

# PATENT ASSIGNMENT

Electronic Version v1.1

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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>
Steven F. Kalik	04/20/2007
<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>	41018
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12726442
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<b>ATTORNEY DOCKET NUMBER:</b>	TTC-36203/08
<b>NAME OF SUBMITTER:</b>	Martin S. Bancroft
<b>Total Attachments: 2</b> source=SCAN_5035_012695#page1.tif source=SCAN_5035_012695#page2.tif	

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**PATENT**  
**REEL: 024121 FRAME: 0439**

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this 20<sup>th</sup> day of April, 2007, by Steven F. Kalik (hereinafter referred to as Assignor), residing at 15 Jason Terrace Unit #1, Arlington MA, 02476;

WHEREAS, Assignor has invented certain new and useful improvements in ENERGY EFFICIENT ROBOTIC SYSTEM, set forth in a Patent application for Letters Patent of the United States, already filed on 5/25/07 as U.S. Application No. 11/753,715 and

Motor

WHEREAS, Toyota <sup>Motor</sup> Engineering & Manufacturing North America, Inc., a Corporation organized under and pursuant to the laws of Kentucky having its principal place of business at 25 Atlantic Avenue, Erlanger, Kentucky 41018 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest, domestic and foreign, in and to the above-mentioned inventions and discoveries, including the right of said Assignee, its successors, legal representatives and assigns, to make and receive Letters Patent for said inventions and discoveries in any and all foreign countries in its own name, or in the name of the Assignor has, at its election, and all rights of priority in and to said inventions and discoveries in all countries.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, Assignor has not granted any rights inconsistent with the rights granted herein.

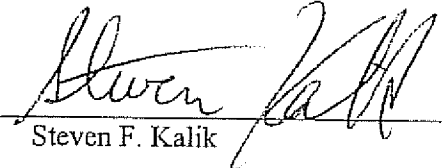
AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor, heirs, successors,

assigns or other legal representatives will sign any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform all acts which Assignee, its successors, legal representatives and assigns may deem necessary to secure thereto the rights herein assigned, sold and set over.

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON & CITKOWSKI, P.C.

All practitioners at Customer Number 63796

Date: 20 April 2007 Signature:   
Steven F. Kalik

This Assignment relates to U.S. Patent Application Serial No. 12/726,442, filed March 18, 2010, which is a divisional of U.S. Patent application Serial No. 11/753,715, filed May 25, 2007.