To the Honorable Commissioner of Patents and Trademarks:

1. Name of conveying party(ies):

Kazushige TAKECHI and Naoto HIRANO

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

___ yes ___ no

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

Name: NEC CORPORATION
Street Address: 7-1, Shiba 5-chome
Minato-ku, Tokyo, Japan

Additional name(s) & address(es) attached?

___ yes ___ no


___ Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other

Execution Date: April 7, 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: 04/7/98

A. Patent Application No.(s) 09-064052

Additional numbers attached? ___ Yes ___ No

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

J. Frank Osha, Esq.
SUCHRUE, MAO, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202

6. Total number of applications and patents involved: One

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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8. 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.

J. Frank Osha, Reg. No. 24,625

April 22, 1998

Date

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

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PATENT
REEL: 9144 FRAME: 0507
Assignment

Whereas, We, KAZUSHIGE TAKECHI and NAOTO HIRANO, both of Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in
THIN-FILM TRANSISTOR ELEMENTS AND METHODS OF MAKING SAME

and executed an application for Letters Patent of the United States of America therefor on April 7, 1998; and

Whereas, NEC Corporation
7-1, Shiba 5-chome, Minato-ku, Tokyo, 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,

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 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 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.

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: April 7, 1998

s/ KAZUSHIGE TAKECHI

Date: April 7, 1998

s/ NAOTO HIRANO

Date: __________________________

s/ __________________________

Date: __________________________

s/ __________________________

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §251)

Witness: __________________________

PATENT
RECORDED: 04/22/1998

APRIL: 04/14 FRAME: 0508