

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the erroneously recorded Assignee's address "Nishinomiya-COTY" previously recorded on Reel 020512 Frame 0346. Assignor(s) hereby confirms the correct address should be "Nishinomiya-city".										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Osamu Kubota</td><td>01/21/2008</td></tr><tr><td>Yoshihiro Nishiyama</td><td>01/21/2008</td></tr><tr><td>Yumiko Furukawa</td><td>01/21/2008</td></tr></tbody></table>		Name	Execution Date	Osamu Kubota	01/21/2008	Yoshihiro Nishiyama	01/21/2008	Yumiko Furukawa	01/21/2008		
Name	Execution Date										
Osamu Kubota	01/21/2008										
Yoshihiro Nishiyama	01/21/2008										
Yumiko Furukawa	01/21/2008										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Furuno Electric Company Limited</td></tr><tr><td>Street Address:</td><td>9-52 Ashihara-cho</td></tr><tr><td>City:</td><td>Nishinomiya-city, Hyogo-Pref.</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>662-8580</td></tr></table>		Name:	Furuno Electric Company Limited	Street Address:	9-52 Ashihara-cho	City:	Nishinomiya-city, Hyogo-Pref.	State/Country:	JAPAN	Postal Code:	662-8580
Name:	Furuno Electric Company Limited										
Street Address:	9-52 Ashihara-cho										
City:	Nishinomiya-city, Hyogo-Pref.										
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12012033</td></tr></tbody></table>		Property Type	Number	Application Number:	12012033						
Property Type	Number										
Application Number:	12012033										
CORRESPONDENCE DATA											
Fax Number: (617)310-9000 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email: Docket@nutter.com											
Correspondent Name: Nutter McClennen & Fish LLP											
Address Line 1: Seaport West											
Address Line 2: 155 Seaport Boulevard											
Address Line 4: Boston, MASSACHUSETTS 02210-2604											
ATTORNEY DOCKET NUMBER:	109633-81111										
NAME OF SUBMITTER:	John J. Penny Jr.										
Total Attachments: 4											

CH \$40.00 12012033

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PATENT
REEL: 024085 FRAME: 0933

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ASSIGNMENT OF US NONPROVISIONAL APPLICATION

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

FURUNO Electric Company Limited,
9-52, Ashihara-Cho, Nishinomiya-City, Hyogo-Pref., JAPAN

(hereinafter designated "ASSIGNEE") the right, title and interest for the United States of America as defined in 35 U.S.C. § 100, in the invention and all applications including the application filed herewith / U.S. Patent Application No. _____ filed on _____, and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

UNDERWATER DETECTING DEVICE

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to THE said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the ASSIGNORS further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The ASSIGNORS also hereby grant the law firm of **EDWARDS ANGELL PALMER & DODGE LLP** the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this documents.

Signature: 久保田 修
Name: Osamu KUBOTA Title: Inventor

1/21/2008
Date(Month/Day/Year)

Signature: Yoshihiro Nishiyama
Name: Yoshihiro NISHIYAMA Title: Inventor

1/21/2008
Date(Month/Day/Year)

Signature: 古川 由美子
Name: Yumiko FURUKAWA Title: Inventor

1/21/2008
Date(Month/Day/Year)

02-12-2008

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RI

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PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Osamu Kubota (01/21/2008), Yoshihiro Nishiyama
(01/21/2008), and Yumiko Furukawa (01/21/2008)Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

- ☒ Assignment ☐ Merger ☐ Change of Name
☐ Security Agreement ☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: Furuno Electric Company, Ltd.

Internal Address:

Street Address:

9-52, Ashihara-Cho
Nishinomiya-City
Hyogo-Pref.,
JAPAN

City:

State:

Country:

Zip:

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

This application

☒ This document is being filed together with a new application.

B. Patent No.(s)

12/017033

Additional numbers attached?

☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: John J. Penny, Jr.
EDWARDS ANGELL PALMER & DODGE LLP
CUSTOMER NO.: 21874

Internal Address: Atty. Dkt.: 81111 (48416)

Street Address: P.O. Box 55874

City: Boston

State: MA Zip: 02205

Phone Number: (617) 239-0100

Fax Number: (617) 227-4420

Email Address: JPenny@eapdlaw.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers
Expiration Date

b. Deposit Account Number 04-1105

Authorized User Name John J. Penny, Jr.

9. Signature:

Signature

John J. Penny, Jr. - 36,984

Name of Person Signing

02/11/2008 DBYRNE 0000050 041105 12012033

01 FC:0021 January 31, 2008

Date

Total number of pages including cover sheet, attachments, and documents:

2

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Label No. EM 006536596 US, on the date shown below in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: January 31, 2008

Signature: Nicole McKinnon

655372

PATENT

RECORDED: 03/16/2010

REEL: 024085 FRAME: 0936