### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name          | Execution Date |
|---------------|----------------|
| Kenji Ogiro   | 05/21/2009     |
| Nobuyuki Kaku | 05/25/2009     |

#### **RECEIVING PARTY DATA**

| Name:           | Hitachi, Ltd.                       |  |
|-----------------|-------------------------------------|--|
| Street Address: | 6-6, Marunouchi 1-chome, Chiyoda-ku |  |
| City:           | Tokyo                               |  |
| State/Country:  | JAPAN                               |  |

### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12428732 |

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 16869S-239800US

NAME OF SUBMITTER: Roger Hylton

**Total Attachments: 1** 

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PATENT REEL: 022916 FRAME: 0833 CH \$40.00 1242

# **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

#### FLAT DISPLAY APPARATUS

#### \*U.S.Application No. 12/428732 filed on April 23, 2009

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 our signatures:

INVENTOR(S)

| (発明者フルネームサイン) |                             | (署名日)     |
|---------------|-----------------------------|-----------|
| 1)_           | ldanji Ogino Kenji OGIRO    | //        |
| 2)_           | Nobuyuki Kaku Nobuyuki KAKU | r-1. 1. a |
|               |                             |           |
| 4)_           |                             |           |
| 5)_           |                             |           |
| 6)_           |                             | ·         |
| 7)_           |                             |           |
| 8)_           |                             |           |
| 9)_           |                             |           |
| 10)           |                             |           |

PATENT REEL: 022916 FRAME: 0834

Date Signed

**RECORDED: 07/06/2009**