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PATENTS ONLY

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

1. Name of conveying party(ies):
Yasushi INOUE, Masakazu SUGIMOTO, Megumu NAGASAWA
and Kei NAKAMURA

6-23-99

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

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

City State Zip

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

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: June 14, 1999

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:
June 14, 1999

A. Patent Application No.(s)

B. Patent No(s).

Additional numbers attached? Yes No

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

SUGHRUE, MION, 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.

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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.

Name Darryl Mexic Reg. No. 23,063

Date June 23, 1999

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

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documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
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10503 U.S. PAT. & TM. OFF. 09/338659 06/23/99

Assignment

Whereas, I/We, **Yasushi Inoue, Masakazu Sugimoto,
Megumu Nagasawa and Kei Nakamura**
all of Osaka, Japan

xx

hereinafter called assignor(s), have invented certain improvements in
CIRCUIT BOARD FOR MOUNTING BARE CHIP

and executed an application for Letters Patent of the United States of America therefor on
June 14 1999 ; 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: June 14, 1999 s/ Yasushi Inoue

Date: June 14, 1999 s/ Masakazu Sugimoto

Date: June 14, 1999 s/ Megumu Nagasawa xx

Date: June 14, 1999 s/ Kei Nakamura

Date: _____ s/ _____

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