

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Gunter Schreiber	04/27/2010
Ulrich Hagn	04/26/2010
RECEIVING PARTY DATA	
Name:	Kuka Roboter GmbH
Street Address:	Zugspitzstrasse 140
City:	Augsburg
State/Country:	GERMANY
Postal Code:	86165
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12738765
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ATTORNEY DOCKET NUMBER:	KUKAR-29
NAME OF SUBMITTER:	David W. Dorton

OP \$40.00 12738765

Total Attachments: 3
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**PATENT
 REEL: 024296 FRAME: 0025**

ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, we, **Günter Schreiber** and **Ulrich Hagn** 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"), our 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,

MANIPULATOR, PARTICULARLY INDUSTRIAL ROBOT, HAVING A REDUNDANT SENSOR ARRANGEMENT, AND METHOD FOR THE CONTROL THEREOF


- filed on even date herewith, or
 filed on April 19, 2010 as application Serial No. 12/738,765 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.

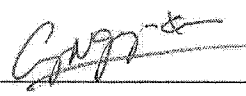
WITNESS my hand this 27. day of APRIL, 2010.

, First Inventor.
Günter Schreiber

 27.04.10
Witness Cuong Nguyen-Xuan

WITNESS my hand this 26th day of APRIL, 2010.


_____, Second Inventor.
Ulrich Hagn


_____, 26.04.10
Witness Cuong Nguyen-Xuan