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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FAN BAI	08/03/2018
SHU CHEN	08/03/2018
DONALD K. GRIMM	08/03/2018
DAVID E. BOJANOWSKI	08/04/2018
BO YU	08/03/2018
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16142680

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ATTORNEY DOCKET NUMBER:	P046388-US-NP/GM5093PUSP	
NAME OF SUBMITTER:	KATHI LOPEZ	
SIGNATURE:	/Kathi Lopez/	
DATE SIGNED:	09/27/2018	

Total Attachments: 3 source=Assignment_P046388#page1.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 application types, in the improvements set forth in the United States patent application P046388-**US-PSP** entitled

INTELLIGENT VEHICLE NAVIGATION SYSTEMS, METHODS, AND CONTROL LOGIC FOR DERIVING ROAD SEGMENT SPEED LIMITS

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 when known.	here in parentheses (16/142680 f	iled $\frac{9 26 18}{ }$
Inventor's signature	MY	Date8/3/18
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Full name:	Shu Chen	
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Full name:	Donald K. Grimm	
Residence:	UTICA, MICHIGAN	
Inventor's signature		Date
Full name:	David E. Bojanowski	
Residence:	CLARKSTON MICHIGAN	

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 P046388-US-PSP entitled

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practitioner associate	ed a declaration. If the patent application ed with Customer No. 72823 to insert the application there in parentheses (<u>IL/42680</u> fil	oplication number and filing date
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P046388-US-PSP/GM5093PRV

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PATENT REEL: 046986 FRAME: 0644

RECORDED: 09/27/2018