504508916 08/17/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4555621

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.	08/07/2017

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
Street Address:	1, TOYOTA-CHO, TOYOTA-SHI	
City:	AICHI-KEN	
State/Country:	JAPAN	
Postal Code:	471-8571	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14735894

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: corpassignments@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	425992US	
NAME OF SUBMITTER:	CHLOE CAMERON	
SIGNATURE:	/Chloe Cameron/	
DATE SIGNED:	08/17/2017	

Total Attachments: 2

source=425992US ASSN#page1.tif source=425992US ASSN#page2.tif

PATENT 504508916 REEL: 043323 FRAME: 0719

ASSIGNMENT

WHEREAS, Toyota Motor Engineering & Manufacturing North America, Inc., a Kentucky corporation, having a place of business at 25 Atlantic Avenue, Erlanger, Kentucky 41018, is a joint owner with THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, by assignment, of the application for letters patent Application No. 14/735,894, filed June 10, 2015; and which will issue as Letters Patent of the United States of America No. 9,722,247, on August 1, 2017; and

WHEREAS, Toyota Jidosha Kabushiki Kaisha having a place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571, Japan, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEE") is desirous of acquiring right, title and interest in and to said Letters Patent;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) and other valuable consideration, the receipt of which is hereby acknowledged, Toyota Motor Engineering & Manufacturing North America, Inc. by these presents do sell, assign, and transfer unto ASSIGNEE the right, title and interest to the extent held by them for the territory of the United States of America, in and to the aforesaid Letters Patent and the invention described therein, and any reissue or reissues of said Letters Patent to the full end of the term for which said Letters Patent have been granted or reissues may be granted, said invention and Letters Patent to be held and enjoyed by the ASSIGNEE for the use and behoof of their successors, assigns or other legal representatives, and for claims for damage by reason of infringement past and present, as

PATENT REEL: 043323 FRAME: 0720 fully and entirely as the same would have been held by Toyota Motor Engineering & Manufacturing North America, Inc. had this Assignment and sale not been made.

IN TESTIMONY WHEREOF, Toyota Motor Engineering & Manufacturing

North America, Inc. has caused these presents to be signed by its officer thereunto duly
authorized.

TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH

AMERICA, INC.

Date: 3///201//

Name: Frederick W. Mau, II

Title: Intellectual Property counsel

PATENT REEL: 043323 FRAME: 0721

RECORDED: 08/17/2017