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10/489909

Attorney Docket No.: 10407-81US (A2038MT-US1)

DT08 Rec'd PCT/PTO 18 MAR 2004

08-05-2004



R SHEET

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3-18-04

Please record the attached

1. Name of conveying party.

102806235

Rie TAKAHASHI  
Yoshihiro KANDA

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other
- Correction of previously recorded document  
Reel      Frame No.

Execution Date: February 16, 2004

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: February 16, 2004

A. Patent Application No.(s)

101489909

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

John D. Simmons  
AKIN GUMP STRAUSS HAUER & FELD LLP  
One Commerce Square  
2005 Market Street, Suite 2200  
Philadelphia, PA 19103  
Direct Dial: 215-965-1268  
E-mail: jsimmons@akingump.com

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41).....\$40

- Check enclosed
- Authorization to charge deficient fees or credit any overpayment to Deposit Account.

8. Deposit Account Number: 50-1017

(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.

John D. Simmons  
Name of Person Signing

*John D. Simmons* Reg'd: 25,918 Mar. 18, 2004  
Signature Date

Total number of pages including cover sheet, attachments, and documents: 3

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Equivalent to Form PTO-1595

**PATENT**  
**REEL: 015657 FRAME: 0169**

Attorney Docket No.:10407-81US  
Your Ref. No.:A2038MT-US1

JOINT

**ASSIGNMENT**

**WHEREAS, we, Rie TAKAHASHI and Yoshihiro KANDA respectively citizens of Japan, with respective post office addresses of , 7-85, Ikagakitamachi, Hirakata-shi, Osaka 573-0036 Japan and 5-15-1, Kibogaoka, Toyono-cho, Toyono-gun, Osaka 563-0214 Japan, hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful**

**OPTICAL DISC DRIVE**

for which we have executed a United States patent application, Application No. \_\_\_\_\_, filed \_\_\_\_\_, 200 and

**ASSIGNORS authorize ASSIGNEE or ASSIGNEE's representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.**

**WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a Japanese corporation having a place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.**

**NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;**

**in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;**

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

February 16, 2004  
DATE

Rie TAKAHASHI (Seal)  
Rie TAKAHASHI

February 16, 2004  
DATE

Yoshihiro Kanda (Seal)  
Yoshihiro KANDA