PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Lars BARKMAN	03/24/2011
Mattias LINDEVALL	03/24/2011
Pascal CABANNE	03/24/2011
Peter BYLUND	03/24/2011
Joachim LJUNGKVIST	03/24/2011

RECEIVING PARTY DATA

Name:	ABB TECHNOLOGY AB	
Street Address:	ABB TECHNOLOGY AB	
City:	VASTERAS	
State/Country:	SWEDEN	
Postal Code:	SE-721 83	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13127535	

CORRESPONDENCE DATA

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Address Line 4: WASHINGTON, DC, DISTRICT OF COLUMBIA 20004

ATTORNEY DOCKET NUMBER:	43315-302674
NAME OF SUBMITTER:	Eric J. Franklin

Total Attachments: 6

PATENT REEL: 026225 FRAME: 0110 H \$40.00 131275

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> PATENT REEL: 026225 FRAME: 0111

Attorney Docket: 43315-302674

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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Lars BARKMAN, Tångstavägen 4, SE-725 97 Västerås, Sweden; Mattias LINDEVALL, Brudslöjevägen 7, SE-722 46 Västerås, Sweden; Pascal CABANNE, Rösestigen 6, SE-152 59 Södertälje, SWEDEN; Peter BYLUND, Drottninggatan 15C, SE-724 64 Västerås, Sweden; and Joachim LJUNGKVIST, Mandelblomsgatan 4, SE-722 25 Västerås, Sweden, hereinafter (collectively) referred to as assignor, has invented certain improvements relating to A PROCESS TURNING DISC, A ROBOT ARM COMPRISING A PROCESS TURNING DISC, A ROBOT AND A USE OF A PROCESS TURNING DISC, for which said assignor has caused an application for United States Letter Patent to be prepared,

 [] the inventor's declaration for said application being executed concurrently with the execution of this instrument; [] said application to be filed in the United States Patent and Trademark Office; [] said Non-Provisional application having been filed in the United States Patent and Trademark Office on, and given Application Number; [X] said application having been filed under the Patent Cooperation Treaty on 16 March 2009, and given Application No. PCT/EP2009/053089, the United States of America having been designated. 				
AND WHEREAS ABB Technology AB SE-721 83 Västerås Sweden				
hereinafter referred to as the assignees is desirous of acquiring the entire right, title and interest in and to said application, including any divisions and continuations thereof, and in and to said invention and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof;				
NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said invention and to said application, including any divisions and continuations thereof, and in any patents which may be granted therefor, including any renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said invention and said application, including any divisions and continuations thereof, and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any such patents when granted, including any renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.				
AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any acts relating to the obtaining or to the asserting of said patents, including any renewals, reissues and prolongations thereof.				
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.				
EXECUTED, this 24 day of 03 , 2011 Signature: Lars BARKMAN Address: Tångstavägen 4, SE-725 97 Västerås, Sweden				
Signature: Mattias LINDEVALL				

Brudslöjevägen 7, SE-722 46 Västerås, Sweden

Address:

EXECUTED, thi	s $\frac{24}{\text{day of }}$ $\frac{11478Ct+}{11488}$, 2011
Signature: Name: Address:	Pascal CABANNE Rösestigen 6, SE-152 59 Södertälje, SWEDEN
EXECUTED, thi	s day of, 2011
Signature: Name: Address:	Peter BYLUND Drottninggatan 15C, SE-724 64 Västerås, Sweden
EXECUTED, thi	s day of, 2011
Signature: Name: Address:	Joachim LJUNGKVIST Mandelblomsgatan 4, SE-722 25 Västerås, Sweden

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Lars BARKMAN, Tångstavägen 4, SE-725 97 Västerås, Sweden; Mattias LINDEVALL, Brudslöjevägen 7, SE-722 46 Västerås, Sweden; Pascal CABANNE, Rösestigen 6, SE-152 59 Södertälje, SWEDEN; Peter BYLUND, Drottninggatan 15C, SE-724 64 Västerås, Sweden; and Joachim LJUNGKVIST, Mandelblomsgatan 4, SE-722 25 Västerås, Sweden, hereinafter (collectively) referred to as assignor, has invented certain improvements relating to A PROCESS TURNING DISC, A ROBOT ARM COMPRISING A PROCESS TURNING DISC, A ROBOT AND A USE OF A PROCESS TURNING DISC, for which said assignor has caused an application for United States Letter Patent to be prepared,

