



To the Honorable Commissioner of Patents and Trademarks, 101272129 original documents or copy thereof.

1. Name of conveying party(ies):

Hideo YAMAGUCHI

Additional name(s) of conveying party(ies) attached?  Yes  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 571-0050 State: Japan Zip:

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: January 13, 2000

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: January 13, 2000

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: STEVENS, DAVIS, MILLER & MOSHER, L.L.P.

Internal Address: Suite 850/JEL 31007

Street Address: 1615 L Street, N.W.

City: Washington State: DC Zip: 20036

6. Total number of applications and patents involved: 1

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

- Enclosed (Check No. 12808)
- Any deficiencies may be charged to deposit account
- Authorized to be charged to deposit account

8. Deposit account number: 19-4375

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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.

James E. Ledbetter  
Name of Person Signing  
Registration No. 28,732

Signature

January 28, 2000  
Date

Total number of pages including cover sheet, attachments, and document: 2

jc675 U.S. PTO  
09/493007  
01/26/00

50700-1

Sole Inventor

# ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Hideo YAMAGUCHI,

a citizen of Japan by MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,  
a corporation organized under the laws of Japan,

located at 1006, Oaza Kadoma, Kadoma-shi, Osaka, Japan,

receipt of which is hereby acknowledged, I, the said Hideo YAMAGUCHI,

do hereby sell and assign to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,

~~my~~ successors and assigns, all my right, title and interest, in and for the United States of America, in and to "OPTICAL PICKUP APPARATUS OF TILT CONTROL TYPE"

invented by me and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, reissues, continuations and extentions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,

~~my~~ Successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extention, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Signed this 13th day of January, 2000

Hideo Yamaguchi  
(Hideo YAMAGUCHI)

WITNESS:

Fuminobu Furukawa

WITNESS:

Kouji Yoshida