

06-29-1999

Docket No.: 520.37280X00



101076839

FRONT SHEET

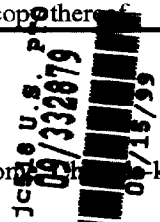
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

FORM PTO-595
1-31-92

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):
Shunsuke MORISHITA, Yasuyuki MISHIMA, Tatsuyuki FUMIKURA

2. Name and address of receiving party(ies):
Name: Hitachi, Ltd.
Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku



Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

City: Tokyo:

Country: Japan

Execution Date: June 10, 1999

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s): **09/332879**

If this document is being filed together with a new application, the execution date of the application is: June 10, 1999

A. Patent Application No.(s)

B. Patent No.(s)

06/24/1999 AHAYES 00000018 09332879 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

Internal Address:

Street Address: 1300 North Seventeenth Street
Suite 1800

City: Arlington State: VA Zip: 22209

6. Total number of applications and patents involved: 1

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

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 of the original document.

Melvin Kraus
Name of Person Signing
Attorney Registration No. 22,466

Melvin Kraus
Signature

June 15, 1999
Date

Total number of pages including cover sheet, attachments, and document: 3

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

Name: Hitachi Device Engineering Co., Ltd

Address : 3681 Hayano, Mobara-shi, Chiba-ken 297-8581 Japan

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to

Shunsuke MORISHITA, Yasuyuki MISHIMA, and Tatsuyuki FUMIKURA

citizens of Japan by

Hitachi, Ltd., and Hitachi Device Engineering Co., Ltd.

located at

6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010, Japan, and
3681 Hayano, Mobara-shi, Chiba-ken 297-8581, Japan

receipt of which is hereby acknowledged, we, the said

Shunsuke MORISHITA, Yasuyuki MISHIMA, and Tatsuyuki FUMIKURA

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, its in and to LIQUID CRYSTAL DISPLAY DEVICE

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 its 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 dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Shunsuke Morishita</u> (Shunsuke MORISHITA)	June 10, 1999	<u>Kohji Yuda</u>
2) <u>Yasuyuki Mishima</u> (Yasuyuki MISHIMA)	June 10, 1999	<u>Kohji Yuda</u>
3) <u>Tatsuyuki Fumikura</u> (Tatsuyuki FUMIKURA)	June 10, 1999	<u>Kohji Yuda</u>
4) _____ ()	_____	_____
5) _____ ()	_____	_____
6) _____ ()	_____	_____
7) _____ ()	_____	_____
8) _____ ()	_____	_____

PATENT