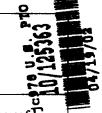
B/O FORM PTO 1595 (1/31/92) Patent and Trademark Office

RECORDATION FORM COVER SHEE PATENTS ONLY





HITA-0188

Fotal number o	pages comprising cover sheet: 1 JUAN CA Regist	ARLOS A. MARQUEZ ration No. 34,072	
original docum	ent. ef, Registration No. <b>2</b> 4, 344	e and correct and any attached copy is a true copy of the  April 19, 2002	
). Statement	t and Signature:		
DO NOT USE	THIS SPACE	ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT	
	•	8. Deposit Account Number: 08-1480	
Address:	Reed Smith LLP 3100 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042	<ul> <li>⊠ Enclosed.</li> <li>⊠ Authorized to be charged to deposit account.</li> </ul>	
Name:	Stanley P. Fisher	7. Total Fee: \$40.00 (37 C.F.R. § 3.41)	
5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:		6. Total Number of Applications and Patents Involved: 1	
Additional Numbers Attached.			
If this document is being filed together with a new application, the execution date of the application is:  (1) March 15, 2002; (2)(3)(4)(5) March 18, 2002		4. (b) Patent Numbers: $ (0(125363)$	
4. (a) Patent Application Number(s):			
Other: Execution I	Date: (1) March 15, 2002; (2)(3)(4)(5)	Cinica Roll, Supair 257 0501	
⊠ Assign		(2) Name: Hitachi Device Engineering Co Ltd Address: 3681, Hayano, Mobara-shi Chiba-ken, Japan 297-8581	
		and	
(1) Kazunari SAITOU, (2) Shigeru ITOU, (3) Yukihide ODE, (4) Youzou NAKAYASU and (5) Shinji YASUKAWA Additional names of conveying parties attached		(1) Name: Hitachi, Ltd. Address: 6, Kanda Surugadai 4-chome Chiyoda-ku, Tokyo, Japan	
1. Name of Conveying Party(ies):		2. Name and Address of Receiving Party(ies):	

04/22/2002 HMARZI1 00000002 10125363 02 FC:581

**PATENT REEL: 012820 FRAME: 0010** 

## **ASSIGNMENT**

(譲渡証)

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to the below named inventor(s), citizens of Japan by HITACHI, LTD., and HITACHI DEVICE ENGINEERING CO., LTD., corporations organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 3681, Hayano, Mobara-shi, Chiba-ken 297-8581, Japan, respectively, receipt of which is hereby acknowledged, we, the below named inventor(s), do hereby sell and assign to said HITACHI, LTD., and HITACHI DEVICE ENGINEERING CO., LTD., their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

## Liquid Crystal Display

invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., and HITACHI DEVICE ENGINEERING CO., LTD.,

their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made:

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD., and HITACHI DEVICE ENGINEERING CO., LTD.

Signed on the date(s) indicated aside signatures:

RECORDED: 04/19/2002

	(発明者フルネームサイン)	(署名日)
1)	Kazunari Saitou	March 15, 2002
2) _	Shizern Iton	march 18, 2002
	Yukihide Ode	March 18, 2002
	Yonzon Kakayasu	march 18, 2002
	Shinji Yasukawa	March 18, 2001
7) _		
8) _		
9) _		
( <b>0</b> ) _		

PATENT REEL: 012820 FRAME: 0011