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U.S. Department of Commerce U.S. Patent and Trademark Office

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To	o the Honorable Commissioner of Patents and Trademarks:		led original documents or copy thereof.		
1.	Name of Conveying Party(ies): Tomohiko OTOSE	2. Name a Name: Address:	nd address of receiving party(ies)  NEC LCD Technologies, Ltd.  1753 Shimonumabe, Nakahara-ku Kawasaki, Kanagawa 211-8666  JAPAN		
Additional name(s) of conveying party(ies) attached?  ☐ Yes ☐ No		·			
<b>3.</b>	Nature of Conveyance:  Assignment	Additional name(s) and address(es) attached? ☐ Yes			
4.	Application number(s) or patent number(s):				
☐ This document is being filed together with a new application					
	A. Patent Application No(s).	В.	Patent No(s).		
	Addit	tional numbers	attached? 🗌 Yes 🛛 No		
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total nu involved	mber of applications and patents		
	Customer No.: 00466	7. Total fee	9 (37 CFR 3.41)\$40.00		
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	Second Floor	☐ Aut	horized to be charged to deposit account		
	745 South 23 <sup>rd</sup> Street	8. Deposit	Account No. <u>25-0120</u>		
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9.	Statement and signature.				
	To the best of my knowledge and belief, the foregoing is a true copy of the original document.	g information is	true and correct and any attached copy		
	Eric Jensen	Ymm-	November 27, 2007		
-	Name of Person Signing Signature  Total number of pages including cover	r sheet, attachm	Date nei1t统84200건5881#58hts48220035 11987(657		

Y&T November 27, 2007

REEL: 020215 FRAME: 0927

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## **ASSIGNMENT**

WHEREAS.

## Tomohiko OTOSE of Kanagawa, Japan

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in

SEMICONDUCTOR CIRCUIT, SCANNING CIRCUIT AND DISPLAY DEVICE USING THESE CIRCUITS (a) for which an application for a United States patent was filed on \_\_\_\_, Application No. \_\_\_\_\_ for which an application for a United States patent was executed on (b) November 19, 2007. WHEREAS, NEC LCD Technologies, Ltd., whose address is 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8669, Japan hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the same. NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefor in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made. Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s). Date November 19, 2007 (signature) Tomohiko OTOSE Witnesses: Date November 19, 2007 Date November 19, 2007

> PATENT REEL: 020215 FRAME: 0928

**RECORDED: 11/27/2007**