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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5289960

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NATURE OF CONVEYANCE:		ASSIGNME	ASSIGNMENT		
CONVEYING PARTY	' DATA				
		Name			Execution Date
MUNEHIRO MURAT	A				10/23/2018
KIRA TANABE					11/01/2018
RECEIVING PARTY	DATA				
Name:	MITSU	MITSUBISHI ELECTRIC CORPORATION			
Street Address:	7-3, MA	RUNOUCHI 2-CI	HOME		
Internal Address:	СНІҮО	DA-KU			
City:	ТОКҮС	ТОКУО			
State/Country:	JAPAN				
Postal Code:	100-83	10			
		N	umber	7	
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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Invention	MAGNETIC POLE POSITION DETECTION	ON DEVICE AND MOTOR CONTROL DEVICE
As the below named	l inventor, I hereby declare that:	
This declaration 🛄	The stached application, or	
is directed to: 🛛	United States application or PCT internati filed on <u>March 21, 2017</u>	onal application number <u>PCT/IP2017/011120</u>
The above-identified	spplication was made or authorized to be	made by me.
l believe that I am th	e original inventor or an original joint inve	ntor of a claimed invention in the application.
WHEREAS, <u>Mits</u>	ubishi Electric Corporation	·····
Tokyo 100-8310 Jas	ran, is desirous of acquiring the entire righ t that may be granted therefore in the Unit	pusiness at: 7-3. Marchouchi 2-chome. Chivoda-ku, t, title and interest in and to said invention and in and ad States and its territorial possessions and in any and
 by these presents of in the United States under the terms of the aforesaid application therefor in the United 	to sell, assign and transfer unto said ASSIC and its territorial possessions and in all f he International Convention and other relevation and the entire right, title and interest in a	deration, the receipt of which is hereby acknowladged, NEE, the full and exclusive right to the said invention oreign countries (including the right to claim priority ant International Treaties and Arrangements from the nd to any and all Letters Patent which may be granted in any and all foreign countries and in and to any and thereof.
and all foreign count of my entire right, ti and assigns, to the fi	tries to issue any and all of said Letters Pat the and interest in and to the same, for the s	he United States and its territorial possessions and any ent, when granted, to said ASSIGNEE as the assignee ole use and behoof of said ASSIGNEE, its successors atent may be granted, as fully and entirely as the same seen made.
said invention, and substitute, renewal a Patent to be issued ASSIGNEE, its succ	testify in any legal proceeding, sign all nd reissue applications, execute all necessar to said ASSIGNEE, make all rightful can	or its representatives any facts known to me respecting lawful papers, execute all divisional, continuation, y assignment papers to cause any and all of said Letters hs, and, generally do everything possible to aid said roper protection for said invention in the United States es.
by fine or imprisonr	aent of not more than five (5) years, or both	in this declaration is punishable under 18 U.S.C. 1001 1.
LEGAL NAME OF	INVENTOR	
inventor: <u>Munehi</u>	m MERATA	Date: Oct 23, 2018
Signature: 77 R	F. R	

XSENSUS LLP ATTORNEYS AT LAW 200 DAINGERFIELD ROAD, SUITE 201 Alexandria, VA 22314

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	MAGNETIC POLE POSITION DETECTION DEVICE AND MOTOR CONTROL DEVICE			
As the below name	ed inventor, i hereby declare that:			
This declaration] The attached application, or			
is directed to: 🛛 🖾	United States application or PCT international application number <u>PCT/JP2017/011126</u> filed on <u>March 21, 2017</u>			
The above-identific	ed application was made or authorized to be made by me.			
I believe that I am i	the original inventor or an original joint inventor of a claimed invention in the application.			
WHEREAS, <u>Mit</u>	tsubishi Electric Corporation			
Tokyo 100-8310 Ja	ed to as "ASSIGNEE") having places of business at: <u>7-3. Marunouchi 2-chome. Chiyoda-ku.</u> apag, is desirous of acquiring the entire right, title and interest in and to said invention and in and ant that may be granted therefore in the United States and its territorial possessions and in any and s;			
 by these presents in the United State under the terms of aforesaid application therefor in the United 	FORE, for good, valuable, and adequate consideration, the receipt of which is hereby acknowledged, to soil, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said investion as and its territorial possessions and in all foreign countries (including the right to claim priority the International Convention and other relevant International Treaties and Arrangements from the on) and the entire right, title and interest in and to any and all Letters Patent which may be granted ted States and its territorial possessions and in any and all foreign countries and in and to any and ues, continuations, substitutions and renewals thereof.			
and all foreign cours of my entire right, and assigns, to the	ize and request the Patent Office Officials in the United States and its territorial possessions and any intries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors full and of the term for which said Letters Patent may be granted, as fully and entirely as the same eid by me had this Assignment and sale not been made.			
Further, I agree that I will communicate to said 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 of said Letters Patent to be issued to said 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 its territorial possessions and in any and all foreign countries.				
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. LEGAL NAME OF INVENTOR				
LOUAL NAME U				
Inventor: <u>Akira</u>				
Signature: Al	Kita Tanebe			

X5ENSUS LLP ATTORNEYS AT LAW 200 DAINGERFIELD ROAD, SUITE 201 Alexandria, VA 22314

RECORDED: 12/18/2018