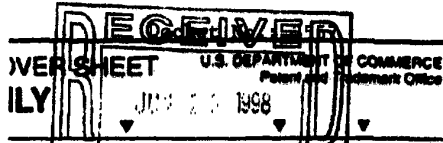


07-13-1998



Tab settings

To the Honorable Comr

100761628

and the attached original documents or copy thereof.

1. Name of conveying party(ies):
1) Hitoshi Hirano;
2) Yoichi Domoto;
3) Keiichi Kuramoto;
4) Hisaki Tarui
Additional name(s) of conveying party(ies) attached? Yes No

WRD
6-23-98

2. Name and address of receiving party(ies)
Name: SANYO ELECTRIC CO., LTD.
Internal Address: 5-5, Keihanondori 2-chome
Moriguchi-city, Osaka
Japan

3. Nature of conveyance.
 Corrected Assignment Merger
 Security Agreement Change of Name
 Other

Street Address:
City: State: ZIP:

Execution Date: 1) June 5, 1998; 2,3,4) June 4 1998

Additional name(s) & address(es) attached? Yes 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)
09/023,016
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Fasse Patent Attorneys, P.A.
Internal Address: P.O. Box K
St. Albans, ME 04971
Street Address: Indian Pond Lane
St. Albans, ME 04971
City: State: ZIP:

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41).....\$40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
50-0507
(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.
Walter F. Fasse
Name of Person Signing
Signature
June 23 1998
Date
Total number of pages including cover sheet, attachments, and document: 2

case: postcard
copy of Corrected Assignment
Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20531

CERTIFICATE OF MAILING

I certify that this correspondence with enclosures is being deposited with the U. S. Postal Service, with sufficient postage prepaid, as first-class mail on June 23, 1998, and is addressed to: BOX ASSIGNMENT, ASSISTANT COMMISSIOENR FOR PATENTS, WASHINGTON, D.C. 20231.

Sylvia Murphy
Sylvia Murphy - June 23, 1998

PATENT
REEL: 9290 FRAME: 0955

0000017 5800
48-00 CH
JUN 23 1998
PTO

CORRECTED ASSIGNMENT OF INVENTION, PATENT APPLICATION, AND PATENT

Whereas Assignors: 1) Hitoshi Hirano; 2) Yoichi Domoto; 3) Keiichi Kuramoto; 4) Hisaki Tarui
of: 1) 20-11, Rokuban-cho, Koshien, Nishinomiya-city, Hyogo 663, Japan
2) 3-9-15, Mayumi, Ikoma-city, Nara 630-01, Japan
3) 22-7, Tsukide-cho, Kadoma-city, Osaka 571, Japan
4) 7-2-11-403, Tawaradai, Sijyouawate-city, Osaka 575, Japan

have invented certain new and useful improvements in the Invention entitled:
THIN FILM MAGNETIC HEAD

as described and as claimed in the Application for Letters Patent of the United States of America as filed in the U. S. Patent and Trademark Office on: February 11, 1998 under U. S. Application Serial No.: 09/023,016, and as identified by Attorney Docket No. 3557, with a Declaration executed by said Assignors 1), 2) and 3) on January 23, 1998, and a Corrected Declaration executed by all said Assignors 1), 2), 3) and 4) on the same date as this corrected Assignment;

And Whereas, Assignee: **SANYO ELECTRIC CO., LTD.**

of: 5-5, Keihanondori 2-chome, Moriguchi-city, Osaka, Japan

including its heirs, successors and assigns is desirous of acquiring the entire and exclusive right, title, and interest in said Invention and any and all Letters Patents that may be granted therefor in the United States of America;

And Whereas, said Assignors 1), 2) and 3) have assigned their entire right, title and interest in said Invention, said Application and all continuations and divisions thereof, and all United States Letters Patents that may be granted thereon, to said Assignee by an Assignment executed on January 23, 1998 and recorded in the U. S. Patent and Trademark Office on February 11, 1998 at Reel 8991, Frame 0281:

Now Therefore, said Assignors 1), 2) and 3) reaffirm and incorporate herein their prior Assignment, and in consideration of ONE Dollar (\$1.00) and other valuable consideration, the receipt of which by said Assignors is acknowledged, all of said Assignors hereby assign, sell and transfer unto said Assignee the entire and exclusive right, title and interest in and to said Invention, said Application, any and all continuations, divisions, reissues, reexaminations and extensions of said Application, any and all rights of priority pertaining to said Invention or said Application, and said Letters Patents granted therefor, in the United States of America, for the full term or terms of said Letters Patents and for the maximum duration that any interest assigned herein may be maintained, to be held and enjoyed by said Assignee including its heirs, successors, and assigns as fully and entirely as the same would have been held by said Assignors had no Assignment thereof been made. Said Assignors covenant that they have the full right to convey the entire right, title and interest herein assigned, and that they have not made, and will not make any statement, agreement or conveyance in conflict herewith.

Said Assignors further agree to cooperate with said Assignee, execute all truthful papers, and take such actions in connection with said Application and any continuations, divisions, reissues, reexaminations and extensions thereof, in any interference or proceeding in relation thereto, and in any foreign applications corresponding thereto, as requested by said Assignee. Said Assignors hereby authorize said Assignee to control and direct the prosecution of said Application and any and all continuations, divisions, reissues, re-examinations and extensions thereof.

Said Assignors authorize and request that said Letters Patents granted for said Invention should be issued to and in the name of said Assignee.

In Testimony Whereof, We, said Assignors, hereunto set our hands on the dates indicated:

Signature: Hitoshi Hirano June 5 1998 Witness: _____
Hitoshi Hirano Date Date

Signature: Yoichi Domoto June 4 1998 Witness: _____
Yoichi Domoto Date Date

Signature: Keiichi Kuramoto June 4 1998 Witness: _____
Keiichi Kuramoto Date Date

Signature: Hisaki Tarui June 9 1998 Witness: _____
Hisaki Tarui Date Date

PATENT

RECORDED: 06/23/1998

REEL: 9290 FRAME: 0926