

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4333267

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL A. SMITH	03/14/2017
PRAVEEN S. CHAVANAVAR	03/14/2017
PO-I LEE	03/14/2017
SARAH FUNK	03/14/2017
THOMAS LAROSE JR.	03/14/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GM GLOBAL TECHNOLOGY OPERATIONS LLC
<b>Street Address:</b>	300 RENAISSANCE CENTER
<b>Internal Address:</b>	MAIL CODE 482-C23-B21 P.O. BOX 300
<b>City:</b>	DETROIT
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48265
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15467312
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	gm.patents@gm.com
<b>Correspondent Name:</b>	GENERAL MOTORS LLC, LEGAL STAFF
<b>Address Line 1:</b>	300 RENAISSANCE CENTER
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<b>Address Line 4:</b>	DETROIT, MICHIGAN 48265
<b>ATTORNEY DOCKET NUMBER:</b>	P039193-US-NP
<b>NAME OF SUBMITTER:</b>	STEN SCHULER
<b>SIGNATURE:</b>	/Sten Schuler/
<b>DATE SIGNED:</b>	03/23/2017
<b>Total Attachments: 2</b>	

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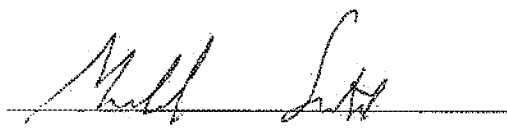
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### ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P039193-US-NP entitled:

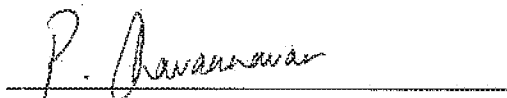
#### METHODS FOR CONTROLLING AND DETECTING CATALYST POISONING OF SELECTIVE CATALYTIC REDUCTION DEVICES

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 00286 to insert the application number and filing date of said application here in parentheses ( 15/467312 filed March 23, 2017 ) when known.

Inventor's signature:  Date: 3/14/2017

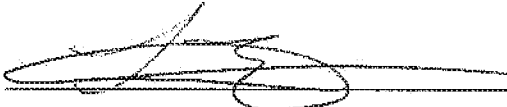
Full name: Michael A. Smith

Residence: Clarkston, Michigan

Inventor's signature:  Date: 3/14/2017

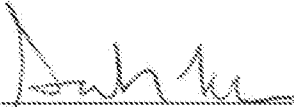
Full name: Praveen S. Chavannavar

Residence: Milford, Michigan

Inventor's signature:  Date: 3/14/2017

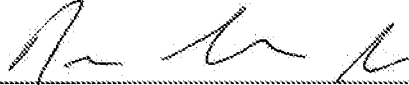
Full name: Po-I Lee

Residence: Rochester Hills, Michigan

Inventor's signature:  Date: 3/14/17

Full name: Sarah Funk

Residence: Canton, Michigan

Inventor's signature:  Date: 3/14/17

Full name: Thomas LaRose Jr.

Residence: Howell, MI.