PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5088191

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SCOTT L. FREDERICK	08/03/2018
SCOTT P. ROBISON	08/03/2018

RECEIVING PARTY DATA

Name:	TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.
Street Address:	6565 HEADQUARTERS DRIVE W1-3C
City:	PLANO
State/Country:	TEXAS
Postal Code:	75024

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16058107

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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.

Phone: (703) 413-3000

Email: mmurphy@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	512447US	
NAME OF SUBMITTER:	: MATTHEW MURPHY	
SIGNATURE:	/Matthew Murphy/	
DATE SIGNED:	08/08/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT 505041440 REEL: 046584 FRAME: 0710

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Invention	SYSTEM AND METHOD FOR CLEANING OBSTRUCTIONS FOR THE SENSORS OF AN AUTONOMOUS VEHICLE
As the below name	d inventor, I hereby declare that:
This declaration 🗵	The attached application, or
is directed to:	United States application or PCT international application number
The above-identifie	d application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, TOY (hereinafter referred 75024, is desirous	OTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC. I to as "ASSIGNEE") having places of business at: 6363 Headquarters Drive WI-3C, Plano, TX of acquiring the entire right, title and interest in and to said invention and in and to any Letters granted therefore in the United States and its territorial possessions and in any and all foreign
said ASSIGNEE, the and in all foreign co- other relevant Interr- interest in and to ar	ORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto e full and exclusive right to the said invention in the United States and its territorial possessions untries (including the right to claim priority under the terms of the International Convention and lational Treaties and Arrangements from the aforesaid application) and the entire right, title and by and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, ewals thereof.
assignee of my entir (his) successors and	e and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the e right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its assigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.
Further, I agree t respecting said inve continuation, substitu all of said Letters P possible to aid said	hat I will communicate to said ASSIGNEE or its (his) representatives any facts known to me ention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, sie, renewal and reissue applications, execute all necessary assignment papers to cause any and atent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ed States and its territorial possessions and in any and all foreign countries.
I hereby acknowle	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ent of not more than five (5) years, or both.
LEGAL NAME OF	NVENTOR
Inventor: Scott L. I	REDERICK Date: 8/3/8
Signature:	24 Killed - 1

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

226985

PATENITay, August 03, 2018

REEL: 046584 FRAME: 0711

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	SYSTEM AND METHOD FOR CLEANING OBSTRUCTIONS FOR THE SENSORS OF AN AUTONOMOUS VEHICLE
As the below name	d inventor, I hereby declare that:
This declaration 🗵	The attached application, or
Oh announce	United States application or PCT international application number
The above-identifie	d application was made or authorized to be made by me.
I believe that I am ti	ne original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, <u>TO</u> \ (hereinafter referred	OTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC. to as "ASSIGNEE") having places of business at 6565 Used season Date 101 20 TH.
5 5 2 7 4 3 C 35 10 10 10 10 10 10 10 10 10 10 10 10 10	of acquiring the entire right, title and interest in and to said invention and in and to any Letters granted therefore in the United States and its territorial possessions and in any and all foreign
said ASSIGNEE, the and in all foreign co- other relevant Interninterest in and to ar	ORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto e full and exclusive right to the said invention in the United States and its territorial possessions untries (including the right to claim priority under the terms of the International Convention and sational Treaties and Arrangements from the aforesaid application) and the entire right, title and may and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, ewals thereof.
assignee of my entir (his) successors and	e and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the e right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its assigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.
Further, I agree to respecting said inve- continuation, substitu- all of said Letters P possible to aid said	hat I will communicate to said ASSIGNEE or its (his) representatives any facts known to me sution, and testify in any legal proceeding, sign all lawful papers, execute all divisional, atc, renewal and reissue applications, execute all necessary assignment papers to cause any and atent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said and states and its territorial possessions and in any and all foreign countries.
I hereby acknowle by fine or imprisonm	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ent of not more than five (5) years, or both.
LEGAL NAME OF I	NVENTOR
Inventor: Scott P. R	OBISON Date: 8/3/2018
Signature: <u>LW</u>	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

226985

PATENTay, August 03, 2018

RECORDED: 08/08/2018