## 505099237 09/18/2018

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date		
ROGER KULLÄNG	02/26/2016		

### **RECEIVING PARTY DATA**

Name:	ABB TECHNOLOGY LTD
Street Address:	AFFOLTERNSTRASSE 44
City:	CH-8050 ZURICH
State/Country:	SWITZERLAND

## **PROPERTY NUMBERS Total: 1**

Property Type	Number				
Application Number:	16078407				

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	04190-P0320A
NAME OF SUBMITTER:	WESLEY W. WHITMYER, JR.
SIGNATURE:	/Wesley W. Whitmyer, Jr./
DATE SIGNED:	09/18/2018

**Total Attachments: 3** source=16V3406#page1.tif source=16V3406#page2.tif source=16V3406#page3.tif

PATENT 505099237 REEL: 046899 FRAME: 0266

## **ASSIGNMENT**

Application No	9.I	PCT/EP2016/053722 Filed: 23 February 2016
Insert Name(s) of inventor(s)	ℴℴ	""(FAMILY NAME (ALL CAPS), Given Name)"" WHEREAS, KULLÄNG, Roger,
		(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:
Insert Title of Invention	➾	ROBOT CONTROLLER SYSTEM AND METHOD THEREFOR
		for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application)
luser: Date of Signing of Appln.	÷.	on <u>2016 - 09 - 26</u> ;and
Insert Name of Assignee	c.\$r	WHEREAS, ABB Technology Ltd
Insert Address of Assignee	υþ	of Affolternstrasse 44, Zürich, Switzerland
		its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Check Box 9 Appropriate	κģ	in any foreign countries.
		NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories,

dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms

for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and requesi(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Leiters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	2016-02-26	Name of Inventor 2011 U	
		(Signature) <b>K</b> ÜLLÄNG, <b>Boge</b> r	

#### From the INTERNATIONAL BUREAU

# **PCT**

1	TOIL	uic	TIAT	-1	4 CT I	1011	$\Delta$ L	$D_{\Omega}$	$\Delta \Delta \Delta C$

101					
NOTIFICATION OF THE RECO OF A CHANGE  (PCT Rule 92bis.1 and Administrative Instructions, Section Date of mailing (day/month/year) 28 November 2016 (28.11.2016)	SAVELA, Reino ABB AB, Intellectual Property Ingenjör Bååths Gata 11 721 83 Västerås SUÈDE				
Applicant's or agent's file reference			IN	APORTANT NOTIFICAT	ION
12157WO/RSCS		Tuet annu at	tional Clina dat	(daylar and has an)	
International application No. PCT/EP2016/053722				c (day/month/year) 2016 (23.02.2016)	
1. The following indications appeared on record	concerning:				
the applicant the inventor	r 🔲	the age	nt	the commo	n representative
Name and Address				State of Nationality	State of Residence
ABB TECHNOLOGY LTD				СН	СН
Affolternstrasse 44				Telephone No.	
8050 Zürich Switzerland					
Gwitzeriand				Facsimile No.	
				E-mail address	
2. The International Bureau hereby notifies the ap	pplicant that the follow	ing char	nge has been r	recorded concerning:	
★ the person	the address	S	the	nationality	the residence
Name and Address				State of Nationality	State of Residence
ABB SCHWEIZ AG				СН	СН
Brown Boveri Strasse 6				Telephone No.	
5400 Baden					
Switzerland				Facsimile No.	
				E-mail address	
				☐ Notifications by e-1	mail authorized
3. Further observations, if necessary:					
, ,					
4. A copy of this notification has been sent to:				onal Preliminary Examin	ing Authority
the receiving Office		-	ed Offices concerned		
the International Searching Authority the Authority(ies) specified for suppler	mentary search	H	other:	Offices concerned	
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The International Bureau of WIP 34, chemin des Colombettes	A A	uthorize	ed officer	Niesen Diese	

Facsimile No. +41 22 338 82 70 Form PCT/IB/306 (January 2009)

**RECORDED: 09/18/2018** 

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**REEL: 046899 FRAME: 0269**