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, : RECORDAT **FORM PTO-1595 DEPARTMENT OF COMMERCE** PATE 1/31/92 **Patent and Trademark Office** 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Name: Sony Corporation **SAKUYA TAMADA** Internal Address: Additional name(s) of conveying party(ies) attached? ☐ Yes ⊠ No 3. Nature of conveyance: Street Address: 7-35, Kitashinagawa 6-chome ☐ Merger Shinagawa-ku, Tokyo, Japan □ Security Agreement □ Change of Name Other City: State:___Zip:_ Execution Date June 21, 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 B: Patent No.(s) Patent Application No.(s) Intl. Appln. No. PCT/JP03/13130 filed June 14, 2004 (U.S. Serial No. 10/498,693) Attorney Docket No. 09792486-0146 Additional numbers attached? ☐ Yes ☒ No 6. Total number of applications and patents involved 5. Name and address of party to whom correspondence concerning document should be 7. Total Fee (37 CFR 3.41 \$ 40.00 mailed: ☐Enclosed ■ Authorized to be charged to applicants' **SONNENSCHEIN NATH & ROSENTHAL LLP** attorneys' American Express account. Form 2038 is P.O. Box #061080 attached for that purpose. Wacker Drive Station **Sears Tower** Any deficiency is authorized to be charged to Chicago, IL 60606-1080 deposit account or any additional fees Customer ID No. 26263 8. Deposit Account Number: 19.3140 (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

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April 5, 2005

Date

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PATENT

REEL: 016440 FRAME: 0684

ASSIGNMENT

FOR a valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the undersigned

SAKUYA TAMADA

RECORDED: 04/08/2005

whose mailing address(es) is/are:

•	
c/o Sony Corporation	, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141, Japan, hereby sell(s), assign(s) and
transfer(s) unto	SONY CORPORATION, a corporation of Japan, having its principal office a
7-35, Kitash	inagawa 6-chome, Shinagawa-ku, Tokyo 141, Japan, the whole right, title and interes
in and to a certain in	vention or improvement in
	ORDING MEDIUM MASTER DISC EXPOSURE APPARATUS AND OPTICAL EDIUM MASTER DISC EXPOSURE METHOD

disclosed in an application for Letters Patent of the United States, prepared by the firm of Sonnenschein, Nath & Rosenthal of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. 09792486-0146, and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

I/We hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said Sony Corporation.

For the same consideration, I/we hereby agree that I/we will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

DATE: June 21, 2004	Hitamada SAKUYAFAMADA	
DATE:		

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