PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Steidl Dietmar	01/28/2010

RECEIVING PARTY DATA

Name:	KUKA ROBOTER GMBH
Street Address:	Zugspitzstrasse 140
City:	Augsburg
State/Country:	GERMANY
Postal Code:	D-86165

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12691363

CORRESPONDENCE DATA

Fax Number: (312)258-5921

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 312-258-5790

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Correspondent Name: Steven H. Noll
Address Line 1: Schiff Hardin LLP

Address Line 2: Suite 6600 - 233 S. Wacker Drive Address Line 4: CHICAGO, ILLINOIS 60606-6473

ATTORNEY DOCKET NUMBER: P090362 (38698-0001)

NAME OF SUBMITTER: Steven H. Noll

Total Attachments: 1

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OP \$40.00 126913

PATENT REEL: 024186 FRAME: 0507

ASSIGNMENT

FOR a valuable consideration, the undersigned,

STEIDL DIETMAR

residing at,

Peterhofstrasse 4 86163 Augsburg Germany

hereby sell, assign and transfer unto KUKA ROBOTER GMBH, Zugspitzstrasse 140, D-86165 Augsburg, Germany a German corporation, the whole right, title and interest in and to a certain invention or improvement in

METHOD AND DEVICE TO DETERMINE A RELATIVE POSITION USING A RESOLVER

disclosed in an application for Letters Patent of the United States, prepared by the Patent Department of the Firm Schiff Hardin LLP of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. P09,0362 and in our own records as Case No. 105125P524US, and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

I hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said KUKA ROBOTER GMBH, Zugspitzstrasse 140, D-86165 Augsburg, Germany.

For the same consideration, I hereby agree that I will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

DATE: 28.01. 40	Swil	
	Steidl Dietmar	
WITNESSES: JUCHT Cuong Nguyen-Xuan	01/28/2010	
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RECORDED: 04/05/2010

PATENT REEL: 024186 FRAME: 0508