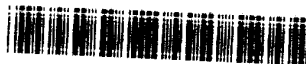


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Patent and Trademark Office

100735341

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Tae MIYAHARA, Shigeki OKUTANI, Hiroshi HADA and
Susumu OHI

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

☐ yes ☐ no

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: December 9, 1997

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

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:

A. Patent Application No.(s)

08/986,354

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

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

J. Frank Osha, Esq.
SUGHRUE, MION, 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.☐ Authorized to be charged to Deposit Account

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

May 21, 1998

Date

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REEL: 9225 FRAME: 0106

Assignment

Whereas, ~~✓~~We, TAE MIYAHARA, SHIGEKI OKUTANI, of
HIROSHI HADA and SUSUMU OHI
Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in

ACTIVE-MATRIX DISPLAY SYSTEM WITH LESS SIGNAL LINE DRIVE CIRCUITS
and executed an application for Letters Patent of the United States of America therefor on
December 9, 1997; 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 08/986,354, filed 12/08/97) the filing date and application
number of said application when known

Date: 12/9/1997 s/ Tae Miyahara
TAE MIYAHARA

Date: 12/9/1997 s/ Shigeki Okutani
SHIGEKI OKUTANI

Date: 12/9/1997 s/ Hiroshi Hada
HIROSHI HADA

Date: 12/9/1997 s/ Susumu Ohi
SUSUMU OHI

Date: s/ _____

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

Witness:

8/92

RECORDED: 05/21/1998 Patent PATENT
REEL: 9225 FRAME: 0107