

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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STEVEN A. PARKISON	03/23/2020
JEFFREY M. WALLS	03/16/2020
RYAN M. WOLCOTT	03/27/2020
MOHAMMAD SAAD	03/23/2020
RYAN M. EUSTICE	03/04/2020
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16834466
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ATTORNEY DOCKET NUMBER:	108749-291 PA / 2019-883
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DATE SIGNED:	03/30/2020
Total Attachments: 2	

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ASSIGNMENT

WHEREAS, we, **Steven A. Parkison** of Ann Arbor, Michigan, **Jeffrey M. Walls** of Mountain View, California, **Ryan W. Wolcott** of Ann Arbor, Michigan, **Mohammad Saad** of San Mateo, California, and **Ryan M. Eustice** of Ann Arbor, Michigan, hereinafter the *ASSIGNOR(S)*, invented certain new and useful **2D TO 3D LINE-BASED REGISTRATION WITH UNKNOWN ASSOCIATIONS** for which we executed a United States provisional patent application on September 13, 2019 under U.S. Provisional Patent Application Serial No. 62/900,102 and for which we executed a non-provisional patent application for a United States Patent filed on March 30, 2020, under

Provisional Patent Application Serial No. 62/900,102,

Utility Patent Application Serial No. 16/834,466,

Attorney Docket No. 108749-291 PA / 2019-883 / IP-A-4066 ;

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.'s** behalf in the aforementioned applications, to insert above the filing date and application numbers of said applications, 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, California 94022, hereinafter called the *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in and to said applications 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 to the above referenced applications to the *ASSIGNEE*, including, but not limited to, all substantive rights in the above-referenced applications 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 *ASSIGNEE*, its successors and assigns, the entire right, title and interest, including the right to claim priority in and to said applications, 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 *ASSIGNEE*, its successors and assigns, as the assignee of the entire right title and interest in and to the same, for the sole use and behalf of the *ASSIGNEE* and the *ASSIGNEE's* 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 *ASSIGNEE*, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States applications or otherwise, and to secure in its own name 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 *ASSIGNEE*, its successors or assigns, may consider necessary in connection with said United States applications, and in connection with any other United States application or foreign application 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: /Steven A. Parkison/
Steven A. Parkison
3/23/2020
Date: _____

By: /Jeffrey M. Walls/
Jeffrey M. Walls
3/16/2020
Date: _____

By: /Ryan W. Wolcott/
Ryan W. Wolcott
3/27/2020
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