505870373 01/17/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5917201

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOYOTA RESEARCH INSTITUTE, INC.	11/26/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	10489663

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NAME OF SUBMITTER:	CHRISTOPHER G. DARROW
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DATE SIGNED:	01/17/2020

Total Attachments: 1

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PATENT 505870373 REEL: 051546 FRAME: 0434

ASSIGNMENT OF PATENT

WHEREAS, Toyota Research Institute, Inc., of 4440 El Camino Real, Los Altos, CA 94022 (hereinafter referred to as "ASSIGNOR"), has obtained U.S. Patent No. 10,489,663, dated November 26, 2019, entitled SYSTEMS AND METHODS FOR IDENTIFYING CHANGES WITHIN A MAPPED ENVIRONMENT;

WHEREAS, Toyota Research Institute, 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: November 26, 2019.

TOYO	TA RESEARCH INSTITUTE, INC.
Ву:	PUp 2UL
Print Name:	Phillip Zackler
Its:	Director, Legal & Compliance

PATENT REEL: 051546 FRAME: 0435

RECORDED: 01/17/2020