

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shimon ITAKURA</td> <td>11/20/2009</td> </tr> <tr> <td>Fumihiko HIEDA</td> <td>11/20/2009</td> </tr> <tr> <td>Masaki TSUBOKURA</td> <td>11/20/2009</td> </tr> </tbody> </table>		Name	Execution Date	Shimon ITAKURA	11/20/2009	Fumihiko HIEDA	11/20/2009	Masaki TSUBOKURA	11/20/2009
Name	Execution Date								
Shimon ITAKURA	11/20/2009								
Fumihiko HIEDA	11/20/2009								
Masaki TSUBOKURA	11/20/2009								
RECEIVING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Hitachi Displays, Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>3300 Hayano, Mobara-shi,</td> </tr> <tr> <td>City:</td> <td>Chiba</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Hitachi Displays, Ltd.	Street Address:	3300 Hayano, Mobara-shi,	City:	Chiba	State/Country:	JAPAN
Name:	Hitachi Displays, Ltd.								
Street Address:	3300 Hayano, Mobara-shi,								
City:	Chiba								
State/Country:	JAPAN								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>IPS Alpha Technology, Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>3732, Hayano, Mobara-shi,</td> </tr> <tr> <td>City:</td> <td>Chiba</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	IPS Alpha Technology, Ltd.	Street Address:	3732, Hayano, Mobara-shi,	City:	Chiba	State/Country:	JAPAN
Name:	IPS Alpha Technology, Ltd.								
Street Address:	3732, Hayano, Mobara-shi,								
City:	Chiba								
State/Country:	JAPAN								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12649420</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12649420				
Property Type	Number								
Application Number:	12649420								
CORRESPONDENCE DATA									
<p>Fax Number: (703)312-6666</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-312-6600</p> <p>Email: svannarath@antonelli.com</p> <p>Correspondent Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP</p> <p>Address Line 1: 1300 NORTH SEVENTEENTH STREET</p> <p>Address Line 2: SUITE 1800</p> <p>Address Line 4: ARLINGTON, VIRGINIA 22209-3873</p>									
ATTORNEY DOCKET NUMBER:	501.50417X00								

OP \$40.00 12649420

501053625

PATENT
REEL: 023716 FRAME: 0160

NAME OF SUBMITTER:

Melvin Kraus

Total Attachments: 1

source=50417X00ASN#page1.tif

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen 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, Japan and 3732, Hayano, Mobara-shi, Chiba, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Displays, Ltd., and IPS Alpha Technology, Ltd. their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

LIQUID CRYSTAL DISPLAY

invented by me (if only one is named below) or us (if plural inventors are named below) 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 me or us if this assignment and sale had not been made;

And I 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 I 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 our signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) <u>Shimon Itakura</u>	<u>Nov. 20, 2009</u>
2) <u>Fumiko Hieda</u>	<u>Nov. 20, 2009</u>
3) <u>Masaki Tsubokura</u>	<u>Nov. 20, 2009</u>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

PATENT