### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5711988

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KENSEI ISHIZU	09/05/2019
MAKOTO TABATA	09/05/2019
HISAYOSHI TSUJIBAYASHI	09/05/2019
TSUYOSHI ITO	09/05/2019

#### **RECEIVING PARTY DATA**

Name:	KABUSHIKI KAISHA YASKAWA DENKI
Street Address:	2-1, KUROSAKI-SHIROISHI, YAHATANISHI-KU, KITAKYUSHU-SHI
City:	FUKUOKA
State/Country:	JAPAN
Postal Code:	806-0004

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16566883

#### **CORRESPONDENCE DATA**

**Fax Number:** (571)253-6966

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.

**Phone:** 571-253-6960

**Email:** htobisawa@moriward.com, docket@moriward.com

Correspondent Name: MORI & WARD, LLP Address Line 1: 2000 DUKE STREET

Address Line 2: SUITE 300

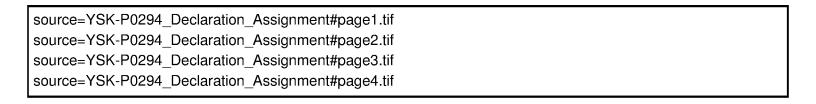
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	YSK-P0294
NAME OF SUBMITTER:	MASAYASU MORI
SIGNATURE:	/Masayasu Mori, Reg.# 47,301/
DATE SIGNED:	09/11/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
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**Total Attachments: 4** 

PATENT REEL: 050334 FRAME: 0089

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PATENT REEL: 050334 FRAME: 0090

### COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	INSTALLING DEVICE AND ROBOT
As the below	v named inventor, I hereby declare that:
This declara	
	United States application or PCT international application number
The above-i	lentified application was made or authorized to be made by me.
I believe tha application.	t I am the original inventor or an original joint inventor of a claimed invention in the
	nowledge that any willful false statement made in this declaration is punishable under 18 by fine or imprisonment of not more than five (5) years, or both.
I have reviewed and understand the contents of the application and am aware of the duty to disclose to the US Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR § 1.56.	
	ASSIGNMENT
acknowledge a principal p (004 Japan, to the invent United State International aforesaid ap application, extensions il said improve	I and valuable consideration, the receipt, sufficiency and adequacy of which are hereby 2d. I hereby sell, assign, and transfer to KABUSHIKI KAISHA YASKAWA DENKI, having lace of business at 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakvushu-shi, Fukuoka 806-and its successors, assigns, and legal representatives, my entire right, title and interest in and ion listed above, together with the Application, any and all Patents that may issue for the s and all foreign countries (including the right to claim priority under the terms of the Convention and any other relevant International Treaties and Arrangements from the plication), in and to any and all improvements that are disclosed in the above-noted and in and to any reissues, renewals, continuations, continuation-in-parts, divisionals or tereof that have been or shall be filed in the United States and all foreign countries on any of sments.  The provided that it is a supplied to the assignee or its representatives any facts known to me respecting
said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, and reissue applications, execute all necessary assignment papers to cause any and all Patents to be issued to the assignee, make all rightful oaths, and, generally do everything possible to aid said assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.	
LEGAL NA	ME OF INVENTOR (Given name FAMILY NAME)
Inventor:	Kensei ISHIZU Date: September 5, 20/1
Signature	- Tenser Johlyn

PATENT REEL: 050334 FRAME: 0091

Attorney Docket No.: YSK-P0294

## COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	INSTALLING DEVICE AND ROBOT
As the below This declara is directed to	I/ \( \)
The above-io	dentified application was made or authorized to be made by me.
I believe that application.	t I am the original inventor or an original joint inventor of a claimed invention in the
	nowledge that any willful false statement made in this declaration is punishable under 18 by fine or imprisonment of not more than five (5) years, or both.
	wed and understand the contents of the application and am aware of the duty to disclose to the and Trademark Office all information known to me to be material to patentability as defined in 56.
	ASSIGNMENT
For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, and transfer to KABUSHIKI KAISHA YASKAWA DENKI, having a principal place of business at 2-1. Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 Japan, and its successors, assigns, and legal representatives, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue for the United States and all foreign countries (including the right to claim priority under the terms of the International Convention and any other relevant International Treaties and Arrangements from the aforesaid application), in and to any and all improvements that are disclosed in the above-noted application, and in and to any reissues, renewals, continuations, continuation-in-parts, divisionals or extensions thereof that have been or shall be filed in the United States and all foreign countries on any of said improvements.  I agree that I will communicate to the assignee or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, and reissue applications, execute all necessary assignment papers to cause any and all Patents to be issued to the assignee, make all rightful oaths, and, generally do everything possible to aid said assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.	
LEGAL NA	ME OF INVENTOR (Given name FAMILY NAME)
Inventor:	Makoto TABATA Date: 9/5/2019
Signature	: 田火田 壱

