#### 504474310 07/26/2017

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JIN-WOO LEE	07/26/2017
BAKHTIAR B. LITKOUHI	07/26/2017

#### **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15659958

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ATTORNEY DOCKET NUMBER:	P007352-US-NP (003.1466)
NAME OF SUBMITTER:	JAMES P. DELANEY
SIGNATURE:	/JAMES P. DELANEY/
DATE SIGNED:	07/26/2017

**Total Attachments: 2** 

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PATENT 504474310 REEL: 043100 FRAME: 0785

#### 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 P007352-US-NP (003.1466) entitled:

## STEERING SYSTEMS AND METHODS FOR GENERATING HAPTIC FEEL TORQUE

for which application	r for Letters Patent of the Unite	d States:			
has been exec	outed on even date herewith;				
was filed on	July 26, 2017 8	md assigned U.S. S	erial No.	15/659,958	
successors and assig	authorizes GM GLOBAL ns, its legal representatives, or ling date and/or serial number (	anyone it may pror	erly desig	mate, to insert	its in
Inventor's signature Full name : Residence :	DANGO LEE ROCHESTER HILLS, MIC			/ <u>36/3c</u>	13
Inventor's signature Full name : Residence :	BAKHTIAR B. LITKOUH WASHINGTON, MICHIG	Date	:		***

PATENT REEL: 043100 FRAME: 0786

#### 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 P007352-US-NP (003.1466) entitled:

# STEERING SYSTEMS AND METHODS FOR GENERATING HAPTIC FEEL TORQUE

	for Letters Patent of the United States: auted on even date herewith;	
executed on	<u>:</u>	
was filed on _	July 26, 2017 and assigned	U.S. Serial No. <u>15/659,958</u> ;
successors and assign	authorizes GM GLOBAL TECHNOL is, its legal representatives, or anyone it maing date and/or serial number of said applications.	ay properly designate, to insert in
Tonas and a state of		
inventor's signature		Date
Inventor's signature Full name:	JIN-WOO LEE	Date
_	JIN-WOO LEE ROCHESTER HILLS, MICHIGAN	Date

RECORDED: 07/26/2017

PATENT REEL: 043100 FRAME: 0787