

Form PTO-1595
(Rev. 10/02)
OMB No. 0651-0027 (Exp. 6/30/2005)



U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

102650029

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

1. Name of conveying party(ies):

Hidenobu Hamada

1-16-04

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

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:

Zip: 571-8501

Country: Japan

Additional name(s) & address(es) 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: January 7, 2004

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) 10/648,905

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: RatnerPrestia

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

Street Address: Nemours Building
1007 Orange Street
Suite 1100, P.O. Box 1596
City: Wilmington State: DE
ZIP: 19899

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

19.717

January 14, 2004

Name of Person Signing

Registration No.

Signature

Date

Total Number of Pages including cover sheet, attachments and documents: 6

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

01/20/2004 ECOOPER 00000153 10648905

01 FC:0021

40.00 00

OPR/FINANCE
JAN 16 AM 7:45

CLIENT MATTER NUMBER

No legalization required

ASSIGNMENT

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

Inventor(s)ASSIGNOR(s)/
INVENTOR(s)

- | | |
|---------------------------|----------|
| 1. <u>Hidenobu HAMADA</u> | 2. _____ |
| 3. _____ | 4. _____ |

has made an invention entitled: SLAB WAVEGUIDE AND METHOD OF
MANUFACTURING THE SLAB WAVEGUIDE

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

ASSIGNEE

WHEREAS, the ASSIGNEE

Matsushita Electric Industrial Co., Ltd.(Full Name
and address)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.

- 2 -

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>Hidenobu HAMADA</u>	<u>Hidenobu Hamada</u>	<u>January 7, 2004</u>
	2. _____	_____	_____
	3. _____	_____	_____
	4. _____	_____	_____

Application for United States Letters Patent

Serial No. 10/648, 905

Filed August 27, 2003

Attorney Docket No. MIS-3453US