PROCESS TURNING assignor has caused a	3 DISC, A ROBOT in application for Uni	AND A USE OF A Pited States Letter Pate	ROCESS TURNING I ent to be prepared,	<u>)ISC</u> , for which	h said
instrument; [] said application [] said Non-Provisi, and [X] said application h	to be filed in the Uni ional application hav I given Application N laving been filed und	ited States Patent and ring been filed in the U Number; der the Patent Coopera	United States Patent and ation Treaty on <u>16 Mar</u> e	d Trademark O ch 2009, and g	Office on
Application No.	PCT/EP2009/053089	2, the United States of	f America having been	designated.	•
AND WHEREAS	ABB Technolo SE-721 83 Vä Sweden				
application, including	any divisions and c	continuations thereof,	the entire right, title and and in and to said inve as and prolongations the	ntion and any	d to said patents
consideration paid by hereby assigns, sells a exclusive right, title a continuations thereof prolongations thereof enjoy the said inventiwhich may be granted powers, privileges an terms of any such pat and benefit of said as the said assignor might assigns, any acts related and prolongations the	said assignee to said and transfers to said and interest in and to and in any patents; said assignee, and so on and said application of therefor, including dadvantages in anywents when granted, in signee, and said assignee, and said assignet or could have held ereby agrees to perform to the obtaining ereof.	d assignor, the receipt assignee, and said ass said invention and to which may be granted said assignee's succession, including any divany renewals, reissue wise arising from or a neluding any renewal gnee's successors and d and enjoyed the same orm, upon the request or to the asserting of	ne Dollar (\$1.00), and of which is hereby ack signee's successors and said application, includ therefor, including an sors and assigns, to havisions and continuations and prolongations the ppertaining thereto, for s, reissues and prolong assigns, in as ample and, if this assignment have of said assignee, or said said patents, including	assigns, the ending any divisity renewals, reive, hold, exercins thereof, and ereof, with all the and during the ations thereof, and beneficial and not been mad assignee's surany renewals,	aid assignor and ions and issues and isse and any patents the rights, e term or for the use manner as ade.
AND said assignor at on said application, a successors and assign	nd on any divisions	and continuations the	of Patents and Tradema ereof, to said assignee,	irks to issue Le and said assign	etters Patent nee's
EXECUTED, this	day of	, 2011		·	
	rs BARKMAN ngstavägen 4, SE-72:	5 97 Västerås, Swede	n.		
EXECUTED, this	day of	, 2011			
Signature: Mame: Ma	ittias LINDEVALL		-		

Brudslöjevägen 7, SE-722 46 Västerås, Sweden

Address:

Signature:				
Name:	Pascal CABANNE			
Address:	Rösestigen 6, SE-152 59 Södertälje, SWEDEN			
EXECUTED,	this 24 day of 03, 2011			
Signature:	Peta Bylivel			
Name:	Peter BYLUND			
Address:	Drottninggatan 15C, SE-724 64 Västerås, Sweden			
EXECUTED,	this, 2011			
Signature:				
Name:	Joachim LJUNGKVIST			
A deleger	Mandalblomegatan 4 SP-722 25 Västerås Swede			

