

12-26-2001

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TO THE ASSISTANT COMMISSIONER FOR

101923801

Documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

1. Isao Tomomatsu  
2. Masayuki Ishiwa

12/10/01

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

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

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

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

3. Nature of conveyance:

- (X) Assignment  
( ) Merger  
( ) Security Agreement  
( ) Change of Name  
( ) Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

1. December 3, 2001  
2. December 3, 2001

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

(X) Application(s) filed herewith  
Execution Date(s): December 3, 2001

( ) Patent Application No.:  
Filing Date:

( ) Patent No.:  
Issue Date:

Additional numbers attached? ( ) Yes (X) No

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

Name: Raymond B. Hom  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
Customer No. 20,995  
Internal Address: Sixteenth Floor  
Street Address: 620 Newport Center Drive  
City: Newport Beach State: CA ZIP: 92660  
Attorney's Docket No.: IIDAP22.001C1

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

(X) Enclosed  
(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Raymond B. Hom  
Name of Person Signing

Signature

12/10/01  
Date

44,773  
Registration No.

Total number of pages including cover sheet, attachments and document: 3

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

12/21/2001 TDIAZ1 00000136 10014086

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12/10/01

## PATENT

## ASSIGNMENT

WHEREAS, I/WE (1) Isao TOMOMATSU,

a Japanese citizen, residing at c/o The Furukawa Electric Co., Ltd.

of 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan

(2) Masayuki ISHIWA

a Japanese citizen, residing at c/o The Furukawa Electric Co., Ltd.

of 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan

(3) \_\_\_\_\_

a \_\_\_\_\_ citizen, residing at \_\_\_\_\_

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new

and useful improvements in DIELECTRIC CERAMIC, RESIN-CERAMIC COMPOSITE MATERIAL, ELECTRICAL PART AND ANTENNA, AND MANUFACTURING METHOD THEREOF

the specification of which:

- (a) ☒ is attached hereto; or
- (b) ☐ was filed on \_\_\_\_\_ as Application No. \_\_\_\_\_ or Express Mail No., as Application No. not yet known \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable); or
- (c) ☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_ (if any) and/or under PCT Article 34 on \_\_\_\_\_ (if any).

AND WHEREAS, The Furukawa Electric Co., Ltd.

with its principal place of business at 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan, (hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 3rd day of December, 2001

*Isao Tomomatsu*

Signature of **Isao TOMOMATSU**

This 3rd day of December, 2001

*Masayuki Ishiwa*

Signature of **Masayuki ISHIWA**

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature of \_\_\_\_\_