

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4352012

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIANJUN WANG	12/03/2012
BIAO ZHANG	12/03/2012
GEORGE Q. ZHANG	12/03/2012
HARALD STAAB	12/03/2012
SANGEUN CHOI	12/03/2012
REMUS BOCA	12/03/2012
THOMAS A. FUHLBRIGGE	12/03/2012
TOMAS GROTH	12/03/2012
RECEIVING PARTY DATA	
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City:	ZURICH
State/Country:	SWITZERLAND
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14648995
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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NAME OF SUBMITTER:	ANGELINA J. SHAW
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PATENT

DATE SIGNED:	04/04/2017
Total Attachments: 6 source=Executed Assignment ABBI-545_18888447_1#page1.tif source=Executed Assignment ABBI-545_18888447_1#page2.tif source=Executed Assignment ABBI-545_18888447_1#page3.tif source=Executed Assignment ABBI-545_18888447_1#page4.tif source=Executed Assignment ABBI-545_18888447_1#page5.tif source=Executed Assignment ABBI-545_18888447_1#page6.tif	

US Application No.: 61/732,690
Attorney Docket No.: US-12093-MMR

ASSIGNMENT

This ASSIGNMENT, effective as of December 03, 2012, by Jianjun Wang, Biao Zhang, George Q. Zhang, Harald Staab, Sangeun Choi, Remus Boca, Thomas A. Fuldbrigge and Tomas Groth residing at 110 Lyman Road, West Hartford, Connecticut 06117; 62 Hilldale Road, West Hartford, Connecticut 06117; 10 Elaine Mary Drive, Windsor, Connecticut 06095; 5 Waterside Crossing, Windsor, Connecticut 06095; 3 Tim Clark Circle, Simsbury, Connecticut 06070; 56 Massaco Street., Simsbury, Connecticut 06070; 34 Ellsworth Lane, Ellington, Connecticut 06029 and Källtorpsvägen 31, Västerås 7248, Sweden, respectively (hereinafter referred to as the "Assignor"), have invented certain new and useful improvements described in the Application for Letters Patent of the United States entitled: TELEOPERATED INDUSTRIAL ROBOTS

which Application:

- (1) ☒ is a provisional application:
- (a) ☒ having Serial No. 61/732,690, filed on December 03, 2012; or
- (b) ☐ to be filed with this Assignment; or
- (2) ☐ is a non-provisional application:
- (a) ☐ having Serial No. _____, filed on _____; or
- (b) ☐ having an oath or declaration executed on the same date as the execution date of this Assignment and those execution dates are prior to the filing of the U.S. patent application for this invention.
- (3) ☐ claims priority from _____ filed on _____ (the "Priority Application(s)")

For good and sufficient consideration, the receipt of which is hereby acknowledged, each Assignor agrees to assign, and hereby does assign, transfer and set over to ABB Technology AG, a corporation duly organized under the laws of Switzerland, and having a principal place of business at Affolternstrasse 44, CH-8050, Zurich, Switzerland, (hereinafter referred to as the Assignee) his or her entire right, title and interest in the invention or inventions as represented by the Application and any and all Priority Application(s) in the United States, its territories, dependencies and possessions, and for all other national jurisdictions and International entities that have the power to grant patents, wherever situated. The foregoing assignment includes, without limitation, all applications for patent which claim priority to and/or the benefit of the subject matter disclosed in the Application and any and all Priority Application(s), including any utility application and/or design application, as well as any continuation application, divisional application, continuation-in-part application, reissue application, reexamination application, patent interference proceeding, and any foreign national application and/or any application filed or to be filed under a patent treaty such as the International Convention for Protection of Industrial Property and/or the Patent Cooperation Treaty, and any Letters Patent which may be granted therefor in any jurisdiction.

US Application No.: 61/732,690
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Each Assignor agrees to execute all papers and documents and perform any act which maybe necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

Each Assignor agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States Patent to the Assignee including the duty to disclose to the United States Patent and Trademark Office all information known to the Assignor to be material to the patentability of the U.S. patent application for this invention as defined in Section 1.56 of Title 37 Code of Federal Regulations.

Each Assignor agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

Each Assignor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any and all Letters Patent of the United States resulting from the Application or any divisions or continuing applications thereof to the Assignee of the entire interest in the inventions and hereby covenant that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed and will not execute, any agreement in conflict herewith.

Each Assignor hereby authorizes and requests the attorneys of the ABB Inc. Intellectual Property Law Department located in Wickliffe, OH to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or with the rules of any other national or international Patent Office for recordation of this document or a true copy thereof.

*****Signature of Each Assignor Appears On The Following Page(s)*****

US Application No.: 61/732,690
Attorney Docket No.: US-12093-MMR

Signature of Assignor: _____

Jianjun Wang

Signature of Assignor: _____

Biao Zhang

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George Q. Zhang

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Harald Staab

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Sangeun Chen

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Herman Boca

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Thomas A. Fulbrigge

Signature of Assignor: _____

Tomas Groth

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