

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | |
|--|--|----------------|---------------------|------------|----------------|------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | |
| CONVEYING PARTY DATA | | | | | | | |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Ken SUMIYOSHI</td><td>11/12/2007</td></tr><tr><td>Jin MATSUSHIMA</td><td>11/12/2007</td></tr></tbody></table> | Name | Execution Date | Ken SUMIYOSHI | 11/12/2007 | Jin MATSUSHIMA | 11/12/2007 | |
| Name | Execution Date | | | | | | |
| Ken SUMIYOSHI | 11/12/2007 | | | | | | |
| Jin MATSUSHIMA | 11/12/2007 | | | | | | |
| RECEIVING PARTY DATA | | | | | | | |
| Name: | NEC LCD Technologies, Ltd. | | | | | | |
| Street Address: | 1753, Shimonumabe, Nakahara-Ku, Kawasaki | | | | | | |
| City: | Kanagawa | | | | | | |
| State/Country: | JAPAN | | | | | | |
| Postal Code: | 211-8666 | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11857236</td></tr></tbody></table> | Property Type | Number | Application Number: | 11857236 | | | |
| Property Type | Number | | | | | | |
| Application Number: | 11857236 | | | | | | |
| CORRESPONDENCE DATA | | | | | | | |
| Fax Number: | (202)293-7860 | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | |
| Phone: | 202-293-7060 | | | | | | |
| Email: | agreen@sughrue.com | | | | | | |
| Correspondent Name: | SUGHRUE MION, PLLC | | | | | | |
| Address Line 1: | 2100 PENNSYLVANIA AVENUE, N.W. | | | | | | |
| Address Line 2: | SUITE 800 | | | | | | |
| Address Line 4: | WASHINGTON, DISTRICT OF COLUMBIA 20037 | | | | | | |
| ATTORNEY DOCKET NUMBER: | Q103977 | | | | | | |
| NAME OF SUBMITTER: | Howard L. Bernstein | | | | | | |
| Total Attachments: 1 source=Q103977Assignment#page1.tif | | | | | | | |

CH \$40.00 11857236

500405793

PATENT
REEL: 020159 FRAME: 0007

Assignment

Whereas, we, Ken SUMIYOSHI and Jin MATSUSHIMA, both of
Kanagawa, Japan

hereinafter called assignor(s), have invented certain improvements in
IMAGE DISPLAY DEVICE USING LIQUID

and executed an application for Letters Patent of the United States of America therefor on
November 12, 2007; 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,

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 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 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 our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 11/857,236 and Confirmation number 1496, filed September 18, 2007) the filing date and application number of said application when known.

Date: November 12, 2007 Ken Sumiyoshi 

s/

Ken SUMIYOSHI

Date: November 12, 2007 Jin Matsushima 

s/

Jin MATSUSHIMA

Date:

s/

Date:

s/

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

Witness:

Mitsuo Miwa

[Signature]

PATENT