04-10-2003 A ty Docket No.: 233356US6 RECO FC-RM PTO-1595 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office PA 102414910 original documents or copy thereof. To the Honorable Commissioner of Patents and Tradenuss. 1 Name of conveying party(ies): 2. Name and address of receiving party(ies): Manabu KII Name: Sony Corporation Seiii OHBI Address: 7-35, Kitashinagawa 6-chome Takashi KAWAKAMI Shinagawa-ku, Tokyo, 141-0001 JAPAN Masato HATTORI A iditional name(s) of conveying party(ies) attached? 

Yes No 3 Nature of Conveyance: Assignment ☐ Merger ☐ Change of Name ☐ Security Agreement □ Other Execution Date: March 10, 2003; March 10, 2003; Additional name(s) and address(es) attached? 

Yes No March 10, 2003; March 11, 2003 4 Application number(s) or patent number(s): March 10, 2003; March It this document is being filed together with a new application, the execution date of the application is: 10, 2003; March 10, 2003; March 11, 2003 B. Patent No.(s) A Patent Application No.(s) Additional numbers attached? 

Yes No 5 Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 T. I. (703) 413-3000 (Attach duplicate copy of this page if paying by deposit account) Fax. (703) 413-2220 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 cepy of the original document. Gregory J. Maier Name of Person Signing BRADLEY D. LYTLE R gistration Number: 25,599 REGISTRATION NO. 40,073 Total number of pages including this cover sheet: 3

Mail documents to be recorded with required cover sheet information to:

00000023 10403096

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

PATENT REEL: 013928 FRAME: 0651

Docket Number:

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 METHOD APPARATUS, AND EDITING METHOD APPARATUS		
for which application for Letters Patent of the United States of America was executed and address;	cuted by me on the date indicated next to my name	
AND WHEREAS, Sony Corporation, a Japanese corporation Shir agawa-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of said application disclosing the invention and in, to and under any Letters Patent there for in the United States and in any and all foreign countries;	acquiring all interest in, to and under said invention,	
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 Pate it 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 ASS GNEE 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, appl cations and Letters Patent of the United States and countries foreign thereto;		
And I further agree to properly execute and deliver and without further repapers for application for foreign patents, for filing subdivisions of said applications is set of any Letters Patent which may be granted for my aforesaid invention, as prepure at its own expense;	ion for patent, and or, for obtaining any reissue or	
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 acce sible 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 attorney(s) of record in this applithis application in the spaces that follow: Serial Number:	cation to insert the serial number and filing date of Filing Date:	
This assignment executed on the dates indicated below.		
MANABU KII		
Name: of first or sole inventor	Execution date of U.S. Patent Application	
TOKYO, JAPAN		
Resi lence of first or sole inventor  Manual  Manual	Mar 10, 2003	
Sign iture of first or sole inventor	Date of this assignment	

PATENT REEL: 013928 FRAME: 0652

SEIJI OHBI	
ame of second inventor	Execution date of U.S. Patent Application
TOKYO, JAPAN	
esidence of second inventor	
Sega Ohli Signature of second inventor	Mar 10, 2003
ignature of second inventor	Date of this assignment
TAKASHI KAWAKAMI	
Name of third inventor	Execution date of U.S. Patent Application
TOKYO, JAPAN	
F esidence of third inventor	
gnature of third inventor	Mar 10, 2003  Date of this assignment
MASATO HATTORI	
Name of fourth inventor	Execution date of U.S. Patent Application
KANAGAWA, JAPAN	
Fesidence of fourth inventor Haltori	Mar 11. 2003
S gnature of fourth inventor	Date of this assignment
Name of fifth inventor	Execution date of U.S. Patent Application
Residence of fifth inventor	
S gnature of fifth inventor	Date of this assignment

**RECORDED: 04/01/2003** 

PATENT REEL: 013928 FRAME: 0653