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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.	09/24/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	10421436

CORRESPONDENCE DATA

Fax Number: (248)864-5960

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: 2488645959

Email: record@darrowmustafa.com Correspondent Name: DARROW MUSTAFA PC Address Line 1:

410 NORTH CENTER STREET

Address Line 2: SUITE 200

Address Line 4: NORTHVILLE, MICHIGAN 48167

ATTORNEY DOCKET NUMBER:	TEMA-1039-A
NAME OF SUBMITTER:	CHRISTOPHER G. DARROW
SIGNATURE:	/CHRISTOPHER G. DARROW/
DATE SIGNED:	01/17/2020

Total Attachments: 1

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PATENT REEL: 051546 FRAME: 0532 505870404

ASSIGNMENT OF PATENT

WHEREAS, Toyota Motor Engineering & Manufacturing North America, Inc. of 6565 Headquarters Drive W1-3C, Plano, Texas 75024 (hereinafter referred to as "ASSIGNOR"), has obtained U.S. Patent No. 10,421,436, dated September 24, 2019, entitled SYSTEMS AND METHODS FOR SURVEILLANCE OF A VEHICLE USING CAMERA IMAGES;

WHEREAS, Toyota Motor Engineering & Manufacturing North America, Inc. desires to transfer ownership of above patent; and

WHEREAS, Toyota Jidosha Kabushiki Kaisha, a corporation organized under the laws of the Japan, having its principal place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan, ("ASSIGNEE"), desires to acquire the entire right, title, and interest in the aforesaid patent owned by Assignor;

Now therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the ASSIGNOR's entire right, title and interest in and to the aforesaid Patent; such right, title and interest to be held and enjoyed by the ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY GRANTS to the law firm of Darrow Mustafa PC the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Execution Date: September 24, 2019.

TOYOTA MOTOR ENGINEERING & MANUFACIFURING NORTH AMERICA, INC. By: Print Name: Frederick W. Mau, II Its:

Intellectual Property Counsel

PATENT REEL: 051546 FRAME: 0533

RECORDED: 01/17/2020