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Hiroshi TAKEDA
Machihiko YAMAGUCHI

4-22-04

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

NEC LCD TECHNOLOGIES, LTD
1753 Shimonumabe, Nakahara-ku,
Kawasaki, Kanagawa 21-8666, JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: April 12, 2004

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: April 12, 2004

A. Patent Application No.(s)

10829177

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, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):

\$40.00

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Reg. No. 35,603

April 22, 2004

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PATENT
REEL: 015260 FRAME: 0558

2002 120592
11E-7182-115
11E-7182-115
For Non-U.S. Clients

Assignment

Whereas, ~~I~~/We, Hiroshi TAKEDA of Kanagawa, Japan and ~~of~~
Machihiko YAMAGUCHI of Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in
Liquid Crystal Display Apparatus and Method of Driving LCD Panel

and executed an application for Letters Patent of the United States of America therefor on
April 12, 2004; and

Whereas,

NEC LCD Technologies, Ltd.

1753 Shimonumabe, Nakahara-ku,

Kawasaki, Kanagawa 211-8666, 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 Director – U.S. Patent and Trademark Office 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 our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number _____ and Confirmation number _____, filed _____) the filing date and application number of said application when known.

Date: 04/12/2004

Hiroshi Takeda
s/ Hiroshi TAKEDA

Date: 04/12/2004

Machihiko Yamaguchi
s/ Machihiko YAMAGUCHI

Date:

Witness:

Date: 04/12/2004

Mitsuo Miwa
s/

Date: 04/12/2004

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

RECORDED: 04/22/2004

PATENT
REEL: 015260 FRAME: 0559