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TO THE ASSISTANT COMMISSIONER FOI

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documents or copy thereof.

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

Takeo Munakata

Additional name(s) of conveying party(ies) attached?

( ) Yes (X) No

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

Name: The Furukawa Electric Co., Ltd

Internal Address:

Street Address: 6-1, Marunouchi 2-chome Chiyoda-ku, Tokyo 100-0005, Japan

Additional name(s) of receiving party(ies) attached?

( ) Yes (X) No

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3. Nature of conveyance:

- 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) 12/3/99

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

( ) Application(s) filed herewith Execution Date(s):

(X) Patent Application No.: 09/423,934  
Filing Date: November 12, 1999

( ) 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: Daniel E. Altman  
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.: SOHSH4.001APC

7. Total fee (37 CFR 3.41): \$40 **E**

- (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.

Daniel E. Altman  
Name of Person Signing

*Daniel Altman*  
Signature

1 Feb. 2000  
Date

34,115  
Registration No.

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

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

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Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

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## WHEREAS:

Takeo MUNAKATA,

whose full post office address(es) is (are),

c/o THE FURUKAWA ELECTRIC CO., LTD. 6-1, Marunouchi 2-chome,

Chiyoda-ku, Tokyo 100-0005, Japan

(hereinafter referred to as ASSIGNOR), has/have invented certain new and useful improvements in an invention entitled:

HEAT DISSIPATOR FOR TRANSMISSION LINE, POWER

TRANSMISSION WIRE EQUIPPED WITH HEAT DISSIPATOR, AND

METHOD FOR ATTACHING HEAT DISSIPATOR ON POWER

TRANSMISSION WIRE

(a) for which an application for United States Letters Patent is being executed and filed concurrently herewith;

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_;

(c) for which an application for United States Letters Patent was filed on \_\_\_\_\_,

Serial No. \_\_\_\_\_;

(d) for which a PCT International application was filed on March 15, 1999 as International application No. PCT/JP99/01257.

## WHEREAS:

THE FURUKAWA ELECTRIC CO., LTD.

6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the

United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuationinpart, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patent of the United States and any official of any foreign country whose duty it is to issue patents of legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/WE have hereunto set hand and signed on the date indicated below:

INVENTOR(S)

DATE SIGNED

WITNESS(ES)

1) 宗像武男

1999.12.3

田村栄久