

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael Groll</td> <td>09/20/2010</td> </tr> <tr> <td>Thomas Purrucker</td> <td>09/20/2010</td> </tr> <tr> <td>Dietmar Tscharnuter</td> <td>09/06/2010</td> </tr> </tbody> </table>		Name	Execution Date	Michael Groll	09/20/2010	Thomas Purrucker	09/20/2010	Dietmar Tscharnuter	09/06/2010		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Kuka Roboter GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Zugspitzstrasse 140</td> </tr> <tr> <td>City:</td> <td>Augsburg</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>86165</td> </tr> </table>		Name:	Kuka Roboter GmbH	Street Address:	Zugspitzstrasse 140	City:	Augsburg	State/Country:	GERMANY	Postal Code:	86165
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CORRESPONDENCE DATA											
<p>Fax Number: (513)241-6234 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 513-241-2324</p> <p>Email: pschreiber@whepatent.com</p> <p>Correspondent Name: Wood, Herron & Evans, LLP</p> <p>Address Line 1: 441 Vine Street</p> <p>Address Line 2: Suite 2700</p> <p>Address Line 4: Cincinnati, OHIO 45202</p>											
ATTORNEY DOCKET NUMBER:	KUKAR-46										
NAME OF SUBMITTER:	David W. Dorton										
<p>Total Attachments: 4 source=Assignment#page 1.tif</p>											

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ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, we, **Michael Groll, Thomas Purrucker, and Dietmar Tscharnuter** hereby assign to **Kuka Roboter GmbH**, a corporation of **Germany** and having a place of business at **Zugspitzstrasse 140, Augsburg, Germany 86165**, and its successors and assigns (collectively hereinafter called "the Assignee"), my entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent filed herewith, entitled,

CALIBRATION OF A MANIPULATOR

- ☐ filed on even date herewith, or
☒ filed on September 16, 2010 as application Serial No. 12/883,309
preparatory to obtaining Letters Patent of the United States therefor,
(I hereby authorize and request any one of the attorneys of Wood, Herron & Evans, L.L.P., 2700 Carew Tower, 441 Vine Street, Cincinnati, OH 45202, to insert herein the application serial number of said application when known.)

this assignment including said application, any continuation, division or continuation-in-part thereof and/or substitute therefor, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and agree for ourselves and our heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

WITNESS my hand this 20 day of September, 2010.

Michael Groll, First Inventor.
Michael Groll

Cuong Nguyen-Xuan 20/09/2010
Witness Cuong Nguyen-Xuan

WITNESS my hand this 20 day of September, 2010.

Thomas Purucker, Second Inventor.
Thomas Purucker

Cuong Nguyen-Xuan 20/09/2010
Witness Cuong Nguyen-Xuan

WITNESS my hand this 6 day of September, 2010.

Dietmar Tscharnuter, Third Inventor.

Dr. Dietmar Tscharnuter

Cuong 06/09/2010
Witness Cuong Nguyen - Xuan