

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Takanori Hisada</td><td>10/19/2007</td></tr><tr><td>Koji Hirata</td><td>10/25/2007</td></tr><tr><td>Masahiko Yatsu</td><td>10/25/2007</td></tr></tbody></table>	Name	Execution Date	Takanori Hisada	10/19/2007	Koji Hirata	10/25/2007	Masahiko Yatsu	10/25/2007	
Name	Execution Date								
Takanori Hisada	10/19/2007								
Koji Hirata	10/25/2007								
Masahiko Yatsu	10/25/2007								
RECEIVING PARTY DATA									
Name:	Hitachi, Ltd.								
Street Address:	6-6, Marunouchi 1-chome, Chiyoda-ku,								
City:	Tokyo								
State/Country:	JAPAN								
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>11870646</td></tr></tbody></table>	Property Type	Number	Application Number:	11870646					
Property Type	Number								
Application Number:	11870646								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	520.48044X00								
NAME OF SUBMITTER:	Paul J. Skwierawski								
Total Attachments: 2 source=48044X00ASN#page1.tif source=48044X00PTO1595#page1.tif									

OP \$40.00 11870646

PATENT

500433668

REEL: 020327 FRAME: 0411

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, Ltd., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

PROJECTION TYPE IMAGE DISPLAY APPARATUS

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, 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, 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>Takanori Hisada</u> Takanori HISADA	<u>October. 19, 2007</u>
2)	<u>Koji Hirata</u> Koji HIRATA	<u>October. 25, 2007</u>
3)	<u>Masahiko Yatsu</u> Masahiko YATSU	<u>October. 25, 2007</u>
4)	_____	_____
5)	_____	_____
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____

RECORDATION FORM COVER SHEET
PATENTS ONLY

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

Attorney Docket No. 520.48044X00

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

1. Name of conveying party(ies):
Takanori HISADA
Koji HIRATA
Masahiko YATSU

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

2. Name and address of receiving party(ies)
Name: **Hitachi, Ltd.**

Street Address: **6-6, Marunouchi 1-chome
Chiyoda-ku, Tokyo, Japan**

3. Nature of conveyance/ Execution Date: **October 19, 2007;
October 25, 2007; and October 25, 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)

11/870,646

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.

Paul J. Skwierawski, Reg#32,173

Name of Person Signing

Signature

01/07/2008

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