504077761 11/02/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KELLEHER GUERIN	11/01/2016
GREGORY HAGER	11/01/2016

RECEIVING PARTY DATA

Name:	THE JOHNS HOPKINS UNIVERSITY
Street Address:	3400 N. CHARLES STREET
City:	BALTIMORE
State/Country:	MARYLAND
Postal Code:	21218

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15341136
PCT Number:	US2016059989

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	0184.0034
NAME OF SUBMITTER:	TIMOTHY M. HSIEH
SIGNATURE:	/Timothy M. Hsieh/
DATE SIGNED:	11/02/2016

Total Attachments: 3

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PATENT 504077761 REEL: 040195 FRAME: 0508

ASSIGNMENT

WHEREAS, WE, Kelleher GUERIN; and Gregory HAGER, have invented certain new and useful improvements in and to the subject matter of:

METHOD, DEVICE, AND COMPUTER-READABLE MEDIUM FOR MOBILE DEVICE MANAGEMENT OF COLLABORATIVE INDUSTRIAL ROBOT

described in a United States Provisional Application filed on November 2, 2015 and accorded Provisional Application No. 62/249,686; a U.S. Patent Application and an International Patent Application filed on even date herewith;

AND, WHEREAS, The Johns Hopkins University, having a place of business located at 3400 N. Charles Street, Baltimore, Maryland 21218 (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, including the right to file applications and obtain patents under the terms of the International Convention of Paris (1883) as amended, and of the European Patent Convention, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby authorize and request our agents, MH2 Technology Law Group LLP, whose address is 1951 Kidwell Drive, Suite 550, Tysons Comer, VA 22182, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to

PATENT REEL: 040195 FRAME: 0509 make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE do bereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

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use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

Kelleher Guerin	Date
brenn, D. No	November 1, 2016
Greoory Haver	Date