

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
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<table border="1"> <tr> <td>Name:</td> <td>FANUC ROBOTICS AMERICA CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>3900 W. Hamlin Road</td> </tr> <tr> <td>City:</td> <td>Rochester Hills</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48309</td> </tr> </table>		Name:	FANUC ROBOTICS AMERICA CORPORATION	Street Address:	3900 W. Hamlin Road	City:	Rochester Hills	State/Country:	MICHIGAN	Postal Code:	48309								
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Application Number:	13462234																		
CORRESPONDENCE DATA																			
Fax Number:	(419)874-1130																		
Phone:	419-874-1100																		
Email:	smith@fraser-ip.com																		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																			
Correspondent Name:	William J. Clemens																		
Address Line 1:	28366 Kensington Lane																		
Address Line 4:	Perrysburg, OHIO 43551																		

ATTORNEY DOCKET NUMBER:	1-17715
NAME OF SUBMITTER:	William J. Clemens
Total Attachments: 2 source=17715 Executed Assignment#page1.tif source=17715 Executed Assignment#page2.tif	

ASSIGNMENT

For One Dollar and other good and valuable consideration to us in hand paid, receipt whereof is hereby acknowledged, WE,

H. DEAN MCGEE, of 74 Texas Avenue, Rochester Hills, Michigan 48309,

TIEN L. CHANG, of 2805 Briarwood, Troy, Michigan 48085,

PETER SWANSON, of 2615 Solar Dr., Lake Orion, MI 48360,

JIANMING TAO, of 1971 Bluff Court, Troy, Michigan 48098,

DI XIAO, of 3152 Tamarron, Rochester Hills, MI 48309,

HO CHEUNG WONG, of 1133 Barton Way, Troy, Michigan 48098,

SAI-KAI CHENG, of 2475 Evergreen Ct., Rochester Hills, MI 48309, and

JASON TSAI, of 1734 Heron Ridge, Bloomfield Hills, Michigan 48302,

have sold, assigned and transferred and by these presents do sell, assign and transfer unto FANUC ROBOTICS AMERICA CORPORATION, a corporation organized and existing under and by virtue of the laws of the State of Delaware, having offices at 3900 W. Hamlin Road, Rochester Hills, Michigan 48309, the entire right, title and interest in and to the invention and/or certain improvements thereto, titled METHOD AND SYSTEM FOR AUTOMATICALLY PREVENTING DEADLOCK IN MULTI-ROBOT SYSTEMS, described in a utility application for United States Letters Patent filed on May 2nd, 2012, and assigned U.S. Application Serial No. 13/462,234 which claims the benefit of priority of U.S. Provisional Patent Application Serial No. 61/482,808 filed May 5, 2011, together with any continuation, continuation-in-part disclosing improvements, additions, and/or modifications, or divisional applications, and any Letters Patent to be obtained therefor in the United States of America, and all other countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks and the officials empowered to issue patents in countries foreign to the United States of America to issue any and all Letters Patent that may be granted for said invention and/or improvements, additions, and/or modifications to the said

METHOD AND SYSTEM FOR AUTOMATICALLY PREVENTING DEADLOCK IN
MULTI-ROBOT SYSTEMS, for the sole use and behoof of itself, its successors and assigns.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seal on the dates
shown below.

4/30/2012
Date

H. Dean McGee
H. Dean McGee

April 24, 2012
Date

Tien L. Chong
Tien L. Chong

5/1/2012
Date

Peter Swanson
Peter Swanson

5-1-12
Date

Jianming Tao
Jianming Tao

04/24/12
Date

Di Xiao
Di Xiao

5-1-12
Date

Ho Cheung Wong
Ho Cheung Wong

4/30/2012
Date

Sai-Kai Cheng
Sai-Kai Cheng

5/1/2012
Date

Jason Tsai
Jason Tsai