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Yasunari SUGITA November 11, 2003
Akihiro ODAGAWA October 27, 2003
Nozomu MATSUKAWA October 20, 2003
Yoshio KAWASHIMA October 22, 2003
Yasunori MORINAGA October 21, 2003

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
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- Other:
- Merger
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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)

10719412

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): \$40.00

- Enclosed
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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.

Douglas P. Mueller (30,300)

Name of Person Signing

Signature

November 21, 2003

Date

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PATENT TRADEMARK OFFICE

PATENT
REEL: 014739 FRAME: 0772

17548 U.S. PTO
10719412



11/21/03

INSTRUCTIONS

ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

Inventor(s) Name,
Address, Citizenship

1. Yasunari SUGITA residing at 19-2-203, Yasuda 3-chome, Tsurumi-ku, Osaka-shi, Osaka 538-0032, JAPAN and a citizen of Japan;
2. Akihiro ODAGAWA residing at 3-1-30-702, Tanaka, Tsuchiura-shi, Ibaraki 300-0048, JAPAN and a citizen of Japan;
3. Nozomu MATSUKAWA residing at 498-2-1-101, Gakuenasahimotomachi 1-chome, Nara-shi, Nara 631-0015, JAPAN and a citizen of Japan;
4. Yoshio KAWASHIMA residing at 3-14-517, Miyukihigashicho, Neyagawa-shi, Osaka 572-0055, JAPAN and a citizen of Japan;
5. Yasunori MORINAGA residing at 4-6-1-1012, Yamada-Nishi, Suita-shi, Osaka 565-0824, JAPAN and a citizen of Japan;

Date Patent Declaration
Signed and Title Serial
No. and filing date (if
known)

(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
MAGNETORESISTIVE ELEMENT AND METHOD FOR PRODUCING THE SAME, AS WELL AS MAGNETIC HEAD, MAGNETIC MEMORY AND MAGNETIC RECORDING DEVICE USING THE SAME

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

Name of Corporation

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

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 hereunto set their hand on the dates indicated below.

Each inventor must sign & date

Yasunari Sugita
Signature

November 11, 2003
Date

Note: No legalization or other
Witness required

Akihiro Odagawa
Signature

October, 27, 2003
Date

Nozomu Matsukawa
Signature

October 20, 2003
Date

Yoshio Kawashima
Signature

October 22, 2003
Date

Yasunori Morinaga
Signature

October 21, 2003
Date