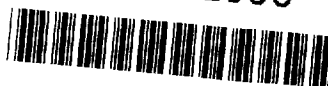




10-27-2000



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FORM PTO-1596
1-31-92

RECORDATION FOR

MENT OF COMMERCE
ent and Trademark Office

Docket No.: 50023-119

PATENTS ONLY

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

1. Name of Conveying Parties:

8-14-00
Kazuyuki MURATA, Hideyuki KUWANO, Takehito
YAMAGUCHI, Yuji OKADA, Naoki TAKAHASHI, Joji
TANAKA, and Kenji HISATOMIAdditional name(s) of conveying party(ies) attached? ☐ Yes

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: July 14 and July 17, 2000

2. Name and address of receiving party:

Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Address: 1006-banchi, Oaza Kadoma
Kadoma-shi
Osaka-fu, JapanAdditional name(s) & address(es) attached? ☐ Yes

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

09/559,580, filed April 28, 2000

B. Patent No(s).

Additional numbers attached? ☐ Yes5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: MCDERMOTT, WILL & EMERY

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: DC Zip: 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)

\$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

500417

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.*

Stephen A. Becker, 26,527

August 14, 2000

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

PATENT
REEL: 011173 FRAME: 0504

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

| | |
|-------------------------------|----------------------------|
| (1) <u>Kazuyuki MURATA</u> | (5) <u>Naoki TAKAHASHI</u> |
| (2) <u>Hideyuki KUWANO</u> | (6) <u>Joji TANAKA</u> |
| (3) <u>Takehito YAMAGUCHI</u> | (7) <u>Kenji HISATOMI</u> |
| (4) <u>Yuji OKADA</u> | (8) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Matsushita Electric Industrial Co., Ltd.

1006-banchi, Oaza Kadoma

Kadoma-shi

Osaka-fu, JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

DIGITAL INTEGRATED APPARATUS, IMAGE INPUT-OUTPUT SYSTEM, AND
USER AUTHENTICATION METHOD

(a) for which an application for United States Letters Patent was filed on April 28, 2000, and identified by United States Serial No. 09/559,580; or

(b) for which an application for United States Letters Patent was executed on ,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

- 1) *Kazuyuki Murata*
Name: Kazuyuki MURATA
- 2) *Hideyuki Kuwano*
Name: Hideyuki KUWANO
- 3) *Takehito Yamaguchi*
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Name: Naoki TAKAHASHI
- 6) *Joji Tanaka*
Name: Joji TANAKA
- 7) *Kenji Hisatomi*
Name: Kenji HISATOMI
- 8) _____
Name: _____

DATE SIGNED

July 14, 2000
July 14, 2000
July 14, 2000
July 14, 2000
July 14, 2000
July 17, 2000
July 17, 2000
