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ET U.S. DEPARTMENT OF COMMERCE
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Attorney Docket No. 501.46823X00

103342581

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

11.21.06

1. Name of conveying party(ies):
Masaki TSUBOKURA
Yuji AZUMA, Tatsuyuki FUMIKURA

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

2. Name and address of receiving party(ies)
Name: HITACHI DISPLAYS, LTD. & HITACHI
DISPLAY DEVICES, LTD.

Street Address: 3300 Hayano, Mobara-shi
Chiba-ken, Japan
And
3681 Hayano, Mobara-shi
Chiban-ken 297-8581, Japan

(respectively)
City: State: Zip:

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

3. Nature of conveyance/ Execution Date: **November 6, 2006;**
November 5, 2006; November 9, 2006.

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other .

4. Application number(s) or patent number(s):
application **November 21, 2006.**
A. Patent Application No.(s)

This document is being filed together with a new

B. Patent Registration No.(s)

Additional number(s) 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:

1300 NORTH 17TH STREET - SUITE 1800

City: **ARLINGTON** State: **VA** Zip **22209**

Phone Number: (703) 312-6600
Facsimile Number: (703) 312-6666
Email Address: email@antonelli.com

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41)..... **\$40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information:

- a. Credit Card Last 4 numbers: 1073
Expiration date: 06/10
- b. Deposit account number: 01-2135

Authorized User Name: William I. Solomon

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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, Reg#22,466

Name of Person Signing

Signature

11/22/2006 10:51:00 AM 00000015 11602245

05 FC:0021 Date

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Total number of pages including cover sheet, attachments, and document: 2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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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 DISPLAY DEVICES, 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 DISPLAY DEVICES, LTD., their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

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 DISPLAYS, LTD., and HITACHI DISPLAY DEVICES, 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 DISPLAY DEVICES, 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>MASAKI TSUBOKURA</u>	<u>Nov. 6, 2006</u>
2) <u>YUJI AZUMA</u>	<u>Nov. 5, 2006</u>
3) <u>TATSUYUKI FUMIKURA</u>	<u>Nov. 9, 2006</u>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____