

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT8024225

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.	03/28/2023
<b>RECEIVING PARTY DATA</b>	
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<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	471-8571
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16886560
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	T1834.10306US01
<b>NAME OF SUBMITTER:</b>	KATHERINE D. GARDNER
<b>SIGNATURE:</b>	/Katherine D. Gardner/
<b>DATE SIGNED:</b>	06/24/2023
<b>Total Attachments: 3</b>	
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## PATENT ASSIGNMENT AGREEMENT

This Patent Assignment Agreement ("Agreement") is made and entered into as of the date the Agreement is signed, by and between Toyota Motor Engineering & Manufacturing North America, Inc., a Kentucky corporation ("Assignor"), and Toyota Jidosha Kabushiki Kaisha, a Japanese corporation ("Assignee," and together with the Assignor, the "Parties").

WHEREAS, the Parties have agreed that Assignor shall sell, convey, assign, and otherwise transfer, or cause to be sold, conveyed, assigned, and otherwise transferred, as applicable, to Assignee, by appropriate instruments of conveyance, all of the Assignor's right, title, and interest in and to patents and/or patent applications listed in the attached Schedule A (the "Assigned Patents");

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged:

1. Assignment. Assignor hereby sells, conveys, assigns, and otherwise transfers to Assignee, its successors and assigns, all of its right, title, and interest in and to (i) the Assigned Patents and the inventions and improvements disclosed therein; (ii) all reissues, divisionals, continuations, continuations-in-part, extensions, renewals, reexaminations, and foreign counterparts thereof; (iii) the right to file and prosecute in Assignee's own name, wherever so permitted by law, patent applications, including corresponding applications, included in the Assigned Patents; (iv) all rights corresponding to any of the foregoing throughout the world, including the right to claim priority from any of the Assigned Patents, and (v) the right to sue, claim remedies, and recover damages for past, present, and future infringement or other violations or impairments of any of the Assigned Patents.

2. Further Assurances. Assignor agrees that Assignee shall have the right to file or record this Agreement with the United States Patent and Trademark Office or similar entities throughout the world, and Assignor authorizes and requests the relevant authorities to record Assignee as the assignee or owner of the Assigned Patents. Assignor shall execute and delivery to Assignee such documents and take such actions as may be requested by Assignee to register, evidence, or perfect Assignee's rights under this Agreement. In addition, Assignor hereby irrevocably designates and appoints Assignee and its duly authorized officers and agents as its agents and attorneys in fact, to act for an on their behalf and stead of execute and file any documents and to do all other lawfully permitted acts to register, evidence, or perfect Assignee's rights under this Agreement with the same legal force and effect as if executed by Assignor.

3. Counterparts. This Agreement may be executed in several counterparts, each of which shall be deemed an original, but all of which together will constitute one and the same instrument. Counterparts of this Agreement (or applicable signature pages thereof) that are signed and delivered by facsimile or other electronic transmission shall be deemed to constitute signed original counterparts hereof and shall bind the parties signing and delivery in such manner.

4. Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of Kentucky, regardless of the laws that might otherwise govern under applicable principles of conflicts of laws thereof.

5. Severability. In the event that any provision of this Agreement or the application thereof, becomes or is declared by a court of competent jurisdiction to be illegal, void, or unenforceable, the remainder of this Agreement will continue in full force and effect and the application of such provision to other Persons or circumstances will be interpreted so as reasonably to effect the intent of the parties hereto. The parties further agree to replace such void or unenforceable provision of this Agreement with a valid and enforceable provision that will achieve, to the extent possible, the economic, business, and other purposes of such void or unenforceable provision.

*[ signature page follows ]*

IN WITNESS WHEREOF, the undersigned have caused this instrument to be signed as a duly authorized representative as of the date first written above:

**Toyota Motor Engineering & Manufacturing North America Inc.**

By: Frederick W. Mau II  
Frederick W. Mau II (Mar 28, 2023 12:01 CDT)

Name: Frederick W. Mau, II

Title: Intellectual Property Counsel

Date: 03/28/2023

## **SCHEDULE A**

### **Assigned Patents**

1. U.S. Patent Application No. 16/886,560, filed May 28, 2020, and titled ASYNCHRONOUS OBSERVATION MATCHING FOR OBJECT LOCALIZATION IN CONNECTED VEHICLES