form PTO-1595 (Rev. 69-04) OMB No-0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMME United States Palent and Trademark C
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To the Director of the U.S. Patent and Trademark Office, Please	record the attached documents or the new address(cs) below
1. Name of conveying party(les)/Execution Date(s): YUSAKU MORISHIGE (11/09/2007) AND NOBUHIKO ANDO (11/16/2007)	2. Name and address of receiving party(ies)
Execution Date(s): in parentheses after inventor name  Additional name(s) of canveying parlytics) attached?  Yes X No  3. Nature of Conveyance:  X Assignment  Security Agreement  Change of Name  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other  4. Application or patent number(s):  A Patent Application No.(s)  11/919,625	Name: SONY CORPORATION  Internal Address: Street Address: 1-7-1 Konan, Minato-ku Tokyo 108-0075 JAPAN  City: State: Country: Zip Additional name(s) & address(es) Yes x No  his document is being filed together with a new application.  8. Patent No.(s)
Additional numbers attached?  Name and address to whom correspondence	Yes XNo
ame. Dennis M. Smid, Esq. LERNER, DAVID, LITTENBERG,	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
ternal Address: Atty, Okt : SONYUP 3.3-593	Authorized to be charged by credit card
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Dennis M. Smid, Esq 34,930	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents. 3

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PATENT REEL: 023473 FRAME: 0305 LDLKM → USPTO AS:

Docket Number: SONYJP 3.3-593 Sony Reference No.: S06P0540US00

## 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:

## RECORDING APPARATUS, RECORDING METHOD, PROGRAM, AND RECORDING MEDIUM

for which an International Application was filed on 27 April 2006, PCT/JP2006/308845, designating the United States;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-ku, Tokyo 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. United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filling of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the 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 thereto:

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 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 thereto;

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 attornand filing date of this application in the spaces that follow: Appli	ey(s) of record in this application to insert the application number ication Number:
This assignment executed on the dates indicated	d below.
Yusaku MORISHIGE	
Name of First or Sole Inventor	Execution Date of U.S. Patent Application
Kanagawa, Japan	The state of the s
Residence of First or Sole Inventor	
Signature of First or Sole Inventor	Nov. 9. 2007
Separate of Pilst of Sole Inventor	Date of this Assignment

PATENT REEL: 023473 FRAME: 0306

Docket Number: SONYJP 3.3-593 Sony Reference No.: S06P0540US00

Nobuhiko ANDO Name of Second Joint Inventor	
Tokyo, Japan Residence of Second Joint Inventor	Execution Date of U.S. Patent Application
Signature of Second Joint Inventor	Nov. 16 2007
- The same that the same same same same same same same sam	Date of this Assignment

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**RECORDED: 11/04/2009** 

PATENT REEL: 023473 FRAME: 0307