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To the Commissioner for Patents: Please record the att

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1. Submission Type

New

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2. Conveyance Type:

Assignment

License

Merger

Security Agreement

Change of Name

Other:

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29/173012
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3. Names of conveying parties:

Osamu Yonekawa
Kazuya Ohashi
Satoshi Yonai
Toshiro Iizuka
Yoshihiro Hayakawa
Kayoko Kawakami

Execution Date:

December 4, 2002
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4. Name and address of receiving party:

Name: Matsushita Electric Industrial Co., Ltd.
Address: 1006, Oaza Kadoma
Kadoma-shi, Osaka 571-8501
JAPAN

29173012

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

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

5. Application number(s) and/or patent number(s):

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? Yes No

If this document is being filed together with a new patent application, enter the date the patent application was signed by the first named executing inventor: December 4, 2002

6. Name and address of party to whom correspondence concerning document should be mailed:

Jeffrey M. Sakoi, Esq.
Customer No. 26389
CHRISTENSEN O'CONNOR
JOHNSON KINDNESS^{PLLC}
1420 Fifth Avenue, Suite 2800
Seattle, WA 98101-2347
206.682.8100

7. Total number of applications and/or patents involved: 1

8. Total fee (37 C.F.R. 3.41):..... \$40.00

Enclosed Check No. 144261 includes the recordation fee.

9. The fee is authorized to be charged to Deposit Account No. 03-1740. (A duplicate copy of this page is enclosed.)

10. The Director is hereby authorized to charge any fees under 37 C.F.R. § 3.41 which may be required by this paper, or credit any overpayment, to Deposit Account No. 03-1740.

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11. 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.

Jeffrey M. Sakoi

Name of Attorney or Agent
Registration No. 32,059
Direct Dial 206.695.1713

Signature

December 19, 2002

Date

Total number of pages, including cover sheet, attachments, and document: 2

JMS:mxc

Assignment

Whereas, I/We,

of

Osamu Yonekawa of 2-4-42 Tamagushi-cho Higashi, Higashiosaka-shi, Osaka, Japan,
Kazuya Ohashi of 669-32 Matsubara, Ito-shi, Shizuoka, Japan,
Satoshi Yonai of 10-35 Sakae-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, Japan,
Toshiro Iizuka of 3-16-2 Chuorinkan, Yamato-shi, Kanagawa, Japan,
Yoshihiro Hayakawa of 109-1-312 Zenbu-cho, Asahi-ku, Yokohama-shi, Kanagawa, Japan and
Kayoko Kawakami of 4-4-27 Shibaura, Minato-ku, Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in

Electronic information displaying device

and executed an application for Letters Patent of the United States of America therefor on
December 4, 2002 ~~19~~ ; and

Whereas, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. of
1006, Oaza Kadoma, Kadoma-shi, OSAKA 571-8501, JAPAN

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its
successors and assigns, the entire right, title and interest in the application and the invention disclosed
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and
I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth
in the application to the assignee, its successors and assigns; and I/we will execute without further
consideration all papers deemed necessary by the assignee in connection with the United States application
when called upon to do so by the assignee.

Date: December 4, 2002 s/ Osamu Yonekawa
Osamu Yonekawa

Date: December 4, 2002 s/ Kazuya Ohashi
Kazuya Ohashi

Date: December 4, 2002 s/ Satoshi Yonai
Satoshi Yonai

Date: December 4, 2002 s/ Toshiro Iizuka
Toshiro Iizuka

Date: December 4, 2002 s/ Yoshihiro Hayakawa
Yoshihiro Hayakawa

Date: December 4, 2002 s/ Kayoko Kawakami
Kayoko Kawakami

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

RECORDED: 12/19/2002

PATENT
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