

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSEPH R. LITTLEFIELD	11/01/2017
ALAN G. HOLMES	11/01/2017
REBECCA K. RISKO CATTELL	11/01/2017
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<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>
Application Number:	15811735
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<b>NAME OF SUBMITTER:</b>	KATHI LOPEZ
<b>SIGNATURE:</b>	/Kathi Lopez/
<b>DATE SIGNED:</b>	11/14/2017
<b>Total Attachments: 1</b>	
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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 P037518-US-NP entitled

## MOTOR VEHICLE POWERTRAIN

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 72823 to insert the application number and filing date of said application here in parentheses ( 15/811735 filed 14-NOV-2017 ) when known.

Inventor's signature Joseph Littlefield Date 11/11/17

Full name : Joseph R. Littlefield

Residence : Sterling Heights, Michigan

Inventor's signature Alan G. Holmes Date 1 Nov 2017

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Inventor's signature Rebecca K. Risko Cattell Date 11/11/2017

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RECORDED: 11/14/2017

REEL: 044114 FRAME: 0444