To the Commissioner of Patents and Trademarks: Please record:

1. Name of conveying party(ies):
   Himaki YAMAMOTO
   Teruhiko SHIONO
   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

Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No
Additional name(s) & address(es) attached? ☐ Yes ☑ No

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: Unknown

A. Patent Application No.(s)
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☑ No

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

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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
   Date

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   Mail Stop Assignment Recordation Services
   Director - U.S. Patent and Trademark Office
   P.O. Box 1450
   Alexandria, VA 22313-1450

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23552

PATENT TRADEMARK OFFICE

REEL: 016694 FRAME: 0968
ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

1. Hiroaki YAMAMOTO residing at 8-8. Shiroyane 1-chome, Inagawa-cho, Kawabe-gun, Hyogo 666-0257, JAPAN and a citizen of Japan;
2. Tenrihiro 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. Saday MIZUNO residing at 22-10, Shirakawa 2-chome, Ibaraki-cho, 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 Kodome, 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 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.
INSTRUCTIONS

ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

1. Hiroaki YAMAMOTO residing at 98-8, Shirogane 1-chome, Inagawa-cho, Kawase-gun, Hyogo 666-0257, JAPAN and a citizen of JAPAN;
2. Teruhiro SHIONO residing at 2-50, Nagavoshi-Rokutan 4-chome, Hirano-ku, Osaka-shi, Osaka 547-0012, JAPAN and a citizen of JAPAN;
3. Tatsuo ITO residing at 7-6, Ushinari 1-chome, Hirano-ku, Osaka-shi, Osaka 547-0024, JAPAN and a citizen of JAPAN;
4. Seiji NISHINO residing at 11-15, Kitabatake 2-chome, Abeno-ku, Osaka-shi, Osaka 545-0075, JAPAN and a citizen of JAPAN;
5. Sadao MIZUNO residing at 22-10, Shirakawa 2-chome, Itabashi-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 1096, Naka Koadama, Kadoma-shi, Osaka 571-8501, JAPAN

Name of Corporation

State or Country of Incorporation and Address

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 heretofore set their hand on the dates indicated below.

Each inventor must sign & date

Signature Hitoshi Yamane ____________________________  Date November 16, 2004
Signature Teruhiko Shiono ____________________________  Date November 16, 2004
Signature Tateno Itto ________________________________  Date November 16, 2004
Signature Seiji Nishino ________________________________  Date November 16, 2004
Signature Sadayoshi Mimura ____________________________  Date November 16, 2004

Note: No legalization or other witness required