505180785 11/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5227553

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW E. PHILLIPS	10/21/2018
NANDAN THOR	11/02/2017
DYLAN T. BERGSTEDT	11/05/2017
JAEHOON CHOE	11/08/2017
MICHAEL J. DAILY	11/09/2017

RECEIVING PARTY DATA

Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC
Street Address:	300 RENAISSANCE CENTER
Internal Address:	MAIL CODE 482-C22-A68 P.O. BOX 300
City:	DETROIT
State/Country:	MICHIGAN
Postal Code:	48265

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15811846

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: gm.patents@gm.com

Correspondent Name: GENERAL MOTORS LLC, LEGAL STAFF

Address Line 1: 300 RENAISSANCE CENTER

Address Line 2: MAIL CODE 482-C22-A68 P.O. BOX 300

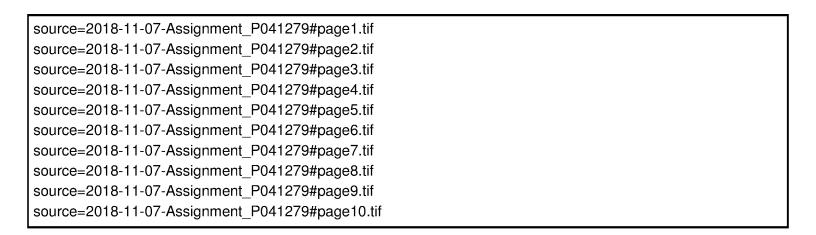
Address Line 4: DETROIT, MICHIGAN 48265

ATTORNEY DOCKET NUMBER:	P041279-US-NP
NAME OF SUBMITTER:	BRIAN CROMARTY
SIGNATURE:	/Brian Cromarty/
DATE SIGNED:	11/08/2018

Total Attachments: 10

PATENT REEL: 047443 FRAME: 0232

505180785



ASSICAMILAT

Pursuant to an agreement with my employer, I formally awar to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, is all countries and application types, in the improvements set forth in the United States patent application PS 1279-US-NP entitled.

METHOD AND APPARATUS FOR AUTONOMOUS SYSTEM PERFORMANCE AND GRADING

Production acceptal	ed a declaration. If the patent application and with Customer No. 00286 to insert the here in parentheses (15/811,846).	
Inventor's signature		Date 10/21/12
Full name	MATTHEW E PHILLIPS	
Residence	MALIBU-CALIFORNIA	
Investor's signature		Date
Full name:	NANDAN THOR	
Residence	SAN LUIS OBISPO, CALIFORNIA	
inventor's signature		Date
ill name	DYLANT BERGSTEDT	
tesidence	SHERMAN OAKS, CALIFORNIA	

Inventor's signature		Date
Full name :	JAEHOON CHOE	
Residence:	AGOURA HILLS, CALIFORNIA	
Inventor's signature		Date
Full name :	MICHAEL J. DAILY	
Residence:	THOUSAND OAKS, CALIFORNIA	

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 P041279-US-NP entitled

METHOD AND APPARATUS FOR AUTONOMOUS SYSTEM PERFORMANCE AND GRADING

practitioner associate	d a declaration. If the patent application ed with Customer No. 00286 to insert the aphere in parentheses (_15/811,846 files	oplication number and filing date
Inventor's signature		Date
Full name:	MATTHEW E. PHILLIPS	
Residence: Inventor's signature	MALIBU, CALIFORNIA	Date 11/02/2017
Full name:	NANDAN THOR	
Residence:	SAN LUIS OBISPO, CALIFORNIA	
Inventor's signature	,	Date
Full name :	DYLAN T. BERGSTEDT	
Residence:	SHERMAN OAKS, CALIFORNIA	

Inventor's signature		Date
Full name:	JAEHOON CHOE	
Residence:	AGOURA HILLS, CALIFORNIA	
Inventor's signature		Date
Full name:	MICHAEL J. DAILY	
Residence:	THOUSAND OAKS, CALIFORNIA	

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 P041279-US-NP entitled

METHOD AND APPARATUS FOR AUTONOMOUS SYSTEM PERFORMANCE AND GRADING

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 00286 to insert the application number and filing date of said application here in parentheses (15/811,846 filed November 14, 2017 when known. Inventor's signature Full name: MATTHEW E. PHILLIPS Residence: MALIBU, CALIFORNIA Inventor's signature Full name: NANDAN THOR Residence: SAN LUIS OBISPO, CALIFORNIA Date 11/5/17 Inventor's signature Full name: DYLAN T. BERGSTEDT

SHERMAN OAKS, CALIFORNIA

Residence:

Inventor's signature		Date
Full name:	JAEHOON CHOE	
Residence:	AGOURA HILLS, CALIFORNIA	
Inventor's signature		Date
Full name:	MICHAEL J. DAILY	
Residence:	THOUSAND OAKS, CALIFORNIA	

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 P041279-US-NP entitled

METHOD AND APPARATUS FOR AUTONOMOUS SYSTEM PERFORMANCE AND GRADING

practitioner associate	ed a declaration. If the patent application of the declaration of the patent application of the declaration. If the patent application of the declaration of the decl	application number and filing date
Inventor's signature		Date
Full name:	MATTHEW E. PHILLIPS	
Residence:	MALIBU, CALIFORNIA	
Inventor's signature		Date
Full name:	NANDAN THOR	
Residence:	SAN LUIS OBISPO, CALIFORNIA	
Inventor's signature		Date
Full name :	DYLAN T. BERGSTEDT	
Residence:	SHERMAN OAKS, CALIFORNIA	

Inventor's signature	<u> </u>	Date 11-8-17.
Full name:	JAEHOON CHOE	
Residence:	AGOURA HILLS, CALIFORNIA	
Inventor's signature	de de la companya de	Date
Full name:	MICHAEL J. DAILY	
Residence:	THOUSAND OAKS, CALIFORNIA	

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 P041279-US-NP entitled

METHOD AND APPARATUS FOR AUTONOMOUS SYSTEM PERFORMANCE AND GRADING

practitioner associate	ed a declaration. If the patent application of the declaration of the patent application of the declaration	application number and filing date
Inventor's signature		Date
Full name:	MATTHEW E. PHILLIPS	
Residence:	MALIBU, CALIFORNIA	
Inventor's signature		Date
Full name:	NANDAN THOR	
Residence:	SAN LUIS OBISPO, CALIFORNIA	
Inventor's signature		Date
Full name:	DYLAN T. BERGSTEDT	
Residence:	SHERMAN OAKS, CALIFORNIA	

Inventor's signature		Date
Full name:	JAEHOON CHOE	
Residence:	AGOURA HILLS, CALIFORNIA	
Inventor's signature Full name:	My Daily MICHAEL J. DAILY	Date 11/9/17
Residence:	THOUSAND OAKS, CALIFORNIA	

PATENT REEL: 047443 FRAME: 0243

RECORDED: 11/08/2018