PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4979589

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIRAKU NAKAMURA	05/21/2018
NAOMI FUJISAWA	05/21/2018
HIROYUKI TODA	05/21/2018

RECEIVING PARTY DATA

Name:	FURUNO ELECTRIC CO., LTD.
Street Address:	9-52 ASHIHARA-CHO
City:	NISHINOMIYA
State/Country:	JAPAN
Postal Code:	662-8580

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15779478

CORRESPONDENCE DATA

Fax Number: (503)595-7301

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: 503-595-7300

Email: kmartin@allemanhall.com

ALLEMAN HALL CREASMAN & TUTTLE LLP **Correspondent Name:**

Address Line 1: 900 SW 5TH AVENUE, SUITE 2300

Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	FEC18304PCTUS
NAME OF SUBMITTER:	KYOKO MARTIN
SIGNATURE:	/Kyoko Martin/
DATE SIGNED:	05/25/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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> **PATENT REEL: 045907 FRAME: 0175** 504932843

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

Title of Invention:	METHOD AND DEVICE FOR CALCULATING ATTITUDE ANGLE
	inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application number PCT/JP2016/081568 filed on October 25, 2016;
The above-identified 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.	
	neys and agents associated with Customer Number 145327 to insert the filing date, application number, number of the above identified application when known.
I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
WHEREAS, FURUNO ELECTRIC CO., LTD., ("ASSIGNEE"), a Japanese corporation, having its principal place of business at 9-52 Ashihara-cho, Nishinomiya, 662-8580 Japan, is desirous of acquiring an interest therein; NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, i have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive right to the above-identified invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and extensions thereof. I hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to Issue any and all of said Letters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the same, for the sole use of the ASSIGNEE, its successors and assigns. Further, I agree that I will communicate to 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, substitution, renewal and relssue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to ASSIGNEE, make all rightful oaths and generally do everything possible to aid 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	
Inventor: Hiraku Nakamura Date: Mmy 2-1, 20 8	
Signature: Hiraku Naka Mura	
	ATTY DOCKET NO.: FEC18304PCTUS

PATENT REEL: 045907 FRAME: 0176

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

Title of Invention:	METHOD AND DEVICE FOR CALCULATING ATTITUDE ANGLE
As the below name	d inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application number PCT/JP2016/081568 filed on October 25, 2016:
The above-identifie	d application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
I authorize the attorneys and agents associated with Customer Number 145327 to insert the filing date, application number, and attorney docket number of the above identified application when known.	
I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
9-52 Ashihara-cho, NOW, THEREFOR have sold, assigned, right to the above-ithe entire right, titl and its territorial poand extensions ther I hereby authorizany and all of said I to the same, for the Further, I agree invention, and testif and reissue applicat ASSIGNEE, make all and enforce proper	e and request the Patent Office officials in the United States and any and all foreign countries to issue etters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and sole use of the ASSIGNEE, its successors and assigns. That I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said by in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewaltions, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INVENTOR	
Inventor: Naomi Fujisawa Date: May 21, 2018 Signature: Reans: Hujisawa	
Signature:	consi tujisawa
	ATTY DOCKET NO.: FEC18304PCTUS

PATENT REEL: 045907 FRAME: 0177

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

Title of	METHOD AND DEVICE FOR CALCULATING ATTITUDE ANGLE
Invention:	Memor and better for whiteout the At those Affold
	d inventor, I hereby declare that:
	a moderaty i racially adulate and
This declaration is directed to:	The attached application, or
	United States application or PCT international application number PCT/JP2016/081568 filed on October 25, 2016;
The above-identified	d application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
1	neys and agents associated with Customer Number 145327 to insert the filing date, application number, t number of the above identified application when known.
I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
9-52 Ashihara-cho, I NOW, THEREFOR, have sold, assigned, right to the above-li- the entire right, title and its territorial po and extensions ther I hereby authorize any and all of said L to the same, for the Further, I agree to invention, and testiff and reissue applicat ASSIGNEE, make all and enforce proper	e and request the Patent Office officials in the United States and any and all foreign countries to issue etters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and sole use of the ASSIGNEE, its successors and assigns. That I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said y in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal ions, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INVENTOR	
Inventor: Hiroyuki Toda Date: May 21 2018 Signature: Hiroyak: Toda	
Signature: Himyak: Toda	
L	ATTY DOCKET NO.: FEC18304PCTUS

PATENT REEL: 045907 FRAME: 0178

RECORDED: 05/25/2018