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PATENT



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To the Assistant Commissioner of Patents and Trademarks, Patent and Trademark Office, Washington, D.C. 20503 original document or copy thereof.

1. Name of conveying party(ies):

Makoto TOSE
Hiromichi KAWAKAMI
Shizuharu WATANABE

Type of Entity: Individual

Additional names(s) of conveying party(ies) attached? No

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

Murata Manufacturing Co., Ltd.
26-10, Tenjin 2-chome, Nagaokakyo-shi
Kyoto-fu 617-8555, Japan

Type of Entity: Corporation-Japan

Additional name(s) & address(es) attached? No

3. Nature of Conveyance:

Assignment

Execution Date: January 17, 24 & 25, 2000

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

If this document is being filed together with a new application, the execution date of the application is: January 1, 24 & 25, 2000

A. Application No.(s)

B. Patent No.(s)

Additional numbers attached? No

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

OSTROLENK, FABER, GERB & SOFFEN, LLP
1180 Avenue of the Americas
New York, New York 10036-8403

6. Total number of documents involved: 1

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

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Edward A. Meilman

Name of Patenting

Signature

February 1, 2000

Date

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Total number of pages including cover sheet, attachments, and document: 2

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PATENT
REEL: 010544 FRAME: 0407

WHEREAS, We, Makoto TOSE, Hiromichi KAWAKAMI and Shizuharu WATANABE as assignors, have invented certain improvements in PHOTSENSITIVE INSULATING PASTE AND THICK FILM MULTI-LAYER CIRCUIT SUBSTRATE for which an application for United States Letters Patent has been executed by us of even date herewith; and

WHEREAS, Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, We, as assignors, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: 2000. 1. 17

Makoto TOSE
Makoto TOSE

Date: Jan. 24, 2000

Hiromichi KAWAKAMI
Hiromichi KAWAKAMI

Date: Jan. 25, 2000

Shizuharu WATANABE
Shizuharu WATANABE

LEGALIZATION RECOMMENDED