

12-10-2007

| Docket No.: 062807-0458 103467461 | | |
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| To the Director of the U. S. Patent and Trademark Office: Please | record the attached documents or the new address(es) below. | |
| 1. Name of Conveying Party(ies) | 2. Name and address of receiving party(ies) | |
| Koichiro NISHIMURA, Masayuki INOUE | Name: HITACHI, LTD. | |
| | Internal Address: | |
| Additional name(s) of conveying party(ies) attached? Yes No | | |
| 3. Nature of Conveyance/Execution Date(s) | Address: 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, JAPAN | |
| Execution Date(s): September 14, 2007 | | |
| | | |
| ☐ Security Agreement ☐ Change of Name | | |
| ☐ Joint Research Agreement | | |
| Government Interest Assignment | | |
| Executive Order 9424, Confirmatory License | | |
| ☐ Other | Additional name(s) & address(es) attached? Yes No | |
| 4. Application or patent number(s): | This document is being filed together with a new application. | |
| A. Patent Application No(s). 11/905,407, filed on September 28, | B. Patent No(s). | |
| 2007 | | |
| Additional numbers attached? Yes No 5. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: | | |
| Name: MCDERMOTT WILL & EMERY LLP | 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 | |
| Internal Address: | Authorized to be charged by credit card | |
| | Authorized to be charged to deposit account | |
| Street Address: 600 13th Street, N.W. | ☐ Enclosed | |
| | None required (government interest not affecting title) | |
| City: Washington State: D. C. Zip: 20005-3096 | | |
| Phone Number: 202.756.8000 | 8. Payment Information: | |
| Fax Number: 202.756.8087 | | |
| Email Address: | a. Credit Card Last 4 Numbers | |
| | Expiration Date | |
| | b. Deposit Account Number 500417 Authorized User Name | |
| | | |
| 9. Signature. | 15,000,000 | |
| Keith E. George, 34,111 | 12/07/2007 // // 13 H//H1 0000 1000 14 / 20070540/ | |
| Name and Registration No. of Person Signing Signature Signature 40.00 DA Date | | |
| Total number of pages including cover sheet, attachments and documents: 2 | | |
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ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

OPTICAL DISK APPARATUS AND ITS REPRODUCING METHOD

invented by me (if only one is named below) or us (if plural inventors are named below) 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, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us 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 the 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, extension, 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 HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

1111/ENTOB101

| | INVENTOR(S) | Date Signed |
|---------------|--|-------------|
| | (発明者フルネームサイン) | (署名日) |
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PATENT REEL: 020236 FRAME: 0694

RECORDED: 12/04/2007