

01-06-1999



ER SHEET

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Attorney Docket No. YAMAP0601US

To the Honorable Commissioner

100935602

d the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Yasuhiro KAWAWAKE  
Mitsuo SATOMI  
Yasunari SUGITA  
Hiroshi SAKAKIMA

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

## 3. Nature of conveyance:

[X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other \_\_\_\_\_

Execution Date: October 16, 1998

## 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: Japan ZIP: 571-8501

Additional name(s) & address(es) attached?

[ ] Yes [X] 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)

09/162,300

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, Esq.

Internal Address: RENNER, OTTO, BOISSELLE  
& SKLAR, P.L.L.

Street Address: 1621 Euclid Avenue

Nineteenth Floor

2/28/1998 CHONG 00000016 09162300

City: Cleveland

State: Ohio

ZIP: 44115

2 FC:581

40.00 DP

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

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

[X] Enclosed

[ ] Authorized to be charged to deposit account

## 8. Deposit account number:

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

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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.

Neil A. DuChez

Name of Person Signing

Signature

December 18, 1998

Date

Reg. No. 26,725 Total number of pages including cover sheet attachments, and document: [ 4 ]

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

PATENT  
REEL: 9674 FRAME: 0251

## ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

1. Yasuhiro KAWAWAKE; 34-1-511, Nishihata, Ogura-cho,  
Uji-shi, Kyoto Japan
2. Mitsuo SATOMI; 6-52-4, Kisabe,  
Katano-shi, Osaka Japan
3. Yasunari SUGITA; 25-3, Mido-cho,  
Kadoma-shi, Osaka Japan
4. Hiroshi SAKAKIMA; 20-19, Kasumizaka,  
Kyotanabe-shi, Kyoto Japan

has invented and owns a certain invention entitled:

MAGNETORESISTANCE EFFECT DEVICE, MAGNETORESISTANCE HEAD  
AND METHOD FOR PRODUCING MAGNETORESISTANCE EFFECT DEVICE

for which application for Letters Patent of the United  
States was filed on September 28, 1998, and having  
Express Mail No. EE788688997US, 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 of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR 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 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 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 and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its 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.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 16th day of October, 1998.

1. Yasuhiro Kawawake  
(Yasuhiro KAWAWAKE)

2. Mitsuo Satomi  
(Mitsuo SATOMI)

3. Yasunari Sugita  
(Yasunari SUGITA)

4. Hiroshi Sakakima  
(Hiroshi SAKAKIMA)