



08-18-2005

C

Afty Docket No.: 266083US8

FORM PTO-1595 06-04



103064457

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

21708

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
 Tomotaka WATANABE, Takehisa ISHIHARA, Shinsuke TERADA and Takayuki ENOMOTO

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
 Name: The Furukawa Electric Co., Ltd.
 Address: 6-1, Marunouchi 2-chome, Chiyoda-ku Tokyo, 100-8322, Japan

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other: Corrected Form PTO-1595 to Correct Assignors' # 2 and 3 Document Dates previously Recorded on Reel/Frame 016289/0344

Execution Date: December 20, 23, 21, and 20, 2004

Additional name(s) and address(es) attached? Yes No

4. Application number(s) or patent number(s):
 This document is being filed together with a new application

A. Patent Application No.(s)
 11/058,206

B. Patent No.(s)

Additional numbers attached? Yes No

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

Customer Number
22850
 Tel. (703) 413-3000
 Fax. (703) 413-2220

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 15-0030
 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Bradley D. Lytle
 Name of Person Signing

Joseph Scafetta Jr.
 Signature

AUG 15 2005
 Date

Registration Number: 40,073

Joseph Scafetta, Jr.
 Registration No. 26,803

Total number of pages including this cover sheet: 4

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office
 Mail Stop Assignment Recordation Services
 Alexandria, Virginia. 22313

08-18-2005 10:00:00 1103657

11/058,206

26,803

PATENT
 REEL: 016888 FRAME: 0530



02-25-2005



102947959

Atty Docket No.: 266003A US8/TM

FORM PTO-1595 06-04

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

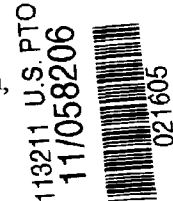
1. Name of conveying party(ies):

Tomotaka WATANABE
Takehisa ISHIHARA
Shinsuke TERADA
Takayuki ENOMOTO

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

Name: The Furukawa Electric Co., Ltd.
Address: 6-1, Marunouchi 2-chome, Chiyoda-ku,
Tokyo, 100-8322,
Japan



3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: December 20, 2004; December 21, 2004; December 23, 2004; December 20, 2004

Additional name(s) and address(es) attached? Yes No

4. Application number(s) or patent number(s):

This document is being filed together with a new application

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Customer Number
22850

Tel. (703) 413-3000
Fax. (703) 413-2220

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 15-0030
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Bradley D. Lytle

Name of Person Signing

C. Irvin McClelland

Signature

2-16 05

Date

Registration Number: 40,073

C. Irvin McClelland
Registration Number 21,124

Total number of pages including this cover sheet: 3

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office
Mail Stop Assignment Recordation Services
Alexandria, Virginia. 22313

COPY

00000115 11058206 40.00 TP

PATENT

REEL: 016888 FRAME: 0531

Assignment of Application

RIGHT NAMES
RESIDENCE
LESS OF
INVENTORS:

WHEREAS, I (WE) Tomotaka WATANABE, Chiyoda-ku, Tokyo, Japan
Takehisa ISHIHARA, Chiyoda-ku, Tokyo, Japan
Shinsuke TERADA, Chiyoda-ku, Tokyo, Japan
Takayuki ENOMOTO, Chiyoda-ku, Tokyo, Japan

 _____, respectively,

RIGHT TITLE OF
INVENTION:

have invented certain new and useful improvements in: _____

(Application No. ROTATION SENSOR, filed _____), and

RIGHT NAME
ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, The Furukawa Electric Co., Ltd.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 100-8322, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said 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, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

06/04

COPY

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) 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 Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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 document.

Date: 20 December, 2004

Tomotaka Watanabe
(Signature of Inventor) Tomotaka WATANABE

Date: 23 December, 2004

Shinsuke Terada
(Signature of Inventor) Takehisa ISHIHARA

Date: 21 December, 2004

Takehisa Ishihara
(Signature of Inventor) Shinsuke TERADA

Date: 20 December, 2004

Takayuki Enomoto
(Signature of Inventor) Takayuki ENOMOTO

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

COPY

06/04