

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4003721

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RICHARD I. CHANG	08/11/2016
MATTHEW D. WHITTON	08/10/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GM TECHNOLOGY OPERATIONS LLC
<b>Street Address:</b>	300 RENAISSANCE CENTER
<b>Internal Address:</b>	MAIL CODE: 482-C23-B21
<b>City:</b>	DETROIT
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48265-3000
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15234723
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(480)385-5061
<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>Phone:</b>	480-385-5060
<b>Email:</b>	docketing@lkglobal.com
<b>Correspondent Name:</b>	LKGLOBAL (GM)
<b>Address Line 1:</b>	7010 E. COCHISE ROAD
<b>Address Line 4:</b>	SCOTTSDALE, ARIZONA 85253
<b>ATTORNEY DOCKET NUMBER:</b>	003.1334
<b>NAME OF SUBMITTER:</b>	ERIN P. MADILL
<b>SIGNATURE:</b>	/ERIN P. MADILL/
<b>DATE SIGNED:</b>	08/11/2016
<b>Total Attachments: 1</b>	
source=20160811_Assignment_003-1334US#page1.tif	

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 P035134-GMVE-LDA (003.1334) entitled:

**PREDICTIVE TACHOMETER PROFILE GENERATION DURING IDLE REVVING  
EVENTS**

for which application for Letters Patent of the United States:

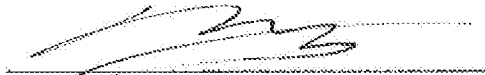
has been executed on even date herewith;  
 executed on \_\_\_\_\_;  
 was filed on August 11, 2016 and assigned U.S. Serial No. 15/234,723;

ASSIGNOR hereby authorizes GM GLOBAL TECHNOLOGY OPERATIONS LLC, its successors and assigns, its legal representatives, or anyone it may properly designate, to insert in this instrument the filing date and/or serial number of said application when ascertained.

Inventor's signature

Full name :

Residence :

  
\_\_\_\_\_  
RICHARD I. CHANG  
ANN ARBOR, MICHIGAN

Date

8/11/2016

Inventor's signature

Full name :

Residence :

  
\_\_\_\_\_  
MATTHEW D. WHITTON  
HOWELL, MICHIGAN

Date

8/10/2016