506752891 07/07/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6799708

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.	06/22/2021

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	11018375

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NAME OF SUBMITTER:	ELLEN MURABITO
SIGNATURE:	/ELLEN MURABITO/
DATE SIGNED:	07/07/2021

Total Attachments: 2

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PATENT 506752891 REEL: 056772 FRAME: 0732

IP-A-3976

ASSIGNMENT

WHEREAS, Toyota Motor Engineering & Manufacturing North America, Inc., a Kentucky corporation, having a place of business at 6565 Headquarters Drive W1-3C, Plano, Texas 75024, is a joint owner with UNIVERSITY OF MARYLAND, COLLEGE PARK, by assignment, of the application for letters patent Application No. 16/570,888, filed September 13, 2019; and which will issue as Letters Patent of the United States of America No. 11,018,375, on May 25, 2021; 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 Toyota Motor Engineering & Manufacturing North America, Inc.'s
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: 056772 FRAME: 0733 PROTECTED 関係者外秘

2

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: June 22, 2021

Name: Frederick W. Mau, II

Title: Intellectual Property counsel

PATENT REEL: 056772 FRAME: 0734

RECORDED: 07/07/2021