

02-11-2000

Form PTO-1595

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U.S. DEPARTMENT OF COMMERCE

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

## 1. Name of conveying party(ies):

Renichi MITSUHASHI, Yoshiro YAMAKAWA,  
Toshinobu SAKUMA and Takashi SHIGENO

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

☐ yes☒ no

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

NEC CORPORATION  
7-1, Shiba 5-chome, Minato-ku  
Tokyo, JAPAN

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

☐ yes☒ no

## 3. Nature of Conveyance:

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

Execution Date: January 11, 2000

## 4. Application number(s) or patent number(s): Attorney Docket Q-56589

If this document is being filed together with a new application, the execution date of the application is: January 11, 2000

A. Patent Application No.(s)

B. Patent No.(s)

29117004

Additional numbers attached?

☐ Yes☒ No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

## 6. Total number of applications and registration involved:

1

## 7. Total Fee (37 CFR 3.41): \$40.

☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.☐ Authorized to be charged to Deposit Account

## 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.

Robert V. Sloan

Reg. No. 22,775

January 18, 2000

Date

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

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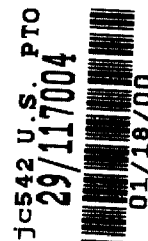
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PATENT  
REEL: 010535 FRAME: 0340

# Assignment

Whereas ~~X~~We, Renichi MITSUHASHI, Yoshiro YAMAKAWA, Toshinobu SAKUMA of  
and Takashi SHIGENO, all of Tokyo, JAPAN

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

FLAT PANEL DISPLAY FOR TV

and executed an application for Letters Patent of the United States of America therefor on  
January 11, 2000 ; 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 and foreign 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 and all countries foreign thereto, including rights of priority under  
the International Convention of Paris (1883) as amended, 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 hereby agree that the assignee may apply for foreign Letters Patent  
on the invention and I/we will execute without further consideration all papers deemed necessary by the  
assignee in connection with the United States and foreign applications 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 29/, filed ) the filing date and application  
number of said application when known.

Date: Jan. 11-2000 s/ Renichi Mitsuhashi  
Renichi MITSUHASHI

Date: Jan. 11-2000 s/ Yoshiro Yamakawa  
Yoshiro YAMAKAWA

Date: Jan. 11-2000 s/ Toshinobu Sakuma  
Toshinobu SAKUMA

Date: Jan. 11-2000 s/ Takashi Shigeno  
Takashi SHIGENO

Date: s/

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

8/92 Witness

Sachio Matsubara  
Sachio MATSUBARA

Mitsui Hisamatsu  
Mitsui HISAMATSU

RECORDED: 01/18/2000

PATENT  
REEL: 010535 FRAME: 0341