# 505508936 06/05/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	ΟΑΤΑ			
		Name	Execution Date	
ANTHONY H. HEAP			05/28/2019	
JORDAN BILLET			05/28/2019	
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Postal Code:	48265-	48265-3000		
	S Total: 1			
PROPERTY NUMBER				
PROPERTY NUMBER		Number		
		Number 16431184		
Property Type Application Number:	•			
Property Type	•			
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will</i>	DATA	16431184		
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will a using a fax number, in</i> Phone:	DATA be sent to provideo	16431184 (248)380-8968 o the e-mail address first; if that is unsucc d; if that is unsuccessful, it will be sent via 248-380-9300		
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will a</i> <i>using a fax number, in</i> Phone: Email:	DATA be sent to	16431184 (248)380-8968 <b>b the e-mail address first; if that is unsucc</b> <b>d; if that is unsuccessful, it will be sent via</b> 248-380-9300 usdocketing@quinnlawgroup.com		
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will a using a fax number, in</i> Phone:	DATA be sent to	16431184 (248)380-8968 o the e-mail address first; if that is unsucc d; if that is unsuccessful, it will be sent via 248-380-9300		

ATTORNEY DOCKET NUMBER:	P049194-US-NP			
NAME OF SUBMITTER:	CAROL A. PIERSON			
SIGNATURE:	/Carol A. Pierson/			
DATE SIGNED:	06/05/2019			
Total Attachments: 2				
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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 P049194-US-NP entitled

## METHOD OF DETERMINING TRANSMISSION OUTPUT TORQUE

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 ( $\frac{16}{43}$ /184 filed 04-JUN-2019) when known.

Inventor's signature Full name :	Anthony H. Heap	Date 2019 05 28
Residence :	ANN ARBOR, MICHIGAN	
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Full name :	Jordan Billet	
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Inventor's signature

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**RECORDED: 06/05/2019**