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Lars BARKMAN, Tångstavägen 4, SE-725 97 Västerås, Sweden; Mattias LINDEVALL, Brudslöjevägen 7, SE-722 46 Västerås, Sweden; Pascal CABANNE, Rösestigen 6, SE-152 59 Södertälje, SWEDEN; Peter BYLUND, Drottninggatan 15C, SE-724 64 Västerås, Sweden; and Joachim LJUNGKVIST, Mandelblomsgatan 4, SE-722 25 Västerås, Sweden, hereinafter (collectively) referred to as assignor, has invented certain improvements relating to A PROCESS TURNING DISC, A ROBOT ARM COMPRISING A PROCESS TURNING DISC, A ROBOT AND A USE OF A PROCESS TURNING DISC, for which said assignor has caused an application for United States Letter Patent to be prepared,

invented certa	in improvements relating to	A PROCESS TORIVIN	ODISC, A RODOLA	SC for which said
PROCESS TU	JRNING DISC, A ROBOT	AND A USE OF A PRO	to be prepared	3C, for which said
assignor has c	aused an application for Un	nted States Letter Patent	to be prepared,	
[] the invening	tor's declaration for said ap	plication being executed	concurrently with the	execution of this
mstrumen I said oppli	ication to be filed in the Un	sited States Patent and Tr	ademark Office:	
[] Said appir	Provisional application hav	ving been filed in the Uni	ited States Patent and	Trademark Office on
[] Salu Noll-	, and given Application	Number		
[Y] said applie	cation having been filed un	der the Patent Cooperation	on Treaty on 16 March	2009, and given
Annlicatio	on No. PCT/EP2009/05308	19. the United States of A	merica having been de	esignated.
7 tpp://deci	5 (O. <u>5. O. 1. 22 22 23 . (O. D.)</u>	 ,	•	-
AND WHERE	EAS ABB Technolo	ogy AB		
1112	SE-721 83 V			
	Sweden		•	
application, in	erred to as the assignees is cluding any divisions and granted therefor, including	continuations thereof, an	d in and to said invent	tion and any patents
consideration phereby assigns exclusive right continuations to prolongations enjoy the said which may be powers, privile terms of any stand benefit of the said assigns, any acand prolongation said application said applications said applications are said are said applications are said	VITNESSETH, that for and paid by said assignee to said assignee to said assignee to said to the and interest in and to thereof, and in any patents thereof; said assignee, and invention and said applicat granted therefor, including ages and advantages in any uch patents when granted, is said assignee, and said assigne might or could have held gnor hereby agrees to perfects relating to the obtaining ons thereof. In gnor authorizes and requestation, and on any divisions assigns, in accordance her	id assignor, the receipt of assignee, and said assigne and said assigned said invention and to said which may be granted the said assignee's successortion, including any division, including any division, including any renewals, reissues a wise arising from or appelincluding any renewals, rignee's successors and asid and enjoyed the same, form, upon the request of a cort to the asserting of said the Commissioner of Family and continuations thereof	which is hereby acknowee's successors and as id application, including any and assigns, to have one and continuations and prolongations there ertaining thereto, for a reissues and prolongatisigns, in as ample and if this assignment had asaid assignee, or said a patents, including an eratents and Trademark	owledged, said assignor ssigns, the entire and ng any divisions and renewals, reissues and, hold, exercise and thereof, and any patents eof, with all the rights, and during the term or ions thereof, for the use beneficial a manner as not been made. assignee's successors or my renewals, reissues
		2011		
EXECUTED,	this day of	, 2011		
Name at week	:			
Signature:	Lars BARKMAN		· ·	
Name:	Tångstavägen 4, SE-72	5 07 Väctoråe Sweden	•	
Address:	rangslavagen 4, 3C+12	J // Y ustorus, byrough		
EXECUTED,	this day of	, 2011		•
Signature:				
Vame:	Mattias LINDEVALL		4	
Address:		722 46 Västerås, Sweden		

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EXECUTED,	this day of	,2011
Signature:		
Name:	Pascal CABANNE	
Address:	Rösestigen 6, SE-152	59 Södertälje, SWEDEN
EXECUTED,	this day of	, 2011
Signature:		
Name:	Peter BYLUND	
Address:		SE-724 64 Västerås, Sweden
EXECUTED,	this $\frac{24}{1}$ day of $\frac{03}{1}$,2011
Signature:	1. 11/1	
Name:	Joachim LJUNGKVI	SŤ
Address:	Mandelblomsgatan 4.	SE-722 25 Västerås, Sweder