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### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
lan BIRD-RADOLOVIC	04/28/2008
Peter J. ERIKSSON	04/28/2008

#### **RECEIVING PARTY DATA**

Name:	ABB AB
Street Address:	Kopparbergsvagen 2
City:	Vasteras
State/Country:	SWEDEN
Postal Code:	S-721 83

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12301203

# CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 43314-258798

NAME OF SUBMITTER: Eric J. Franklin

Total Attachments: 2

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PATENT REEL: 021845 FRAME: 0908

500706642

Attorney Docket: 43314-258798 400588US AR NJ

#### ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Ian BIRD-RADOLOVIC, Mällbyvägen 19 B, S-722 33 Västeras, Sweden; and Peter J. ERIKSSON, Barrskogsvägen 5, S-723 41 Västerås, Sweden, hereinafter (collectively) referred to as assignor, has invented certain improvements relating to <u>A CONTROL SYSTEM FOR AN INDUSTRIAL ROBOT</u> for which said assignor has caused an application for United States Letter Patent to be prepared,

which said assig	gnor has caused an application for United States Letter Patent to be prepared,
[ ] the invento instrument;	or's declaration for said application being executed concurrently with the execution of this
	ation to be filed in the United States Patent and Trademark Office; rovisional application having been filed in the United States Patent and Trademark Office on , and given Application Number;
	ation having been filed under the Patent Cooperation Treaty on 27 March 2007, and given a No. PCT/EP2007/052925, the United States of America having been designated.
AND WHEREA	AS ABB AB Kopparbergsvägen 2 S-721 83 Västerås Sweden
application, incl	red to as the assignees is desirous of acquiring the entire right, title and interest in and to said luding any divisions and continuations thereof, and in and to said invention and any patents ranted therefor, including any renewals, reissues and prolongations thereof;
consideration pathereby assigns, exclusive right, continuations the prolongations the enjoy the said in which may be go powers, privileg terms of any sucand benefit of sa	TNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable aid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor sells and transfers to said assignee, and said assignee's successors and assigns, the entire and title and interest in and to said invention and to said application, including any divisions and ereof, and in any patents which may be granted therefor, including any renewals, reissues and ereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and evention and said application, including any divisions and continuations thereof, and any patents ranted therefor, including any renewals, reissues and prolongations thereof, with all the rights, see and advantages in anywise arising from or appertaining thereto, for and during the term or the patents when granted, including any renewals, reissues and prolongations thereof, for the use aid assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as a might or could have held and enjoyed the same, if this assignment had not been made.
	nor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or relating to the obtaining or to the asserting of said patents, including any renewals, reissues as thereof.
on said applicati	nor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent ion, and on any divisions and continuations thereof, to said assignee, and said assignee's assigns, in accordance herewith.
EXECUTED, th	uis <u>28 day of April</u> , 2008
Signature:	In Bol Rolen
Name:	Ian BIRD-RADOLOVIC
Address:	Mällbyvägen 19 B, S-722 33 Västeras, Sweden
EXECUTED, th	is day of, 2008
Signature:	
Name:	Peter J. ERIKSSON
Address:	Barrskogsvägen 5, S-723 41 Västerås, Sweden

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PATENT REEL: 021845 FRAME: 0909

Attorney Docket: 43314-258798 400588US AR NJ

# ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Ian BIRD-RADOLOVIC, Mällbyvägen 19 B, S-722 33 Västeras, Sweden; and Peter J. ERIK SSON Barrskogsvägen 5 S-723 41 Västeras Sweden hereinafter (collectively) referred to as

has invented	certain improvements relating to A CONTROL SYSTEM FOR AN INDUSTRIAL ROBOT for
which said as	signor has caused an application for United States Letter Patent to be prepared,
[ ] the inventional instrument	tor's declaration for said application being executed concurrently with the execution of this
	ication to be filed in the United States Patent and Trademark Office;
	-Provisional application having been filed in the United States Patent and Trademark Office on
	, and given Application Number;
[X] said appli	cation having been filed under the Patent Cooperation Treaty on 27 March 2007, and given
Applican	on No. PCT/EP2007/052925, the United States of America having been designated.
AND WHERE	BAS ABB AB
	Kopparbergsvägen 2
	S-721 83 Västerås
	Sweden
application, in	erred to as the assignees is desirous of acquiring the entire right, title and interest in and to said coluding any divisions and continuations thereof, and in and to said invention and any patents granted therefor, including any renewals, reissues and prolongations thereof;
consideration hereby assigns exclusive right continuations prolongations enjoy the said which may be powers, privileterms of any stand benefit of the said assigns, any are and prolongation said asplication said application said application said application assigns, and prolongation said application said applications.	VITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and t, title and interest in and to said invention and to said application, including any divisions and thereof, and in any patents which may be granted therefor, including any renewals, reissues and thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and invention and said application, including any divisions and continuations thereof, and any patents granted therefor, including any renewals, reissues and prolongations thereof, with all the rights, eges and advantages in anywise arising from or appertaining thereto, for and during the term or uch patents when granted, including any renewals, reissues and prolongations thereof, for the use said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as or might or could have held and enjoyed the same, if this assignment had not been made.  gnor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or its relating to the obtaining or to the asserting of said patents, including any renewals, reissues ons thereof.  gnor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent assigns, in accordance herewith.
	. —————————————————————————————————————
EXECUTED,	this day of, 2008
Signature:	
Name:	Ian BIRD-RADOLOVIC
Address:	Mällbyvägen 19 B, S-722 33 Västeras, Sweden
	<b>,</b>
EXECUTED,	this 28 day of _Ap, 2008
Signature:	-tal a
Name:	Peter J. ERIKSSON
Address.	Barreknosvägen 5 S773 41 Västerås Sueden

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**PATENT REEL: 021845 FRAME: 0910** 

**RECORDED: 11/17/2008**