

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Axel Bader</td><td>07/04/2005</td></tr><tr><td>Sven Hansen</td><td>07/04/2005</td></tr><tr><td>Steffen Schmidt</td><td>07/04/2005</td></tr><tr><td>Kim Henrich</td><td>07/04/2005</td></tr></tbody></table>	Name	Execution Date	Axel Bader	07/04/2005	Sven Hansen	07/04/2005	Steffen Schmidt	07/04/2005	Kim Henrich	07/04/2005	
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Kim Henrich	07/04/2005										
RECEIVING PARTY DATA											
Name:	ABB Patent GmbH										
Street Address:	Wallstadter Strasse 59										
City:	Ladenburg										
State/Country:	GERMANY										
Postal Code:	D-68526										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11153069</td></tr></tbody></table>	Property Type	Number	Application Number:	11153069							
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Application Number:	11153069										
CORRESPONDENCE DATA											
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Total Attachments: 1 source=ASS-047#page1.tif											

OP \$40.00 11153069

PATENT

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REEL: 023561 FRAME: 0550

Docket No.: Mp Nr 04/569

ASSIGNMENT

WHEREAS WE, AXEL BADER, SVEN HANSEN, STEFFEN SCHMIDT and KIM HENRICH, residing respectively at FRIEDBERG, BERSTADT, AALEN and GELNHAAR, Germany, have invented certain new and useful improvements in a

METHOD AND SYSTEM FOR APPRAISING THE WEAR OF AXES
OF A ROBOT ARM

for which an application for Letters Patent of the United States of America was executed on the date of execution of this assignment;

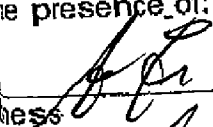
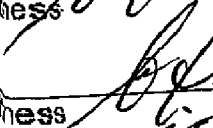
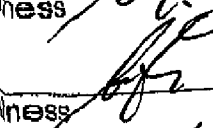
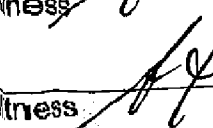
WHEREAS, ABB PATENT GMBH, a German limited liability company doing business at Ladenburg, Germany, is desirous of acquiring the entire interest in said invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for and in consideration of our employment by the said limited liability company and other valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said limited liability company, its legal representatives, successors and assigns, the full and ~~exclusive right to the said invention as fully set forth and described in the above-~~ mentioned application, and to said application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of said Letters Patent, the same to be held and enjoyed by the said limited liability company, its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND WE hereby authorize the Commissioner for Patents to issue any and all Letters Patent of the United States on said invention or resulting from said Application and from any and all divisions and continuations thereof to the said limited liability company as the assignee of the entire right, title and interest in and to the same.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

In the presence of:

Witness		AXEL BADER	(LS)	04.07.05 Date
Witness		SVEN HANSEN	(LS)	04.07.05 Date
Witness		STEFFEN SCHMIDT	(LS)	4.7.05 Date
Witness		KIM HENRICH	(LS)	04.07.05 Date

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