

5/16/02

FORM PTO-1595 (REV 6-93)

RE

05-28-2002



EET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

OMB No. 0651-011 (exp. 4/94)

YAMAP0818US

To the Honorable Commissioner of Pa.

102103452

ched original documents or copy thereof.

1. Name of conveying party(ies):

Yoshiyuki Saito; Akio Konishi; Koichiro Hirabayashi

Additional name(s) of conveying party(ies) attached? [ ] Yes [ x ] No

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

Name: Matsushita Electric Industrial Co., Ltd.

Internal Address:

Street Address: 1006, Oaza Kadoma, Kadoma-shi

City: Osaka

State/Country: Japan ZIP: 571-8501

Additional name(s) & address(es) attached? [ ] Yes [ x ] No

3. Nature of conveyance:

- [ x ] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other

Execution Date: April 19, 2002

4. Application number(s) or patent number(s):

10147730

If this document is being filed together with a new application, the execution date of the application is: 04/19/02

A. Patent Application No.(s)

B. Patent No.(s)

Additional Numbers attached? [ ] Yes [ x ] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Neil A. DuChez

Internal Address: Renner, Otto, Boisselle & Sklar

Street Address: 1621 Euclid Avenue

19th Floor

City: Cleveland

State: Ohio ZIP: 44115

6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) .....\$ 40.00

[ x ] Enclosed

[ ] Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Neil A. DuChez

Name of Person Signing

Signature

May 16, 2002 Date

Reg. No. 26,725 Total number of pages including cover sheet attachments, and document: [ 3 ]

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

05/21/2002 MDAHTE1 00000043 10147736 40.00 DP 02 FC:581

PATENT REEL: 012918 FRAME: 0082

J1050 U.S. PTO 10/147736 05/16/02

**ASSIGNMENT**

WHEREAS, the ASSIGNOR(S), being the following named inventors(s):

Yoshiyuki SAITO  
18-2-405, Hoshidanishi 5-chome, Katano-shi  
Osaka 576-0015 Japan

Akio KONISHI  
408-3, Kamo, Sanda-shi  
Hyogo 669-1311 Japan

Koichiro HIRABAYASHI  
9-5, Yamanoue 1-chome, Hirakata-shi  
Osaka 573-0047 Japan

are inventor(s) of and owner(s) of rights to a certain invention entitled:

**MAGNETIC RECORDING AND REPRODUCTION APPARATUS**

for which application for Letters Patent of the United States was executed on the date indicated below, and

WHEREAS, the ASSIGNEE:

**MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.**  
1006, Oaza Kadoma, Kadoma-shi  
Osaka 571-8501 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division,

renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement, charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale.

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or his legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Signed:

*Yoshiyuki Saito*

Yoshiyuki SAITO

*Akio Konishi*

Akio KONISHI

*Koichiro Hirabayashi*

Koichiro HIRABAYASHI

Date:

*April 19, 2002*

*April 19, 2002*

*April 19, 2002*