

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Hideki ITAYA	06/15/2010
<b>RECEIVING PARTY DATA</b>	
Name:	NEC LCD TECHNOLOGIES, LTD.
Street Address:	1753 Shimonumabe, Nakahara-ku
City:	Kawasaki, Kanagawa
State/Country:	JAPAN
Postal Code:	211-8666
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12820594
<b>CORRESPONDENCE DATA</b>	
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ATTORNEY DOCKET NUMBER:	Q119450
NAME OF SUBMITTER:	Howard L. Bernstein
Total Attachments: 1 source=Assignment_Executed_06-22-2010#page1.tif	

CH \$40.00 12820594

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**PATENT**  
**REEL: 024574 FRAME: 0576**

## Assignment

Whereas, I/We, HIDEKI ITAYA of  
Kanagawa, Japan

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

and executed an application for Letters Patent of the United States of America therefor on  
June 15, 2010; 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 12/820,594 and Confirmation number 2441, filed 06/22/2010) the filing date and application number of said application when known.

Date: 6/15/2010 Hideki Itaya  
s/ HIDEKI ITAYA

Date: \_\_\_\_\_  
s/ \_\_\_\_\_

Witnesses: Date: 6/15/2010 Seiji Sugawara  
s/ \_\_\_\_\_

Date: 6/15/2010 [Signature]  
s/ \_\_\_\_\_

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

PATENT

RECORDED: 06/22/2010

REEL: 024574 FRAME: 0577