

11-15-2000

MAT-7964US



PATENT ONLY

RECO

101517057

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

11.03.00

PATENTS ONLY

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

1. Name of conveying party(ies):
Yuji Fujiwara; Masakazu Nishino; Mitsuhiro Mivashita;
Kazuhiro Wake; Seiichi Takeuchi; Keishi Okamoto

Additional name(s) of conveying party(ies) attached? YES NO

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Correction of Assignment Recordation
(previously recorded at Reel _____, Frame _____).
 Other

Execution Date: October 16, 2000

2. Name and address of receiving party(ies):
Name: Matsushita Electric Industrial Co., Ltd.
Internal Address: _____
Street Address: 1006, Oaza Kadoma, Kadoma-shi
City: Osaka State: Japan ZIP: 571
Additional name(s) & address(es) attached? YES NO

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application Number(s) 09/589,800 B. Patent Number(s) _____

Additional number(s) attached? YES NO

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Lawrence E. Ashery

Internal Address: Ratner & Prestia

Street Address: Suite 301, One Westlakes, Berwyn,
P.O. Box 980
City: Valley Forge State: PA ZIP: 19482-0980

6. Total number of applications and patents involved: 01

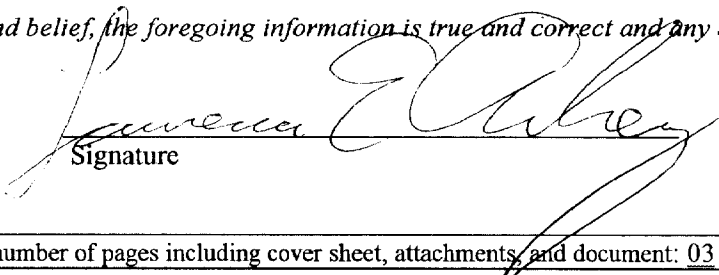
7. Total fee (37 CFR 3.41): \$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 18-0350
(Attach duplicate copy of this page if paying by deposit account.)

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.

Lawrence E. Ashery
Name of Person Signing
34,515
Registration. No.

 Signature
10/30/00 Date

Total number of pages including cover sheet, attachments, and document: 03

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

No legalization required

ASSIGNMENT

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

Inventor(s)

ASSIGNOR(s)/
INVENTOR(s)

- 1. Yuji Fujiwara
- 2. Masakazu Nishino
- 3. Mitsuhiro Miyashita
- 4. Kazuhiro Wake
- 5. Seiichi Takeuchi
- 6. Keishi Okamoto

has made an invention entitled: SHUFFLING DEVICE, CODING DEVICE, DECODING DEVICE OF VIDEO SIGNAL AND MEDIUM RECORDING THE PROGRAMS OF SHUFFLING, CODING AND DECODING

and has executed an application for Letters Patent of the United States concurrently herewith;

WHEREAS, the ASSIGNEE

ASSIGNEE
(Full Name
and address)

Matsushita Electric Industrial Co., Ltd.

1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501 Japan

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor.

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions and continuations thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

ASSIGNOR hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

ASSIGNOR agrees it shall be legally bound, upon request of the ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the ASSIGNOR has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

(Typed or Printed Name)	(Signature)	(Date)
SIGNATURE 1. <u>Yuji Fujiwara</u>	<u><i>Yuji Fujiwara</i></u>	<u>October 16, 2000</u>
2. <u>Masakazu Nishino</u>	<u><i>Masakazu Nishino</i></u>	<u>October 16, 2000</u>
3. <u>Mitsuhiro Miyashita</u>	<u><i>Mitsuhiro Miyashita</i></u>	<u>October 16, 2000</u>
4. <u>Kazuhiro Wake</u>	<u><i>Kazuhiro Wake</i></u>	<u>October 16, 2000</u>
5. <u>Seiichi Takeuchi</u>	<u><i>Seiichi Takeuchi</i></u>	<u>October 16, 2000</u>
6. <u>Keishi Okamoto</u>	<u><i>Keishi Okamoto</i></u>	<u>October 16, 2000</u>

Application for United States Letters Patent

Serial No. 09/589,800

Filed June 8, 2000

Attorney Docket No. MAT-7964US