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09

To the Honorable Commissioner of Patents and

100937442

ial documents or copy thereof

1. Name of conveying party(ies):

Yuji Fujiwara, Masakazu Nishino, Seiichi Takeuchi,
Kazuhiro Wake, Akifumi Ide, Toyohiko Matsuda, Masaaki
Kobayashi, Yoshitomi NagaokaAdditional 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: 11/25/98

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) _____

B. Patent Number(s) 09 117,793

09 117793

Additional number(s) attached? ☐ YES ☒ NO

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

Name: Allan Ratner

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: 1

40E

7. Total fee (37 CFR 3.41): \$ 40.00



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PATENT
REEL: 9677 FRAME: 0438

No legalization required

ASSIGNMENT

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

Inventor(s)

ASSIGNOR(s)/
INVENTOR(s)

- | | |
|-----------------------------|-----------------------------|
| 1. <u>Yuji FUJIWARA</u> | 2. <u>Masakazu NISHINO</u> |
| 3. <u>Seiichi TAKEUCHI</u> | 4. <u>Kazuhiro WAKE</u> |
| 5. <u>Akifumi IDE</u> | 6. <u>Toyohiko MATSUDA</u> |
| 7. <u>Masaaki KOBAYASHI</u> | 8. <u>Yoshitomi NAGAOKA</u> |

has made an invention entitled: METHODS AND APPARATUSES FOR TRANSMITTING, ENCODING, AND DECODING IMAGE SIGNALS, AND RECORDING AND REPRODUCTION METHOD FOR OPTICAL DISCS

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

ASSIGNEE
(Full Name
and address)

WHEREAS, the ASSIGNEE
Matsushita Electric Industrial Co., Ltd.

of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050 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.

- 2 -

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)
1. Yuji FUJIWARA	<i>Yuji Fujiwara</i>	11/25/98
2. Masakazu NISHINO	<i>Masakazu Nishino</i>	11/25/98
3. Seiichi TAKEUCHI	<i>Seiichi Takeuchi</i>	11/25/98
4. Kazuhiro WAKE	<i>Kazuhiro Wake</i>	11/25/98
5. Akifumi IDE	<i>Akifumi Ide</i>	11/25/98
6. Toyohiko MATSUDA	<i>Toyohiko Matsuda</i>	11/25/98
7. Masaaki KOBAYASHI	<i>Masaaki Kobayashi</i>	11/25/98
8. Yoshitomi NAGAOKA	<i>Yoshitomi Nagaoka</i>	11/25/98

Application for United States Letters Patent

Serial No. 09/117,793

Filed _____,

Attorney Docket No. MTS-2710