

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALEXANDER ALSPACH	05/03/2022
ANDREW M. BEAULIEU	04/27/2022
AIMEE S. GONCALVES	04/19/2022
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17829085
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ATTORNEY DOCKET NUMBER:	108749-590/2021-700
NAME OF SUBMITTER:	NICHOLAUS R. RERICH

SIGNATURE:	/Nicholaus R. Rericha/
DATE SIGNED:	05/31/2022
Total Attachments: 2 source=Dated_Assignment#page1.tif source=Dated_Assignment#page2.tif	

ASSIGNMENT

WHEREAS, we, **Alexander Alspach**, of 15 Cleveland Street, Somerville, MA 02143; **Andrew M. Beaulieu**, of 36 Rogers Ave., Somerville, MA 02144; and **Aimee S. Goncalves**, of 3 Grandview Avenue, Kingston, MA 02364; collectively referred to hereinafter as the *ASSIGNOR(S)*, invented certain new and useful **SENSOR DEVICES INCLUDING FORCE SENSORS AND ROBOTS INCORPORATING THE SAME** for which we executed an application for a United States Patent and for which said application for United States Patent was filed on May 31, 2022, under

☐ Patent Application Serial No. 17/829,085

☒ Attorney Docket No. 108749-590 / 2021-700 / IP-A-5789 ;

WHEREAS, the *ASSIGNOR(S)* hereby authorize(s) and request(s) the attorney(s) and/or agent(s) empowered to act on **Toyota Research Institute, Inc.** and **Toyota Jidosha Kabushiki Kaisha's** behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

WHEREAS, **Toyota Research Institute, Inc.**, a corporation of the State of California, with a place of business at 4440 El Camino Real, Los Altos, CA, 94022 and **Toyota Jidosha Kabushiki Kaisha**, a business of Japan, with a place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571, Japan, hereinafter collectively called the *ASSIGNEES*, are desirous of jointly acquiring *ASSIGNOR(S)* entire right, title and interest in and to said application and the inventions therein disclosed and any Letters Patent that may issue thereon;

AND, WHEREAS, it is the intent of the *ASSIGNOR(S)* to assign all rights, title and interest to the above referenced application to the *ASSIGNEES*, including, but not limited to, all substantive rights in the above-referenced application as well as the right to claim priority, the right to be granted a patent in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, *ASSIGNOR(S)* hereby sell, assign and transfer unto said *ASSIGNEES*, their successors and assigns, the entire right, title and interest, including the right to claim priority in and to said application, the inventions therein disclosed, and any improvements thereon, and in any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof;

ASSIGNOR(S) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, to issue, when granted, any Letters Patent thereon, and any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, to said *ASSIGNEES*, their successors and assigns, as the assignees of the entire right title and interest in and to the same, for the sole use and behalf of the *ASSIGNEES* and the *ASSIGNEES'* successors and assigns, to the full end of the term for which the Letters Patent may be granted, including the term of any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, as fully and entirely as the same would have been held by the *ASSIGNOR(S)* had this assignment not been made;

ASSIGNOR(S) hereby authorize said *ASSIGNEES*, their successors and assigns, to file in their own names applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in their own names the Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof; and

ASSIGNOR(S) hereby agree that, upon request, *ASSIGNOR(S)* will sign all papers, and make all rightful oaths, and do all acts which said *ASSIGNEES*, their successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States application or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof.

ASSIGNOR(S):

By: */Alexander Alspach/*
Alexander Alspach

Date: 5/3/2022

By: */Andrew M. Beaulieu/*
Andrew M. Beaulieu

Date: 4/27/2022

By: */Aimee S. Goncalves/*
Aimee S. Goncalves

Date: 4/19/2022