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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5915125

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHAWN H. SWALES	12/20/2017
KHWAJA M. RAHMAN	12/20/2017
CRAIG S. ROSS	12/20/2017
GORO TAMAI	01/02/2018

RECEIVING PARTY DATA

Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC
Street Address:	P.O. Box 300
Internal Address:	Mail Code 482-C23-B21
City:	Detroit
State/Country:	MICHIGAN
Postal Code:	48265-3000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16744616

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P044193-US-DIV
NAME OF SUBMITTER:	CAROL A. PIERSON
SIGNATURE:	/Carol A. Pierson/
DATE SIGNED:	01/16/2020

Total Attachments: 3

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PATENT REEL: 051536 FRAME: 0808

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> PATENT REEL: 051536 FRAME: 0809

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 P044193-US-NP entitled

PERMANENT MAGNET ELECTRIC MACHINE WITH VARIABLE MAGNET ORIENTATION

practitioner associat	l a declaration. If the patent application has ed with Customer No. 72,823 to insert the a	pplication number and filing date
of said application h	ere in parentheses (15/860239 filed	1 02-JAN-2018)
when known.	A. A. C.	
Inventor's signature	1 Jely Jack	Date (2/20/2017
Full name ;	Shawn H. Swales	
Residence:	CANTON, MICHIGAN	
Inventor's signature		Date
Full name:	Khwaja M. Rahman	
Residence:	TROY, MICHIGAN	
Inventor's signature	Cigha	Date $12/20/2017$
Full name:	Craig S. Ross	
Residence:	YPSILANTI, MICHIGAN	
Inventor's signature		Date
Full name :	Goro Tamai	
Recidence *	BLOOMEIELD HILLS MICHICAN	

PATENT REEL: 051536 FRAME: 0810

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PERMANENT MAGNET ELECTRIC MACHINE WITH VARIABLE MAGNET ORIENTATION

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 (15/860239 filed 02-JAN-2018) when known.

Inventor's signature		Date
Full name:	Shawn H. Swales	
Residence:	CANTON, MICHIGAN	
Inventor's signature Full name: Residence:	Khwaja Rahman TROY, MICHIGAN	Date 12/20/17
Inventor's signature	Management of the control of the con	Date
Full name:	Craig S. Ross	
Residence:	YPSILANTI, MICHIGAN	
Inventor's signature	makkadiguwanukuinkiiniyuwannoottunuuyikuunungumatanukuunuukunoottunukunuku	Date
Full name:	Goro Tamai	

BLOOMFIELD HILLS, MICHIGAN

Residence:

PATENT REEL: 051536 FRAME: 0811

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Inventor's signature		Date
Full name:	Shawn H. Swales	
Residence:	CANTON, MICHIGAN	
Inventor's signature		Date
Full name:	Khwaja M. Rahman	
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Inventor's signature		Date
Full name:	Craig S. Ross	
Residence:	YPSILANTI, MICHIGAN	
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PATENT REEL: 051536 FRAME: 0812

RECORDED: 01/16/2020