

# PATENT ASSIGNMENT

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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>
Yasuhiro Ota	07/19/2010
Masaru Ryumae	07/19/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Toyota Motor Engineering & Manufacturing North America, Inc.
<b>Street Address:</b>	25 Atlantic Avenue
<b>City:</b>	Erlanger
<b>State/Country:</b>	KENTUCKY
<b>Postal Code:</b>	41081
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12847640
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<b>NAME OF SUBMITTER:</b>	Nicholaus R. Rericha
<b>Total Attachments: 1</b> source=22562-319_Final_Ota-Ryumae_Assign#page1.tif	

OP \$40.00 12847640

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**PATENT**  
**REEL: 024769 FRAME: 0684**

**ASSIGNMENT**

WHEREAS, we, **Yasuhiro Ota** of 10081 Whittlesey Drive, Union, Kentucky 41091 and **Masaru Ryumae** of 1320 Oxley Court, Union, Kentucky 41091 invented certain new and useful **Physical Assistive Robotic Devices and Systems** for which we executed an application for a United States Patent and for which said application for United States Patent was filed on

July 30, 2010, under

☒ Patent Application Serial No. 12/847,640

☒ Attorney Docket No. 22562-319 / 2009-212;

WHEREAS, we hereby authorize and request the attorney(s) and/or agent(s) empowered to act on **Toyota Motor Engineering & Manufacturing North America, Inc.**'s behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

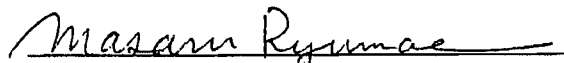
AND WHEREAS, **Toyota Motor Engineering & Manufacturing North America, Inc.**, a corporation of the State of Kentucky, with a place of business at 25 Atlantic Avenue, Erlanger, KY 41018, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and we hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and we 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 application or otherwise, and to secure in its own name the patent or patents issued thereon; and we hereby agree that, upon request, we 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 application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

Date: 7/19/2010

  
Yasuhiro Ota

Date: 7/19/10

  
Masaru Ryumae