### PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT3210791

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KOJI ATSUMI	01/28/2015
DAI TAKEMOTO	01/28/2015
TETSUYA MIYAGAWA	01/28/2015

#### **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:	14613362

#### **CORRESPONDENCE DATA**

**Fax Number:** (503)459-4142

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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 503-459-4141
Email: martin@ahmrt.com

Correspondent Name: ALLEMAN HALL MCCOY RUSSELL & TUTTLE LLP

Address Line 1: 806 SW BROADWAY

Address Line 2: SUITE 600

Address Line 4: PORTLAND, OREGON 97205-3335

ATTORNEY DOCKET NUMBER:	FEC15303
NAME OF SUBMITTER:	KYOKO MARTIN
SIGNATURE:	/Kyoko Martin/
DATE SIGNED:	02/04/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 3** 

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PATENT 503164176 REEL: 034881 FRAME: 0288

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PATENT REEL: 034881 FRAME: 0289

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

litle of	RADAR ANTENNA	
Invention:		
As the below named	d inventor, I hereby declare that:	
This declaration is	The attached application, or	
directed to:	The state of the s	
	United States application or PCT international application number filed on	
	Officed States application of FC1 international application number med on	
	The Property of the Control of the C	
The above-identine	d application was made or authorized to be made by me.	
I believe that I am tr	ne original inventor or an original joint inventor of a claimed invention in the application,	
	neys at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 50488) to insert the filing date,	
application number,	, and attorney docket number of the above identified application when known.	
	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by	
fine or imprisonmer	nt of not more than five (5) years, or both.	
WHEREAS, Furunc	DElectric Co., Ltd., ("ASSIGNEE"), a Japanese corporation, having a place of business at 9-52 Ashihara-	
	62-8580 JAPAN is desirous of acquiring an interest therein;	
	for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I	
	and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive	
	dentified invention in the United States and its territorial possessions and in all foreign countries, and the	
	d interest in and to any and all Letters Patent which may be granted therefor in the United States and its	
	ns and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and	
extensions thereof.		
	e and request the Patent Office officials in the United States and any and all foreign countries to issue any	
	rs 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 reissue 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,	
	ce proper protection for said invention in the United States and in any and all foreign countries.	
	· · · ·	
LEGAL NAME OF INV	/ENTOR	
Inventor: Koji ATSUMI Date: January 28, 20/5 Signature: Hoji Atsumi		
47/		
Signature: 2 oil Atalyand		
Signature:	BJN WAWMN	
· · · · · · · · · · · · · · · · · · ·		
	ATTY DOCKET NO.: FEC15303	

Alleman Hall McCoy Russell & Tuttle LLP 806 SW Broadway, Ste. 600 Portland, OR 97205

PATENT REEL: 034881 FRAME: 0290

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

Title of	RADAR ANTENNA	
Invention:		
	l inventor, I hereby declare that:	
This declaration is directed to:	The attached application, or	
	United States application or PCT international application numberfiled on	
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.		
I authorize the attorneys at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 50488) 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.		
WHEREAS, Furuno Electric Co., Ltd., ("ASSIGNEE"), a Japanese corporation, having a place of business at 9-52 Ashiharacho, 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 reissue 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: Dai TAKEMOTO Date: Jan , 28, 2015		
Signature: ピカス 人		
	ATTY DOCKET NO - EEC15303	

Alleman Hall McCoy Russell & Tuttle LLP 806 SW Broadway, Ste. 600

Portland, OR 97205

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

Title of	RADAR ANTENNA	
Invention:		
As the below named	l inventor, I hereby declare that:	
This declaration is directed to:	The attached application, or	
	United States application or PCT international application numberfiled on	
	· ·	
The above-identified	application was made or authorized to be made by me.	
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.	
I authorize the attorneys at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 50488) 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.		
WHEREAS, Furuno Electric Co., Ltd., ("ASSIGNEE"), a Japanese corporation, having a place of business at 9-52 Ashiharacho, 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		
	y in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution,	
renewal and reissue 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.		
and the state of t		
LEGAL NAME OF INV	ENTOR	
Inventor: Tetsuya MIYAGAWA Date: 28. Jan. 2015		
Signature: 宫川 打也		
	ATTY DOCKET NO.: FEC15303	
	MILL DOCKEL HOW LECTORDS	

Alleman Hall McCoy Russell & Tuttle LLP 806 SW Broadway, Ste. 600 Portland, OR 97205

PATENT REEL: 034881 FRAME: 0292

**RECORDED: 02/04/2015**