



B/O FORM PTO 1595 (1/31/92)  
Patent and Trademark Office  
RECORDATION FORM COVER SHEET  
PATENTS ONLY

05/31/2011

Department of Commerce



103626183

TA-1007

5/26/11

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

1. Name of Conveying Party(ies).

- (1) MITSURU GOTO
- (2) YUICHI NUMATA
- (3) MASATO SAWAHATA
- (4) AKIRA OGURA

Additional names of conveying parties attached  Yes  No

3. Nature of Conveyance

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Dates: (1)(2)(4) March 20, 2003  
(3) March 31, 2003

2. Name and Address of Receiving Party(ies).

- (1) Name: **Hitachi Displays, Ltd.**  
Address: 3300 Hayano, Mobara-shi  
City: Chiba-ken, Japan 297-8581
- (2) Name: **Hitachi Device Engineering Co., Ltd**  
Address: 3681 Hayano, Mobara-shi  
Chiba-ken, Japan 297-8581

4. (a) Patent Application Number(s):

11/889,747

If this document is being filed together with a new application, the execution date of the application is.

Additional Numbers Attached.

4. (b) Patent Numbers

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: **Juan Carlos A. Marquez**  
Address: **STITES & HARBISON, PLLC**  
**1199 North Fairfax Street**  
**Suite 900**  
**Alexandria, VA 22314**

6. Total Number of Applications and Patents Involved: 1

7. Total Fee: **\$40.00**  
(37 C.F.R. § 3.41)

- Previously paid on August 16, 2007.
- Authorized to be charged to deposit account.

8. Deposit Account Number: **12-0555**

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 is true and correct and any attached copy is a true copy of the original document.

Juan Carlos A. Marquez, Registration No 34,072

*[Handwritten Signature]*  
May 26, 2011

05/31/2011 AMULLINS 00000077 120555

11889747

Total number of pages comprising cover sheet: 1

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 DISPLAYS, LTD., and HITACHI DEVICE ENGINEERING CO., LTD., corporations organized under the laws of Japan, located at 3300 Hayano, Mobara-shi, Chiba-ken, 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 DISPLAYS, 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 DEVICE HAVING DRIVE CIRCUIT

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 DISPLAYS, 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 DISPLAYS, LTD., and HITACHI DEVICE ENGINEERING CO., LTD.

Signed on the date(s) indicated aside signatures.

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Mitsuru Goto</u>	<u>Mar. 20, 2003</u>
2) <u>Yutchi Numata</u>	<u>Mar. 20, 2003</u>
3) <u>Masato Sawahata</u>	<u>Mar. 31, 2003</u>
4) <u>Akira Ogura</u>	<u>Mar. 20, 2003</u>
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

PATENT