To the Commissioner of Patents and Trademarks: Please record:

1. Name of conveying party(ies):
   Himaki YAMAMOTO
   Teruhiro SHINO
   Tatsuo ITO
   Seiji NISHINO
   Sadao MIZUNO

2. Name and address of receiving party(ies):
   MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
   1006, Oaza Kadoma
   Kadoma-shi
   Osaka 571-8501, Japan

3. Nature of conveyance:
   ☑ Assignment
   Security Agreement
   ☐ Merger
   ☐ Change of Name
   Other:

   Execution Date: November 16, 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: Unknown

A. Patent Application No(s): 103024572

B. Patent No(s): 06/581,400

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Douglas P. Mueller
   Address: Merchant & Gould P.C.
            P.O. Box 2903
            Minneapolis, MN 55402-0903

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):
   ☑ Enclosed
   ☐ Authorized to be charged to deposit account
   $40.00

8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

12/07/2004
FC: 6021
00000028 10516220

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.

   Curtis B. Hamre (29,165)
   Name of Person Signing

   Signature

   Novembre 30, 2004
   Date

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

Mail documents to be recorded with required cover sheet information to:
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23552
PATENT TRADEMARK OFFICE

PATENT
REEL: 016694 FRAME: 0968
INSTRUCTIONS

ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

1. Hiroaki YAMAMOTO residing at 58-8, Shirogane 1-chome, Inagawa-cho, Kawabe-gun, Hyogo 666-0257, JAPAN and a citizen of Japan;
2. Tetsuhiro SHIONO residing at 2-50, Nageyoshi-Rokutan 4-chome, Hirano-ku, Osaka-shi, Osaka 547-0012, JAPAN and a citizen of Japan;
3. Tatsuo ITO residing at 7-6, Uruwari 1-chome, Hirano-ku, Osaka-shi, Osaka 547-0024, JAPAN and a citizen of Japan;
4. Seiji NISHINO residing at 11-15, Kitahatake 2-chome, Abeno-ku, Osaka-shi, Osaka 545-0035, JAPAN and a citizen of Japan;
5. Sadac MIZUNO residing at 22-10, Shirakawa 2-chome, Ibaraki-ku, Osaka 567-0832, JAPAN and a citizen of Japan;

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on _________ for this invention, which application is entitled OPTICAL RECORDING MEDIUM, OPTICAL INFORMATION PROCESSOR, AND OPTICAL RECORDING/REPRODUCING METHOD

and which has been given Serial Number _________ and the filing date of ________;

AND WHEREAS Matsushita Electric Industrial Co., Ltd. (herein called "ASSIGNEE"), a corporation organized under the laws of Japan, and having an office and place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, JAPAN

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or reissues thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns, the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.
ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

1. Hiroaki YAMAMOTO residing at 98-8, Shirogane 1-chome, Inagawa-cho, Kakubegun, Hyogo 666-0237, JAPAN and a citizen of Japan;
2. Teruhiro SHIONO residing at 2-50, Nagavoshi-Kokutan 4-chome, Hirono-ku, Osaka-shi, Osaka 547-0012, JAPAN and a citizen of Japan;
3. Tsuuo ITO residing at 7-6, Utsuwari 1-chome, Hirano-ku, Osaka-shi, Osaka 547-0024, JAPAN and a citizen of Japan;
4. Seiji NISHINO residing at 11-15, Kitahatake 2-chome, Abeno-ku, Osaka-shi, Osaka 543-0075, JAPAN and a citizen of Japan;
5. Sadao MIYAZAWA residing at 22-10, Shirakawa 2-chome, Ibarki-shi, Osaka 567-0832, JAPAN and a citizen of Japan;

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on _________ for

OPTICAL RECORDING MEDIUM, OPTICAL INFORMATION PROCESSOR, AND OPTICAL RECORDING/REPRODUCING METHOD

and which has been given Serial Number ________ and the filing date of ________;

AND WHEREAS Matsushita Electric Industrial Co., Ltd. (herein called "ASSIGNEE"), a corporation organized under the laws of Japan, and having an

office and place of business at 1006, Oaza Kodama, Kodama-shi, Osaka 571-8501, JAPAN

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and

other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to

the ASSIGNEE, its successors and assigns, the entire right, title and interest for

the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals

thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and

request the Commissioner of Patents to issue any and all United States Letters

Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and

interest in and to the same, for the use of the ASSIGNEE, its successors and

assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their

executors and legal representatives will make, execute and deliver (without

charge but at the expense of the ASSIGNEE) any and all other instruments in

writing including any and all further application papers, affidavits, assignments

and other documents, and will communicate to said ASSIGNEE, its successors

and representatives all facts known to THE UNDERSIGNED relating to said

invention and the history thereof and will testify in all legal proceedings and

generally do all things which may be necessary or desirable to vest the

ASSIGNEE, its successors or assigns the entire right, title and interest in and to

the said invention, applications, Letters Patent, rights, titles, benefits, privileges

and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors

and assigns, that no assignment grant, mortgage, license or other agreement

affecting the rights and property herein conveyed has been or will be made to

others by THE UNDERSIGNED, and that full right to convey the same as

herein expressed is possessed by THE UNDERSIGNED.
IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date

Signature   Date
Hiroyuki Yoshida   November 16, 2004
Signature   Date
Yoshiki Shiono   November 16, 2004
Signature   Date
Tateno Itto   November 16, 2004
Signature   Date
Seiji Mishima   November 16, 2004
Signature   Date
Sadao Mizo

Note: No legalization or other witness required