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Q51563



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To the Honorable Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Yasuhito FUNADA and Toshihiko OMOTE

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

Name:
NITTO DENKO CORPORATION
Internal Address:
1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka, Japan
Street Address:
Same as above

Additional name(s) of conveying party(ies) attached?
 yes no

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

City State Zip

Additional name(s) & address(es) attached?
 yes no

Execution Date: August 24, 1998

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:
August 24, 1998

A. Patent Application No.(s)

09/139723

B. Patent No(s).

Additional numbers attached? Yes No

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

SUGHRUE, MIOW, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202

6. Total number of applications and patents involved:
One (1)

7. Total Fee (37 CFR 3.41): \$ 40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.

Authorized to be charged to Deposit Account

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09/13/1998 DNGUYEN 00000323 09139123

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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.

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Waddell A. Biggart
Name Waddell A. Biggart Reg. No. 24,861

August 31, 1998
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

Assignment

Whereas, ~~I~~We, Yasuhito Funada and Toshihiko Omote both of ~~nk~~
Osaka, Japan

hereinafter called assignor(s), have invented certain improvements in
CIRCUIT SUBSTRATE, CIRCUIT-FORMED SUSPENSION
SUBSTRATE, AND PRODUCTION METHODS THEREFOR
and executed an application for Letters Patent of the United States of America therefor on
August 24, 1998 ; and

Whereas, NITTO DENKO CORPORATION of 1-2,
Shimohozumi 1-chome, Ibaraki-shi,
Osaka, Japan
(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its
successors and assigns, the entire right, title and interest in the application and the invention disclosed
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and
I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth
in the application to the assignee, its successors and assigns; and I/we will execute without further
consideration all papers deemed necessary by the assignee in connection with the United States application
when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application
number _____, filed _____) the filing date and application
number of said application when known.

Date: 08/24/1998 s/ Yasuhito Funada

Date: 08/24/1998 s/ Toshihiko Omote

Date: s/ _____

Date: s/ _____

Date: s/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)