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



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HEET

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Mikio SHIRAISHI

Execution Date(s) April 28, 2004

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3. Nature of conveyance:

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Name: Hitachi, Ltd.

Internal Address: _____

Street Address: 6, Kanda Surugadai 4-chome,
Chiyoda-ku

City: Tokyo

State: _____

Country: Japan

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

10/837,400

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Robert C. Colwell

Internal Address: _____

TOWNSEND AND TOWNSEND AND CREW LLP

Street Address: Two Embarcadero Center,
Eighth Floor

City: San Francisco

State: California Zip: 94111-3834

Phone Number: (415) 576-0200

Fax Number: (415) 576-0300

Email Address: rcc@townsend.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

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9. Signature:

Robert C. Colwell
Signature

9/3/04
Date

Name of Person Signing Robert C. Colwell Atty. Reg. No. 27,431

Total number of pages including cover sheet, attachments, and documents:

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PATENT
REEL: 015782 FRAME: 0904

1. Additional name(s) of conveying party(ies):
(Continued from Page 1)

Takeshi KATAYAMA
Keiichiro TOKUSHIGE
Hideki OKUYAMA

2. Additional name(s) and address(es) of receiving party(ies):
(Continued from Page 1)

3. Additional application number(s) or patent number(s):
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

60297036 v1

10/837,400

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, Ltd., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4- 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

IMAGE 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, 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)

Date Signed
(署名日)

1) <u>Mikio Shiraiishi</u>	<u>April 28. 2004</u>
2) <u>Takeshi Katayama</u>	<u>April .28. 2004</u>
3) <u>Keiichiro Tokushige</u>	<u>April 28 . 2004</u>
4) <u>Hideki Okuyama</u>	<u>April 28. 2004</u>
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

PATENT