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Execution Date(s): <u>November 28, 1999</u> Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of Conveyance: X Assignment Security Agreement Government Interest Assignment Executive Order 9424 Confirmates Liseane	Name: SONY CORPORATION Internal Address:		
Executive Order 9424, Confirmatory License	Country: Zip:		
Other	Additional name(s) & address(es) Yes X No		
Additional numbers attached?	Yes XNo		
Name and address to whom correspondence concerning document should be malled:	6. Total number of applications and1		
Name: Lawrence E. Russ			
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00		
LERNER, DAVID, LITTENBERG.	├─────└ <u>──</u> ──┘		
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP nternal Address: Atty. Dkl.:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
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LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Atty. Dkl.: Irreet Address: 600 South Avenue West Irreet Address: 600 South Avenue West Irreet Address: 07090 Internal Address: 0908) 518-6309 Internal Address: 0908) 654-0415 Inail Address: 0908) 654-0415 Iruss@ldlkm.com	 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card x Authorized to be charged to deposit account Enclosed None required (government interest not affecting title 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 12-1095 Authorized User Name Lawrence E. Russ 		

PATENT REEL: 023022 FRAME: 0315





ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in <u>REPRODUCTION METHOD AND REPRODUCTION APPARATUS</u> for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my

AND WHEREAS, Sony Corporation, a Japanese Corporation with offices at6-7-35 Kitashinagawa, Shinagawa-Ku, Tokyo, Japan (hereinafter reference as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereof;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereof;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

> PATENT REEL: 023022 FRAME: 0316





This assignment executed on the dates indicated below.

<u>Yasuaki Sekii</u> Name of first or sole inventor

Execution date of U.S. Patent Application

<u>Tokvo, Japan</u>

Residence of first or sole inventor Signature of first or sole inventor

November 28 1999 Date of this assignment

600 SOUTH AVENUE WEST - WESTFILLD, NEW JERSEY 07090 908.654.5000 - Fax 908.654.7866 - www.ldlkm.com

i i li c

Facsimile Transmittal

То:	Fax Number	From
USPTO Assignment Division	571-273-0140	Phyllis Kelly 908-518-6456

Date: July 29, 2009 No. Pages: 4 File Name.: SONYJP 3.0-1240 DIV RE Client/Matter No: SONYJP/1513 Attorney/Secretary: LER/bls

MESSAGE:

Please record the attached assignment and fax the Notice of Recordation to Phyllis Kelly at 908-654-7866.

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