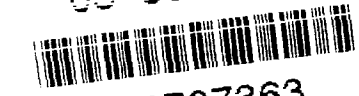


03-30-2004

Atty. Dkt. No. 042087-0101

FORM PTO-1595 (modified)
(Rev 6-93)

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1.92707363

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3/25/04

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1. Name of conveying party(ies):

SUMITOMO METAL ELECTRONICS DEVICES, INC.
2701-1, Aza-Iwakura, Higashibun, Omine-cho, Mine-shi, Yamaguchi 759-2212 Japan
(March 25, 2004)

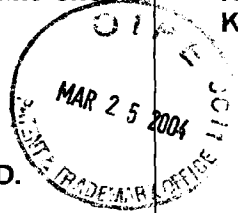
and

SUMITOMO METAL INDUSTRIES, LTD.
5-33, Kitahama 4-chome, Chuo-ku Osaka-shi, Osaka 541 Japan
(March 23, 2004)

Additional conveying party(ies) **NO**

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

MURATA MANUFACTURING CO., LTD.
26-10, Tenjin 2-chome, Nagaokakyo-shi Kyoto 617-8555 Japan



3. Nature of conveyance:
Assignment

Execution Date:
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Additional name(s) & address(es) attached? **NO**

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

If this is being filed together with a new application, the execution date of the application is: **NO**

A. Patent Application Number(s):

B. Patent Number(s):
5,814,366

Additional numbers attached? **NO**

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

Richard L. Schwaab
FOLEY & LARDNER LLP
Washington Harbour
3000 K Street, N.W., Suite 500
Washington, D.C. 20007-5143

6. Total number of applications/patents involved: **1**

7. Total fee (37 C.F.R. § 3.41): **\$40.00**

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned:

SUMITOMO METAL ELECTRONICS DEVICES INC.

having an address at

2701-1, Aza-Iwakura, Higashibun, Omine-cho
Mine-shi, Yamaguchi 759-2212 Japan

and

SUMITOMO METAL INDUSTRIES, LTD.

having an address at

5-33, Kitahama 4-chome, Chuo-ku
Osaka-shi, Osaka 541 Japan

co-owners of the rights in the United States of America and its territories and possessions to the below listed U.S. Patent, as evidenced in the records in the U.S. Patent and Trademark Office, hereby sell and assign, unto:

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having an address at

26-10, Tenjin 2-chome, Nagaokakyo-shi
Kyoto, 617-8555 Japan

(hereinafter ASSIGNEE) of their right, title and interest for the United States of America, its territories and possessions, in and to the invention and the patent therefor, identified as follows:

<u>PATENT NUMBER</u>	<u>ISSUE DATE</u>	<u>TITLE</u>
5,814,366	September 29, 1998	METHOD OF MANUFACTURING MULTILAYERED CERAMIC SUBSTRATE

including all reissue and extensions of said Letters Patent.

The undersigned hereby grants the firm of FOLEY & LARDNER LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Company: SUMITOMO METAL ELECTRONICS DEVICES INC.

Date: March 25, 2004

By: Masakazu Ookita

Name: Masakazu OOKITA

Title: General Manager of Technology Development & Administration Department

Company: SUMITOMO METAL INDUSTRIES, LTD.

Date: March 23, 2004

By: Hiroaki Miura

Name: Hiroaki MIURA

Title: General Manager of the Intellectual Property Department