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7.165

**1. Name of conveying party(ies)/Execution Date(s):**

Tetsuo Ohara

Execution Date(s) June 20, 2005

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

**2. Name and address of receiving party(ies):**

Name: Matsushita Electric Industrial Co., Ltd.

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Zip: 571-8501

Country: JAPAN

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

**3. Nature of Conveyance:**

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- Other

**4. Application or patent number(s):**  This document is being filed together with a new application.

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:**

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06 FC:8021 40.00 OP

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41):** \$ 40.00

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- Authorized to be charged to deposit account
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- None required (government interest not affecting title)

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a. Credit Card - Last 4 Numbers 1005  
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**9. Signature:**

Signature

Date

Kenneth N. Nigon  
Name of Person Signing

31,549  
Registration Number

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

112948 U.S. PTO  
11/174161

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# ASSIGNMENT - Patent Application

Docket Number: **MKPA-112US**

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/ INVENTOR(s)	1. <b>Tetsuo Ohara</b>	2.
	3.	4.
	5.	6.

made an invention entitled: **METHOD AND APPARATUS FOR INTEGRATED OPTICAL FIBER SENSING WITH NANOMETER PRECISION**

for which an application for Letters Patent of the United States:

*(Select one of the following):*

- is executed concurrently herewith  
 was filed in the U.S. Patent and Trademark Office on \_\_\_\_\_,  
as U.S. Patent Application Serial No.: \_\_\_\_\_

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, continuations, and continuations-in-part 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.

# ASSIGNMENT - Patent Application

Docket Number: **MKPA-112US**

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 not identified above.

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. Tetsuo Ohara	<i>Tetsuo Ohara</i>	<i>June 20, 2005</i>
		* Witness to Assignor #1	
	2.		
		* Witness to Assignor #2	
	3.		
		* Witness to Assignor #3	
	4.		
		* Witness to Assignor #4	
	5.		
		* Witness to Assignor #5	
	6.		
		* Witness to Assignor #6	

Application for United States Letters Patent:

Serial No.: \_\_\_\_\_

Filed: \_\_\_\_\_

Attorney Docket Number: **MKPA-112US**

Total Number of Assignment Pages

\* Witness signature recommended, mandatory for some countries