

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hiroyuki KASUGA</td> <td>03/15/2010</td> </tr> <tr> <td>Yoshihito MOCHIZUKI</td> <td>03/12/2010</td> </tr> <tr> <td>Hsi-Ming CHEN</td> <td>03/12/2010</td> </tr> <tr> <td>Naoto FUKASAWA</td> <td>03/12/2010</td> </tr> </tbody> </table>		Name	Execution Date	Hiroyuki KASUGA	03/15/2010	Yoshihito MOCHIZUKI	03/12/2010	Hsi-Ming CHEN	03/12/2010	Naoto FUKASAWA	03/12/2010
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>NEC Display Solutions, Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>13-23, Shibaura 4-chome</td> </tr> <tr> <td>City:</td> <td>Minato-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	NEC Display Solutions, Ltd.	Street Address:	13-23, Shibaura 4-chome	City:	Minato-ku, Tokyo	State/Country:	JAPAN		
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (202)293-7860</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2022937060</p> <p>Email: ahoward-agu@SUGHRUE.COM</p> <p>Correspondent Name: SUGHRUE MION PLC</p> <p>Address Line 1: 2100 PENNSYLVANIA AVENUE</p> <p>Address Line 2: SUITE 800</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037</p>											
ATTORNEY DOCKET NUMBER:	Q118166										
NAME OF SUBMITTER:	Carl J. Pellegrini										
<p>Total Attachments: 1</p> <p>source=ASSIGNMENT_AS_FILED#page1.tif</p>											

CH \$40.00 29358257

**501145638**

**PATENT**  
**REEL: 024220 FRAME: 0989**

## Assignment

Whereas, We, Hiroyuki KASUGA, Yoshihito MOCHIZUKI, Hsi-Ming CHEN and Naoto FUKASAWA of Tokyo, Japan, respectively, hereinafter called assignor(s), have invented certain improvements in DISPLAY and executed an application for Letters Patent of the United States of America therefore on \_\_\_\_\_; and

Whereas, NEC Display Solutions, Ltd., (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 of the 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 29/358,257 and Confirmation number 1000, filed 29/358,257) the application number and filing date of said application when known.

Date: March 15th 2010 [Signature]  
s/ Hiroyuki KASUGA

Date: March 12th 2010 [Signature]  
s/ Yoshihito MOCHIZUKI

Date: March 12th, 2010 [Signature]  
s/ Hsi-Ming CHEN

Date: March 12th, 2010 [Signature]  
s/ Naoto FUKASAWA

Date: \_\_\_\_\_

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