506353958 11/13/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHIMING DUAN	07/31/2018
CHUNHAO J. LEE	07/23/2018
ZHEN ZHANG	08/02/2018
PETER P. RADECKI	07/25/2018
XIAODONG JIA	07/30/2018

RECEIVING PARTY DATA

Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC
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State/Country:	MICHIGAN
Postal Code:	48265

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16052958

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P043612-US-NP
NAME OF SUBMITTER:	KASIA KASPRZAK
SIGNATURE:	/Kasia Kasprzak/
DATE SIGNED:	11/13/2020

Total Attachments: 5

PATENT REEL: 054362 FRAME: 0644

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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 P043612-US-NP entitled:

TORQUE CONVERTER CLUTCH CONTROL SYSTEM HEALTH ESTIMATION

1011202 001	The state of the s	
practitioner associate	d a declaration. If the patent application and with Customer No. 00286 to insert the application of the patent application	oplication number and filing date
Inventor's signature	Gn	Date 67/3//2018
Full name:	Shiming Duan	
Residence:	ANN ARBOR, MICHIGAN	
Inventor's signature		Date
Full name:	Chunhao J. Lee	
Residence:	TROY, MICHIGAN	
Inventor's signature		Date
Full name:	Zhen Zhang	
Residence:	CANTON, MICHIGAN	
Inventor's signature		Date
Full name:	Peter P. Radecki	
Residence:	MILFORD, MICHIGAN	
Inventor's signature		Date
Full name:	Xiaodong Jia	
Residence:		

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Inventor's signature		Date
Full name:	Shiming Duan	
Residence:	ANN ARBOR, MICHIGAN	
Inventor's signature		Date 7/23/2018
Full name:	Chunhao J. Lee	
Residence:	TROY, MICHIGAN	
Inventor's signature		Date
Full name:	Zhen Zhang	
Residence:	CANTON, MICHIGAN	
Inventor's signature		Date
Full name:	Peter P. Radecki	
Residence:	MILFORD, MICHIGAN	
Inventor's signature		Date
Full name:	Xiaodong Jia	
Residence:		

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TORQUE CONVERTER CLUTCH CONTROL SYSTEM HEALTH ESTIMATION

for which I executed a declaration. If the patent application has been filed, I authorize any

for which I execute practitioner associate of said application when known.	d a declaration. If the patent applicant ed with Customer No. 00286 to insert the here in parentheses (<u>16/052958</u>	application number and filing date of the order of the or
Inventor's signature	and the second s	Date
Full name:	Shiming Duan	
Residence:	ANN ARBOR, MICHIGAN	
Inventor's signature	 A plant manner mensemblighet have been an ender the former action of the most and the first operation. 	Date
Full name:	Chunhao J. Lee	
Residence:	TROY, MICHIGAN	
Inventor's signature	Zhen Zhang	Date 8/2/2018
Residence:	CANTON, MICHIGAN	
Inventor's signature	Peter P. Radecki	Date
Residence:	MILFORD, MICHIGAN	
Inventor's signature		Date
Full name:	Xiaodong Jia	
Residence:		

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Inventor's signature		Date	
Full name:	Shiming Duan		
Residence:	ANN ARBOR, MICHIGAN		·
Inventor's signature		Date	
Full name:	Chunhao J. Lee		
Residence:	TROY, MICHIGAN		
Inventor's signature		Date	
Full name:	Zhen Zhang		
Residence:	CANTON, MICHIGAN		
Inventor's signature	PAR	Date	7/25/18
Full name:	Peter P. Radecki WEST BLOOMFIELD		, o
Residence:	MILFORD, MICHIGAN	7/25/	(<i>)</i>
Inventor's signature		Date	
Full name:	Xiaodong Jia		
Residence:			

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Inventor's signature		Date
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PATENT REEL: 054362 FRAME: 0650

RECORDED: 11/13/2020