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1. Name of conveying party(ies):
Hidenori IKENO
11/13/01
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

11002 U.S. PTO
09/987088
11/13/01

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other

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 yes no

Execution Date: November 5, 2001

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: November 5, 2001
A. Patent Application No.(s)/Confirmation No.(s)
/Unknown
Additional numbers attached? Yes No

09/987088

B. Patent No.(s)
Total number of applications and registration involved: 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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5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

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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.
John Callahan
John T. Callahan for _____ November 13, 2001
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11/16/2001 LNUELLER 00000058 09987088

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40.00 UP

PATENT
REEL: 012305 FRAME: 0681

Assignment

Whereas, ~~I/We~~, HIDENORI IKENO of
Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in
PATTERN FORMATION METHOD AND METHOD FOR MANUFACTURING REFLECTIVE TYPE LIQUID CRYSTAL
DISPLAY DEVICE USING THE SAME

and executed an application for Letters Patent of the United States of America therefor on
November 5, 2001; 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,

~~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: 11/5/2001 s/ Hidenori Ikono (12/5/01)
HIDENORI IKENO

Date: s/ _____

Date: s/ _____

Witness: Date: 11/5/2001 s/ Mitsuki Ukeai

Date: 11/5/2001 s/ [Signature]

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