05-19-2010 Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008) 103597544 To the Director of the U.S. Patent and Address (es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Kazuhiko Fujiie Sony Corporation Internal Address: Additional name(s) of conveying party(ies) attached? X No Street Address: 3. Nature of conveyance/Execution Date(s): 1-7-1 Konan, Minato-ku Tokyo, 108-0075 Execution Date(s): March 11, 2010 **JAPAN** Merger Change of Name x Assignment Security Agreement Joint Research Agreement City: Government Interest Assignment State: Executive Order 9424, Confirmatory License Country: Additional name(s) & address(es) Other X This document is being filed together with a new application. 4. Application or patent number(s): B. Patent No.(s) A. Patent Application No.(s) This application Additional numbers attached? 6. Total number of applications and 5. Name and address to whom correspondence 1 concerning document should be mailed: patents involved: Randy J. Pritzker WOLF, GREENFIELD & SACKS, P.C. 7. Total fee (37 CFR 1.21(h) & 3.41) \$__ Authorized to be charged by credit card Internal Address: Street Address: 600 Atlantic Avenue Authorized to be charged to deposit account **Enclosed** Х None required (government interest not affecting title) 8. Payment Information City: Zip: 02210-2206 a. Credit Card Last 4 Numbers State: Expiration Date 617.646.8000 Phone Number: 617.646.8646 b. Deposit Account Number Fax Number: rpritzker@wolfgreenfield.com Authorized User Name Email Address:

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9. Signature:

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Randy J. Pritzker - 35,986

Name of Person Signing

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Assoc. Ref. No.: S1288US

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned hereby:

1. Sell, assign and transfer to Sony Corporation, a corporation of Japan having a place of business at 1-7-1, Konan, Minato-ku, Tokyo, Japan, 108-0075, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on under Serial No, bearing Attorney Docket No. S1459.706570500, and entitled
SHORT-PULSE LIGHT-SOURCE DEVICE, LASER DRIVING METHOD, OPTICAL PICKUP, AND OPTICAL DISC APPARATUS
and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;

- Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
- Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
- Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
- Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

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PATENT REEL: 024407 FRAME: 0298 Our Docket No.: S1459.70657US00
Sony Ref. No.: S09P1687US00
Assoc. Ref. No.: S1288US

Morch 11, 2010
Date

Inventor:

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