

11-03-1999

PATENT ONLY



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

REC

101190600

MRD 10/27/99

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

1. Name of conveying party(ies):
Hideki Hayashi, Tatsuo Ito, Yoshiaki Komma, Hiroaki Yamamoto, and Seiji Nishino

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: 10/25/1999

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: 571-8501

Additional name(s) & address(es) attached? YES NO

4. Application number(s) or patent number(s): 09/427826
 If this document is being filed together with a new application, the execution date of the application is: 10/25/1999
 A. Patent Application Number(s) _____ 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: 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

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.

Allan Ratner
 Name of Person Signing _____ Signature _____ Date 10/27/99
19,717
 Registration. No. _____

Total number of pages including cover sheet, attachments, and document: 3

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

11/02/1999 DNGUYEN 00000253 09427826
 01 FC:581 40.00 OP

10530 U.S. PTO
09/427826
10/27/99

No legalization required

ASSIGNMENT

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

Inventor(s)

ASSIGNOR(s)/
INVENTOR(s)

- 1. Hideki HAYASHI
- 2. Tatsuo ITO
- 3. Yoshiaki KOMMA
- 4. Hiroaki YAMAMOTO
- 5. Seiji NISHINO
- 6. _____

has made an invention entitled: OPTICAL HEAD APPARATUS

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 571-8501 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>Hideki HAYASHI</u>	<u><i>Hideki Hayashi</i></u>	<u>10/25/1999</u>
2. <u>Tatsuo ITO</u>	<u><i>Tatsuo Ito</i></u>	<u>10/25/1999</u>
3. <u>Yoshiaki KOMMA</u>	<u><i>Yoshiaki Komma</i></u>	<u>10/25/1999</u>
4. <u>Hiroaki YAMAMOTO</u>	<u><i>Hiroaki Yamamoto</i></u>	<u>10/25/1999</u>
5. <u>Seiji NISHINO</u>	<u><i>Seiji Nishino</i></u>	<u>10/25/1999</u>

Application for United States Letters Patent

Serial No. _____ Filed _____,

Attorney Docket No. MTS-V03172