-01-2002 FORM PTO-1595 JC13 Rec'd PCT U.S. DEPARTMENT OF COMMERCE 1-31-92 Patent and Trademark Office 7217/64967 102136384 To the Honorable Commissioner of Patents ord the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): 3.28.02 Yoichiro SAKO Tatsuya INOKU Name: Sony Corporation Internal Address 3. Nature of Conveyance: Street Address: 6-7-35 Kitashinagawa Assignment Tokyo, 141 Japan Merger ____ State ______ ZIP ____ Security Agreement Change of Name Other_ Additional name(s) & address(es) attached? Yes No Execution Date: February 7, 2002 4. Application number(s) or patent number(s): It this document is being filed together with a new application, the execution date of the application is March 28, 2002 A. Patent Application No.(s) B. Patent No.(s) Yes X No Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: Jay H. Maioli 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: Cooper & Dunham LLP Enclosed Authorized to be charged to deposit account 8. Deposit account number: Street Address: _____1185 Avenue of the Americas_ (Attach duplicate copy of this page if paying by deposit account) City: New York State: New York ZIP __10036 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 a true copy of the original document. Jay H. Maioli, Reg. No.27,213 Name of Person Signing Total Number of pages comprising cover sheet: MB No. 0651-0011 (exp. 4/94) Do not detach this portion Mail documents to be recorded with required cover sheet information of 04/05/2002 MNGUYEN 00000079 033125 10089478 32.00000 mmissioner of Patents and Trademarks 8.00 CH Bo Assignments 04 FC:581 Washington, D.C. 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments

regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C.

20231, and to the office of Management and Budget, Paperwork Reduction Project. (0651-0011). Washington, D.C. 20503

PATENT REEL: 012853 FRAME: 0094

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 RECORD MEDIUM, RECORDING AND/OR REPRODUCING METHOD FOR RECORD MEDIUM, AND RECORDING AND/OR REPRODUCING APPARATUS FOR RECORD MEDIUM for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at6-7-35 Kitashinagawa, Shinagawa-Ku, Tokyo, Japan (hereinafter reference as ASSIGNEE) are 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 foreign countries;

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 granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to 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 issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the 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 expense;

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.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number______, Filing Date______

PATENT REEL: 012853 FRAME: 0095 This assignment executed on the dates indicated below.

RECORDED: 03/28/2002

Yoichiro Sako	
Name of first or sole inventor	Execution date of U.S. Patent Application
Tokyo, Japan	
Residence of first or sole inventor	
Gaichina Sa ho	February 7, 2002 Date of this assignment
Signature of first or sole inventor	Date of this assignment
Tatawa Indrughi	
Tatsuya Inokuchi	
Name of second inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of second inventor	
Topunge homes (V	February 7, 2002
Signature of second inventor	bate of this assignment

PATENT REEL: 012853 FRAME: 0096