	have reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the	e original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part	ty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for applications, material information which became available between the filing date of the prior ational or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TE of the State of Delain hereinafter referred to interest, domestic and of the ASSIGNEE, it for the inventions and name or names, or in insert the serial/app 13/967, 911 ASSIGNEE, its sucception and to including all applications and to the And I hereby agree.	loyment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto CHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws ware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and d foreign, in and to the inventions and discoveries in the above-identified invention including the right ts successors, assigns or other legal representatives to make applications and to receive Letters Patent d discoveries in any and all countries, entities and intergovernmental organizations, in its or their own a my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to dication number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
organizations, and to	perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives to secure thereto the rights herein sold, assigned and set over.
And I hereby represe	nt and warrant that I have not granted any rights inconsistent with the rights granted herein.
	te that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine not more than five (5) years or both.
LEGAL NAME OF	INVENTOR AND
Inventor: Steve	William Magner Date:
Signature:	: Harrier W. Majorius.
Note: An Anglication	Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
	ration form for each additional inventor.

Attorney Docket Number	83379099	

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This declaration is directed to:	
☐ The at	tached application, or I States application or PCT international application numberfiled on
The above-identified app	olication was made or authorized to be made by me.
I hereby state that I had including the claims.	ve reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the or	riginal inventor or an original joint inventor of a claimed invention in the application.
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.	
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 13/967,911 , Filing Date August 15, 2013), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.	
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.	
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.	
LEGAL NAME OF IN	/ENTOR / Q_ 2 _ 13
Inventor: Michael James Uhrigh Date:	
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 031021 FRAME: 0068

RECORDED: 08/15/2013