## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2990356

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TOSHINOBU KIRA	07/31/2014
TADASHI OKUBO	07/31/2014
YASUYUKI TAKEI	07/31/2014
MAKOTO AKAMA	07/30/2014

### **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:	14464707

### **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

Correspondent Name: MORI & WARD, LLP
Address Line 1: 225 REINEKERS LANE

Address Line 2: SUITE 690

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	YSK-P0043
NAME OF SUBMITTER:	MASAYASU MORI
SIGNATURE:	/Masayasu Mori, 47,301/
DATE SIGNED:	08/21/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 4** 

source=YSK-P0043\_Declaration\_Assignment#page1.tif

PATENT 502943758 REEL: 033578 FRAME: 0169

source=YSK-P0043\_Declaration\_Assignment#page2.tif source=YSK-P0043\_Declaration\_Assignment#page3.tif source=YSK-P0043\_Declaration\_Assignment#page4.tif

The attached application, or soldier directed to:  United States application or PCT international application number filed on fil
United States application or PCT international application number filed on
believe that I am the original inventor or an original joint inventor of a claimed invention in the pplication.  hereby acknowledge that any willful false statement made in this declaration is punishable under 18 J.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.  have reviewed and understand the contents of the application and am aware of the duty to disclose to the JS Patent and Trademark Office all information known to me to be material to patentability as defined in 17 CFR § 1.56.  ASSIGNMENT  For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby schnowledged, I hereby sell, assign, and transfer to KABUSHIKI KAISHA YASKAWA DENKI, having a principle place of business at 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-004 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 Jnited 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 foresaid application), in and to any and all improvements that are disclosed in the above-noted pplication, and in and to any reissues, renewals, continuations, continuation-in-parts, divisionals or xtensions thereof that have been or shall be filed in the United States and all foreign countries on any of aid improvements.  I agree that I will communicate to the assignee or its representatives any facts known to me respecting aid invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional,
believe that I am the original inventor or an original joint inventor of a claimed invention in the application.  hereby acknowledge that any willful false statement made in this declaration is punishable under 18 J.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.  have reviewed and understand the contents of the application and am aware of the duty to disclose to the JS Patent and Trademark Office all information known to me to be material to patentability as defined in 17 CFR § 1.56.  ASSIGNMENT  For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby cknowledged, I hereby sell, assign, and transfer to KABUSHIKI KAISHA YASKAWA DENKI, having a principle place of business at 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-004 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 foresaid 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 xtensions thereof that have been or shall be filed in the United States and all foreign countries on any of aid improvements.  I agree that I will communicate to the assignee or its representatives any facts known to me respecting aid invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional,
hereby acknowledge that any willful false statement made in this declaration is punishable under 18 J.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.  have reviewed and understand the contents of the application and am aware of the duty to disclose to the JS Patent and Trademark Office all information known to me to be material to patentability as defined in 17 CFR § 1.56.  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 principle place of business at 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-1004 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 aid improvements.  I agree that I will communicate to the assignee or its representatives any facts known to me respecting aid invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional,
have reviewed and understand the contents of the application and am aware of the duty to disclose to the JS Patent and Trademark Office all information known to me to be material to patentability as defined in 17 CFR § 1.56.  ASSIGNMENT  For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby to knowledged, I hereby sell, assign, and transfer to KABUSHIKI KAISHA YASKAWA DENKI, having a principle place of business at 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-1004 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 aid improvements.  I agree that I will communicate to the assignee or its representatives any facts known to me respecting aid invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional,
JS Patent and Trademark Office all information known to me to be material to patentability as defined in 17 CFR § 1.56.  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 principle place of business at 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-1004 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 aid improvements.  I agree that I will communicate to the assignee or its representatives any facts known to me respecting aid invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional,
For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, and transfer to <a href="KABUSHIKI KAISHA YASKAWA DENKI">KABUSHIKI KAISHA YASKAWA DENKI</a> , having a principle place of business at 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-1004 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 Inited 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 aid improvements.  I agree that I will communicate to the assignee or its representatives any facts known to me respecting aid invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional,
cknowledged, I hereby sell, assign, and transfer to KABUSHIKI KAISHA YASKAWA DENKI, having a principle place of business at 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-2004 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 aid improvements.  I agree that I will communicate to the assignee or its representatives any facts known to me respecting aid 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 ause 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 NAME OF INVENTOR (Given name FAMILY NAME)
Inventor: Toshinobu KIRA  Date: 2014, 7.34
Signature: 5 & 1/2/1/2014

Title of Invention	MOTOR CONTROL APPARATUS
As the below	v named inventor, I hereby declare that:
This declara is directed to	1/ \
The above-i	dentified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 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
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 principle 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.	
	ME OF INVENTOR (Given name FAMILY NAME)  Tadashi OKUBO  Date: 7/31/2019
Signature:	

Title of Invention	MOTOR CONTROL APPARATUS
As the below named inventor, I hereby declare that:  This declaration   The attached application, or is directed to:  United States application or PCT international application number	
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  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 principle 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 NAME OF INVENTOR (Given name FAMILY NAME)   Inventor: Yasuyuki TAKEI Date: 7/31/2014   Signature:	

Title of Invention	MOTOR CONTROL APPARATUS
As the below This declaratis directed to	
The above-io	lentified application was made or authorized to be made by me.
I believe that application.	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
For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, and transfer to <a href="KABUSHIKI KAISHA YASKAWA DENKI">KABUSHIKI KAISHA YASKAWA DENKI</a> , having a principle 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 AKAMA Date: July 30, 2014
Signature:	F/0 64X

PATENT REEL: 033578 FRAME: 0174

RECORDED: 08/21/2014