

Total To Total (modified)		HEET	U.S. DEPARTMENT OF C		
(Rev. 03/01) OMB No. 0651-0027	192004901		U.S. Patent and Trad	temark Office	
To the Honorable Commissioner of Patent				f.	
1. Name of conveying party(ies):		dress of receiving p		[-	
Naoki TAKAHASHII	<u> </u>	CORPORATION			
Seiji UMEMOTO	1-2, Shimohozi	imi 1-chome, Ibara	ki-shi, Osaka, Japan		
02/22	102			1000 US	
Additional name(s) of conveying party(ies) attached?	Yes 🗹 No				
3. Nature of conveyance:					
✓ Assignment					
☐ Security Agreement ☐ Change of Name					
☐ Other					
Execution Date: February 14, 2002	Additional name(s) & address(es) attac	hed? □ Yes ☑ No		
4. Application number(s) or patent number(s):	Li din				
If this document is being filed together with	a new application, the execution	n date of the applica	ation is: February 14,	2002	
A. Patent Application No.(s)	B. Patent No.				
		Yes ☑ No			
5. Name and address of party to whom corresp concerning document should be mailed:		r of applications an 1			
SUGHRUE MION, PLLC	,	7. Total fee (37 CFR 3.41): \$40.00			
2100 Pennsylvania Avenue, N.W.		Enclosed. Please charge any underpayment in connection			
Suite 800 Washington, D.C. 20037-3213	1	with this Assignment to Deposit Account No. 19-4880. Authorized to be charged to deposit account			
	8. Deposit acco		A CONTRACTOR		
	•	19-4			
			ge if paying by deposit ac	ecount)	
	DO NOT USE THIS SPACE	CE			
9. Statement and signature.			1	C.1	
To the best of my knowledge and belief, the joingly original document.	foregoing information is true an			copy of the	
Jarry Mexa		Fe	bruary 22, 2002		
Darryl Mexic	Reg. No. 23,063		Date		
00000282 10079577ptal number of pa	ges including cover sheet, attac	hments, and docum	ents: 2		
Poe soluments to	De recorded with required co	vei succi inioi ma	tion to:		
40.00 UP / C		lemarks			
	Box Assignment Washington, D.C. 20231				
	washington, D.C. 20251				

Assignment

Whereas, I/We,	Naoki	Takahashi	and	Seiji	Umemoto	both	of	Osaka,	Japan	•	O
						-					•

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

and executed an application for Letters Patent of the United States of America therefor on February 14, 2002 19; 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 Commissioner of Patents 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 my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of

2100 Pennsylvania Avenue,	N.W., Washington, D.C. 200	037-3202 to insert here in parent	theses (Application
number	, filed) the filing dat	e and application
number of said application	when known.		·
Date: February 14,	sı Naoki Ta	kahashi	
2002			
Date: February 14, 2002	st Seiji	Unemotes	
Date:	s/		
Date:	s/		
Date:	s/		

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

PATENT
RECORDED: 02/22/2002 REEL: 012632 FRAME: 0276