

## PATENT ASSIGNMENT COVER SHEET

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<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.	08/26/2016
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	9409294
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<b>SIGNATURE:</b>	/Ketan S. Vakil/
<b>DATE SIGNED:</b>	08/26/2016
<b>Total Attachments: 1</b> source=8700assign#page1.tif	

## ASSIGNMENT

**WHEREAS, Toyota Motor Engineering & Manufacturing North America, Inc.**, a Corporation organized and pursuant to the laws of Kentucky, having its principal place of business at 25 Atlantic Avenue, Erlanger, Kentucky 41018 (hereinafter referred to as Assignor), is a joint owner, by assignment, of the Letters Patent listed in *Schedule A*, along with Carnegie Mellon University (hereinafter referred to as CMU), pursuant to a Research Agreement between Assignor and CMU having an effective date of November 1, 2012; and

**WHEREAS, Toyota Jidosha Kabushiki Kaisha**, a Corporation organized under and pursuant to the laws of Japan, having its principal place of business at 1 Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan (hereinafter referred to as Assignee), is desirous of acquiring Assignor's entire right, title, and interest in, to and under said Letters Patent and the invention covered thereby, and acknowledges that the Letters Patent listed on *Schedule A* is jointly owned by Assignor and CMU;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer, and set over to the said Assignee, Assignor's entire right, title, and interest for the United States of America and all other countries in and to said Letters Patent listed on *Schedule A*. The same to be held and enjoyed by the same Assignee, for its own use and enjoyment of its successors, assigns, and other legal representatives, to the end of the term or terms for which Letters Patent of the United States and all other countries listed on the attached *Schedule A* are granted or reissued or reexamined as fully and entirely as the same would have been held and enjoyed by the said Assignor, if this assignment and sale had not been made, together with all claims for damages by reason of past infringement of Letters Patent listed on *Schedule A*, with the right to sue for, and collect the same for its own use and behoof, and for the use and behoof of its successors, assigns, or other legal representatives.

### SCHEDULE A

Patent Number	Date of Patent	Inventors	Title	Country
9,409,294	August 9, 2016	Evan Shapiro Prasanna Velagapudi Aaron M. Blasdel	Hierarchical Geometric Plan Composition (HGPC) Framework for Robot Task Planning	USA

Date: 8/26/2016

Signature: 

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