

PATENT ASSIGNMENT

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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>Tsunenori YAMAMOTO</td> <td>07/03/2007</td> </tr> <tr> <td>Ken OHARA</td> <td>07/10/2007</td> </tr> <tr> <td>Yoshiaki NAKAYOSHI</td> <td>07/25/2007</td> </tr> <tr> <td>Susumu EDO</td> <td>07/09/2007</td> </tr> <tr> <td>Hiroshi SAITO</td> <td>07/11/2007</td> </tr> </tbody> </table>		Name	Execution Date	Tsunenori YAMAMOTO	07/03/2007	Ken OHARA	07/10/2007	Yoshiaki NAKAYOSHI	07/25/2007	Susumu EDO	07/09/2007	Hiroshi SAITO	07/11/2007
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RECEIVING PARTY DATA													
Name:	HITACHI DISPLAYS, LTD.												
Street Address:	3300, Hayano, Mobara-shi												
City:	Chiba-ken												
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>11835453</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11835453								
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CORRESPONDENCE DATA													
Fax Number:	(703)312-6666												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	7033126600												
Email:	svannarath@antonelli.com												
Correspondent Name:	Melvin Kraus												
Address Line 1:	1300 N. 17th Street, Suite 1800												
Address Line 4:	Arlington, VIRGINIA 22209												
ATTORNEY DOCKET NUMBER:	500.47840X00												
NAME OF SUBMITTER:	Melvin Kraus												
Total Attachments: 2 source=47840X00ASNCOV#page1.tif													

OP \$40.00 11835453

RECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket No. 500.47840X00

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

1. Name of conveying party(ies):
Tsunenori YAMAMOTO
Ken OHARA
Yoshiaki NAKAYOSHI
Susumu EDO
Hiroshi SAITO

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

Street Address: 3300, Hayano, Mobara-shi
Chiba-ken Japan

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

3. Nature of conveyance/ Execution Date: July 3, 2007; July 10, 2007; July 25, 2007; July 9, 2007 and July 11, 2007.

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

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)
11/835,453

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: 1024
Expiration date: 06/10

b. Deposit account number: 01-2135

Authorized User Name:

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, Reg#22,466 /Melvin Kraus/ 09/11/2007

Name of Person Signing Signature Date

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

ASSIGNMENT (讓渡証)

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., a corporation organized under the laws of Japan, located at 3300, Hayano, Mobara-shi, Chiba, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Displays, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

DISPLAY DEVICE

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., its 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.

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>Tsunenori Yamamoto</u> Tsunenori YAMAMOTO	<u>7/3/2007</u>
2) <u>Ken Ohara</u> Ken OHARA	<u>7/10/2007</u>
3) <u>Yoshiaki Nakayoshi</u> Yoshiaki NAKAYOSHI	<u>7/25/2007</u>
4) <u>Susumu Edo</u> Susumu EDO	<u>7/9/2007</u>
5) <u>Hiroshi Saito</u> Hiroshi SAITO	<u>7/11/2007</u>
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

PATENT