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1. Name of conveying party(ies):  
Yasuhiro GOTOH; Seiji NISHIWAKI; and Yoshiaki KOMMA  
Additional name(s) of conveying party(ies) attached? No

2. Name and address of receiving party(ies):  
Name: Matsushita Electric Industrial Co., Ltd.  
Street Address: 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: April 20, April 21 and April 23, 2005

Additional name(s) & address(es) attached? 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 No.(s) 10/516,023  
B. Patent No.(s) \_\_\_\_\_, issued \_\_\_\_\_  
Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: WENDEROTH, LIND & PONACK, L.L.P.  
Attn: Michael S. Huppert, Esq.  
Street Address: 2033 K Street, N.W., Suite 800  
City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41). . . . . \$ 40.00  
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*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.*  
Michael S. Huppert, Reg. No. 40,268 May 19, 2005  
Name of Person Signing Signature Date  
Total number of pages including cover sheet: 3

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**PATENT**  
**REEL: 016582 FRAME: 0617**

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Yasuhiro GOTOH,

Seiji NISHIWAKI, and

Yoshiaki KOMMA

Insert Name(s)  
of Inventor(s)

the undersigned hereby sell(s) and assign(s) to

Matsushita Electric Industrial Co., Ltd.

Insert Name(s)  
of Assignee(s)

Address

of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

METHOD AND APPARATUS FOR DETECTING FOREIGN BODY ON OBJECT SURFACE,

AND OPTICAL DISK APPARATUS

Title of  
Invention

for which an application for patent in the United States has been executed by the undersigned on

April 23, 2005, April 21, 2005 and April 20, 2005

Date of Signing  
Application

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date April 23, 2005, Name of Inventor Yasuhiro Gotoh  
 Date April 21, 2005, Name of Inventor Yasuhiro GOTOH Seiji NISHIWAKI  
 Date April 20, 2005, Name of Inventor Seiji NISHIWAKI Yoshiaki KOMMA  
 Date ~~April 23, 2005~~<sup>YG</sup>, Name of Inventor Yoshiaki KOMMA ~~Yasuhiro Gotoh~~<sup>YG</sup>  
 Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
 Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Masanari Mohri  
 Witness Hidemichi Shibashi

### ACKNOWLEDGMENT

\_\_\_\_\_  
 \_\_\_\_\_ } SS

This \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_, before me  
 personally came the above-named \_\_\_\_\_

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

\_\_\_\_\_  
 Official Signature  
 \_\_\_\_\_  
 Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. 10/516,023 Filing Date November 29, 2004  
 Applicant Reference No. 538760 Atty. Docket No. 2004\_1883A  
 Title of Invention METHOD AND APPARATUS FOR DETECTING FOREIGN BODY ON OBJECT SURFACE,  
 AND OPTICAL DISK APPARATUS