

## 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>
JUNFENG ZHAO	09/03/2019
CHEN-FANG CHANG	09/03/2019
BHARATKUMAR HEGDE	08/30/2019
INSU CHANG	09/03/2019
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<b>Street Address:</b>	P.O. Box 300
<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>
Application Number:	16559738
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<b>ATTORNEY DOCKET NUMBER:</b>	P047866-US-NP
<b>NAME OF SUBMITTER:</b>	KATHI LOPEZ
<b>SIGNATURE:</b>	/Kathi Lopez/
<b>DATE SIGNED:</b>	09/04/2019
<b>Total Attachments: 3</b> source=Assignment_P047866#page1.tif	

source=Assignment\_P047866#page2.tif

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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 all application types, in the improvements set forth in the United States patent application for P047866-US-NP, which is entitled:

CONNECTED AND AUTOMATED VEHICLES, DRIVING SYSTEMS, AND CONTROL LOGIC FOR INFO-RICH ECO-AUTONOMOUS DRIVING

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 (16/559 738 filed SEP. 4, 2019) when known.

Inventor's signature [Signature] Date 09/03/2019

Full name: Junfeng Zhao  
Residence: Troy, Michigan

Inventor's signature [Signature] Date 9/3/2019

Full name: Chen-fang Chang  
Residence: Bloomfield Hills, Michigan

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name: Bharatkumar Hegde  
Residence: Bloomfield Hills, Michigan

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Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name: Junfeng Zhao

Residence: Troy, Michigan

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name: Chen-fang Chang

Residence: Bloomfield Hills, Michigan

Inventor's signature B. Hegde Date 8/20/2019

Full name: Bharatkumar Hegde

Residence: Bloomfield Hills, Michigan

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Date 09/03/2019

Full name:

In-su Chang

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