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1	7399X00  U.S. DEPARTMENT OF COMMERCE Patent and Trademan Commerce Patent P
To the Honorable Commissioner of Patents and Trademarks: Pleas	
1. Name of conveying party(ies):  Kiichiro KUBO Yoshikuni NAGASHIMA Masaru SUZUKI Terunori SAITO Additional name(s) of conveying party(ies) attached?  Yes No  3. Nature of conveyance:  X Assignment	2. Name and address of receiving party(ies): Name: Hitachi, Ltd.  Street Address:6, Kanda Surugadai 4-chome, Chiyod-ku  City: Tokyo  Country: JAPAN  Additional name(s) & address(es) attached? X Yes No
<ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application, t</li> <li>A. Patent Application No.(s)</li> </ul>	he execution date of the application is: June 10, 1999  B. Patent No.(s)  09/352359
Additional numbers attac	hed? Yes X No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address:	7. Total fee (37 CFR 3.41) \$40.00  Enclosed Any deficiencies may be charged to deposit account Authorized to be charged to deposit account
Street Address: 1300 North Seventeenth Street Suite 1800 City: Arlington State: VA Zip: 22209	8. Deposit account number: 01-2135  (Attach duplicate 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, the foregoing information is true and correct and any attached copy is a true copy

July 13, 1999

Date

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Signature

of the original document.

MEARSALLY RESERVEND 00000045 09352359

Attorney Registration No. 22,466

OMB No. 0651-0011 (exp. 4/94)

Nemer of Person Signing

Name: Hitachi Device Engineering Co., Ltd.

Address: 3681, Hayano Mobara-shi, Chiba-ken, Japan

## **ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Kilchiro Kubo, Yoshikuni Nagashima, Masaru Suzuki and Terunori Saito I citizen 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, Japan, respectively, receipt of which is hereby acknowledged, we, the said Kilchiro Kubo, Yoshikuni Nagashima, Masaru Suzuki and Terunori Saito, 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

## A LIQUID CRYSTAL DISPLAY DEVICE WITH A TOUCH PANEL

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 the 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 :

INVENTOR(S)	Date Signed	Witnesses
1) Kirkiron Kulio	10, June 1999	Joshiaki Hanasagi
2) Yoshikuni Nagashima	10, June 1999	Yorkiaki Kanasugi
3) Masaru Suzuki	10, June 1999	Yoshishi Kanasugi
4) Jerumori Saitou	10, June 1999	Yoshiaki Kanaengi
5)		
6)		
7)		
8)		
9)		
10)		

PATENT REEL: 010123 FRAME: 0788