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JC853 U.S. PTO  
09/662874  
09/15/00

101477791  
PATENTS

9-15-00

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

1. Name(s) of conveying party(ies):

Tsuguhiro KORENAGA, Hiroyuki ASAKURA, Mikihiro SHIMADA and Masanori IIDA

2. Name(s) and Address(es) of receiving party(ies):

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

09/662874

3. Nature of conveyance: Assignment  
Execution Date: July 25, 2000

4A. Patent Application No.(s):  
Application execution date : July 25, 2000  
4B. Patent No.(s):

5. Name and Address of Party to whom correspondence regarding this document should be mailed:

SMITH, GAMBRELL & RUSSELL, LLP  
Beveridge, DeGrandi, Weilacher & Young  
Intellectual Property Group  
1850 M Street N.W. (Suite 800)  
Washington, DC 20036

202 659-2811

6. Total number of applications and patents involved : one


7. Total fee: \$40.00.  
(Enclosed. Please charge any deficiency or refund any excess to counsel's deposit account.)

8. Deposit account no.: 02-4300

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.

Name of Person Signing : Michael A. Makuch, Reg. No. 32,287

Signature:   
Date: September 15, 2000

09/28/2000 PALLER  
05 FC:581

PATENT  
REEL: 011117 FRAME: 0134

## ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title) \_\_\_\_\_  
OPTICAL WAVEGUIDE PART, ITS MANUFACTURING METHOD, CONNECTION MEMBER, OPTICAL PART,  
METHOD FOR CONNECTING OPTICAL WAVEGUIDE PART, AND OPTICAL ELEMENT

The PATENT RIGHTS referred to in this agreement are:

- (check one) ☒ a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.
- ☐ U.S. patent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.
- ☐ a U.S. patent application based on PCT International Application No. \_\_\_\_\_ filed on (date) \_\_\_\_\_ (U.S. patent application Serial No. \_\_\_\_\_, if known).
- ☐ U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_.

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) ☒ U.S. patent rights only.
- ☐ Worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) Matsushita Electric Industrial Co., Ltd.

(Address) 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN

The ASSIGNEE is:

- (check one) ☐ An Individual.
- ☐ A Partnership.
- ☒ A Corporation of JAPAN (specify state or country)
- ☐ (other) \_\_\_\_\_

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;  
the entire right, title and interest in and to the PATENT RIGHTS;  
the right to sue and recover for any past infringement; and,  
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

ASSIGNEE: Matsushita Electric Industrial Co., Ltd.

CONNECTING OPTICAL WAVEGUIDE PART, AND OPTICAL ELEMENT

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

**Tsuguhiro KORENAGA**  
Name of sole or first inventor

Tsuguhiko Korenaga  
Signature

July 25, 2000  
Date

Hiroyuki ASAKURA  
Name of second inventor, if any

Hironuki Asakura  
Signature

July 25, 2000  
Date

Mikihiro SHIMADA  
Name of third inventor, if any

Mitsuhiko Shimada  
Signature

July 25, 2000  
Date

Masanori IIDA  
Name of fourth inventor, if any

Masanori Iida  
Signature

July 25, 2000  
Date

Name of fifth inventor, if any

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name of sixth inventor, if any

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name of seventh inventor, if any

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name of eighth inventor, if any

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name of ninth inventor, if any

Signature \_\_\_\_\_

Date \_\_\_\_\_