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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Attorney Docket No. 501.48177X00

103510398

To the Honorable Commissioner of Pat.

Name of conveying party(ies):

Yuji AZUMA
Masaki TSUBOKURA
Shimon ITAKURA

2. Name and address of receiving party(ies)

Name: (1) **HITACHI DISPLAYS, LTD.**
3300 Hayano, Mobara-shi,
Chiba-ken, Japan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No3. Nature of conveyance/ Execution Date: **November 5, 2007;****November 5, 2007; November 5, 2007.**

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

☒ Other **CORRECTED ASSIGNMENT --- An error was found in 1st Assignee's Address and 2nd Assignee was omitted on both Electronic Cover Sheet and Notice of Recordation --REF 020916/FAME 0674.**

(2) **IPS ALPHA TECHNOLOGY, LTD.**
3732, Hayano, Mobara-shi,
Chiba-ken 297-0037, Japan

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

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/956,373

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**

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1300 NORTH 17TH STREET - SUITE 1800City: **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:
Expiration date:

b. Deposit account number: 01-2135

Authorized User Name:

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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.

Alan E. Schiavelli, Reg.#32,087

Name of Person Signing

Signature

Date

06/20/2008 52EWH1E1 00000093 11956373

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June 19, 2008

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Total number of pages including cover sheet, attachments, and document: **8**

PATENT
REEL: 021159 FRAME: 0876

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 IPS Alpha Technology, Ltd., corporations organized under the laws of Japan, located at 3300 Hayano, Mobara-shi, Chiba-ken, Japan, and 3732, Hayano, Mobara-shi, Chiba-ken 297-0037, 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 IPS Alpha Technology, 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

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 IPS Alpha Technology, 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 IPS Alpha Technology, 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>Yuji Azuma</u>	<u>Nov. 5, 2007</u>
2)	<u>Masaki Tsubokura</u>	<u>Nov. 5, 2007</u>
3)	<u>Shimon Itakura</u>	<u>Nov. 5, 2007</u>
4)	<u> </u>	<u> </u>
5)	<u> </u>	<u> </u>
6)	<u> </u>	<u> </u>
7)	<u> </u>	<u> </u>
8)	<u> </u>	<u> </u>
9)	<u> </u>	<u> </u>
10)	<u> </u>	<u> </u>

PATENT

REEL: 021159 FRAME: 0877

PATENT ASSIGNMENT

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05/08/2008
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Yuji AZUMA</td><td>11/05/2007</td></tr><tr><td>Masaki TSUBOKURA</td><td>11/05/2007</td></tr><tr><td>Shimon ITAKURA</td><td>11/05/2007</td></tr></tbody></table>		Name	Execution Date	Yuji AZUMA	11/05/2007	Masaki TSUBOKURA	11/05/2007	Shimon ITAKURA	11/05/2007
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Masaki TSUBOKURA	11/05/2007								
Shimon ITAKURA	11/05/2007								
RECEIVING PARTY DATA									
** *Other Assignee should be:									
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Postal Code:									
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11956373</td></tr></tbody></table>		Property Type	Number	Application Number:	11956373				
Property Type	Number								
Application Number:	11956373								
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Total Attachments: 1 source=48177x00#page1.tif									

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