	29 29 2002	Q71598
Form <b>PTO-1595</b> (modified) (Rev: 03/01)		HEET  U.S. DEPARTMENT OF COMMERCE  U.S. Patent and Trademark Office
OMB No. 0651-0027	10000000	
To the Honorable Commissioner of I. Name of conveying party(ies):		cached original documents or copy thereof.
Seiji UMEMOTO	ŧ	dress of receiving party(ies):
Ryoji KINOSHITA		CORPORATION
Yuuki NAKANO	רג/ כו וייב, אווווסווסענווו	mi 1-chome, Ibaraki-shi, Osaka, Japan
Ichiro AMINO	400	1 1
Toshihiko ARIYOSHI		<b>■</b> 22
Additional name(s) of conveying party(ies) attache	ed? ☐ Yes  ☑ No	)/22 of the state
3. Nature of conveyance:		
☑ Assignment ☐ Merger		5 <b>=</b>
☐ Security Agreement ☐ Change of N	Jame	
☐ Other	3450	
Execution Date: August 19, 2002	Additional name(s)	& address(es) attached? ☐ Yes ☑ No
4. Application number(s) or patent number	r(s): /1/27 - (	<del>~3</del> 7
If this document is being filed together v	with a new application, the execution of	date of the application is: August 19, 2002
A. Patent Application No.(s)	B. Patent No.(s)	)
Ado	ditional numbers attached?	Yes ☑ No
5. Name and address of party to whom corr concerning document should be mailed:		of applications and patents involved:
SUGHRUE MION, PLLC	7. Total fee (37 C	CFR 3.41): \$.00
2100 Pennsylvania Avenue, N.W.	☑ Enclosed.	,
Suite 800 Washington, D.C. 20037-3213	☐ Authorized	to be charged to Deposit Account No. 19-4880.
w asnington, D.C. 2003/-3213		directed and authorized to charge all required
		e Issue Fee and the Publication Fee, to Deposit
		880. Please also credit any overpayments to said
	Deposit Account.  8. Deposit account	
(2005 HAMMED) 0000000A 1022553E		19-4880
5a. 40.00 38		cate copy of this page if paying by deposit account)
	DO NOT USE THIS SPACE	
9. Statement and signature.		
To the best of my knowledge and belief, to original document.	the foregoing information is true and c	correct and any attached copy is a true copy of the
	. 3x 151	August 22, 2002
Darryl Mexic	Reg. No. 23,063	Date
C	f pages including cover sheet, attachme	ents, and documents: 2
	s to be recorded with required cover	r sheet information to:
	Commissioner of Patents & Tradem	narks
	Box Assignment Washington, D.C. 20231	
L		

PATENT

**REEL: 013223 FRAME: 0397** 

## **ASSIGNMENT**

Whereas I/we Seiji Umemoto, Ryoji Kinoshita, Yuuki Nakano, Ichiro Amino and Toshihiko Ariyoshi all of Osaka, 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

August 19, 2002 ; and

Whereas, NITTO DENKO CORPORATION of 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka, 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.

[/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number\_\_\_\_\_\_\_, filed\_\_\_\_\_\_\_) the filing date and application number of said application when known.

Date:	August	19,	2002	s/	Sey	Mueno	(00

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

RECORDED: 08/22/2002

PATENT REEL: 013223 FRAME: 0398