Attorney Docket No.: YSK-P0294

# COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	INSTALLING DEVICE AND ROBOT
As the below This declara is directed to	V. N
The above-io	dentified application was made or authorized to be made by me.
I believe tha application.	t I am the original inventor or an original joint inventor of a claimed invention in the
	nowledge that any willful false statement made in this declaration is punishable under 18 by fine or imprisonment of not more than five (5) years, or both.
	wed and understand the contents of the application and am aware of the duty to disclose to the and Trademark Office all information known to me to be material to patentability as defined in 56.
	ASSIGNMENT
acknowledge a principal pood Japan, to the invent United State International aforesaid application, extensions the said improve I agree to said invention continuation cause any an everything pood 1000 to 10	d and valuable consideration, the receipt, sufficiency and adequacy of which are hereby ed, I hereby sell, assign, and transfer to KABUSHIKI KAISHA YASKAWA DENKI, having lace of business at 2-1, Kurosaki-Shiroishi. Yahatanishi-ku, Kitakyushu-shi. Fukuoka 806-and its successors, assigns, and legal representatives, my entire right, title and interest in and ion listed above, together with the Application, any and all Patents that may issue for the s and all foreign countries (including the right to claim priority under the terms of the Convention and any other relevant International Treaties and Arrangements from the plication), in and to any and all improvements that are disclosed in the above-noted and in and to any reissues, renewals, continuations, continuation-in-parts, divisionals or nereof that have been or shall be filed in the United States and all foreign countries on any of ements. The will communicate to the assignee or its representatives any facts known to me respecting on, and testify in any legal proceeding, sign all lawful papers, execute all divisional, substitute, renewal, and reissue applications, execute all necessary assignment papers to id all Patents to be issued to the assignee, make all rightful oaths, and, generally do ossible to aid said assignee, its successors and assigns, to obtain and enforce proper or said invention in the United States and in any and all foreign countries.
LEGAL NA	ME OF INVENTOR (Given name FAMILY NAME)
	Hisayoshi TSUJIBAYASHI Date: September 5, 2019
Signature	:

Mori & Ward, LLP Attorney Docket No.: YSK-P0294

# COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	INSTALLING DEVICE AND ROBOT
As the below	v named inventor, I hereby declare that:
This declara is directed to	
The above-i	dentified application was made or authorized to be made by me.
I believe tha application.	t I am the original inventor or an original joint inventor of a claimed invention in the
	nowledge that any willful false statement made in this declaration is punishable under 18 by fine or imprisonment of not more than five (5) years, or both.
	wed and understand the contents of the application and am aware of the duty to disclose to the nd Trademark Office all information known to me to be material to patentability as defined in 56.
	ASSIGNMENT
For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, and transfer to KABUSHIKI KAISHA YASKAWA DENKI, having a principal place of business at 2-1, Kurosaki-Shiroishi. Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 Japan, and its successors, assigns, and legal representatives, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue for the United States and all foreign countries (including the right to claim priority under the terms of the International Convention and any other relevant International Treaties and Arrangements from the aforesaid application), in and to any and all improvements that are disclosed in the above-noted application, and in and to any reissues, renewals, continuations, continuation-in-parts, divisionals or extensions thereof that have been or shall be filed in the United States and all foreign countries on any of said improvements.  I agree that I will communicate to the assignee or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, and reissue applications, execute all necessary assignment papers to cause any and all Patents to be issued to the assignee, make all rightful oaths, and, generally do everything possible to aid said assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.	
LEGAL NA	ME OF INVENTOR (Given name FAMILY NAME)
	Tsuyoshi Ito Date : 9/5/20/9
Signature	:- Duyoshi lto

PATENT REEL: 050334 FRAME: 0094