10-18-20	604 FLH Ref. No.: 450100-0	484
10/14/04	'FT US DEPARTMENT OF COMMER	
To the Honorable Commission 1028610	.ttached original documents or copy thereof.	
Name of conveying parties Takaya ONO, Hideki ANDO, Satoshi KATSUO, Takashi FURUKAWA, Hisao TANAKA, Takayoshi KAWAMURA, Motohir TERAO, Masaki HIROSE Additional name(s) of conveying party(ies) attached?Yes _X_No	2. Name and address of receiving party(ies) SONY CORPORATION 7-35 Kitashinagawa 6-chome Shinagawa-Ku, Tokyo 141-0001, Japan Additional name(s) & address(es) attached? YesX No	
3. Nature of conveyance: X Assignment Security Agreement Merger Change of Name Other Execution Date(s): September 8, September 15, September 15, September 14, September 15, September 9 and September 15, 2004 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution A. Patent Application No. 10/726,082 filed December 2, 2003. Additional numbers attached? Yes X No	xecution date of the application is:	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved	1
Name: WILLIAM S. FROMMER Internal Address: FROMMER LAWRENCE & HAUG LLP Street Address: 745 FIFTH AVENUE	7. Total fee (37 CFR 3.41) \$ 40 X Enclosed Authorized to be charged to deposit account 50-0320).00
City: NEW YORK State: NY Zip: 10151	8. Deposit account number: (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	s true and correct and any attached copy is a true copy of the original docume	nt.
Bruno Polito	October 7, 2004	
Name of Person Signing S	Signature Date	
/15/2004 DBYRME 00000015 10726082	Total number of pages including cover sheet, attachments, and document:	, 4

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00223184

Docket Numbe	er: 450100-04842

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 CONTROL APPARATUS, RECORDING CONTROL METHOD, AND PROGRAM USED THEREWITH

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 at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan (hereinafter referenced 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 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 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 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 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 application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 10/726082, Filing Date: Dec. 2, 2003.

This assignment executed on the dates indicated below.

PAKAYA ONO	
Name of first or sole inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of first or sole inventor Jakaya Signature of first or sole inventor	Sep. 8 200 ×
Signature of first or sole inventor	Date of this assignment

PATENT REEL: 015881 FRAME: 0473

HIDEKI ANDO	
Name of second inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of second inventor	
Hideki Ando	September 8, 2004 Date of this assignment
Signature of second inventor	Date of this assignment
·	
•	
SATOSHI KATSUO	
Name of third inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of third inventor	
Short Catsus	September 15, 200 4 Date of this assignment
Signature of third inventor	Date of this assignment
•	
TAKASHI FURUKAWA	
Name of fourth inventor	Execution date of U.S. Patent Application
	• •
Kanagawa, Japan	<i>6</i> .
Residence of fourth inventor	September 15, 2004
Takashi Furukawa	
Signature of fourth inventor	Date of this assignment
HISAO TANAKA	
Vame of lifth inventor	Execution date of U.S. Patent Application
Tokyo, Japan Lesidence of lifth inventor	
\mathcal{A}	0 1 11 - 11
HS bo Tanaka_	September 14, 2004
ignature of fifth inventor	Date of this assignment

PATENT REEL: 015881 FRAME: 0474

?AKAYOSHI KAWAMURA	· ·
amc of sixth inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
esidence of sixth inventor	
· Takasoshi Kawamura	Septemben15, 200%
gnature of Sixth inventor	Date of this assignment
10TOHIRO TERAO	
amc of seventh inventor	Execution date of U.S. Patent Application
Zanagara Tanan	•••
Canagawa, Japan csidence of seventh inventor	
	September 9, 2004
Motohiro Jurao ignature of seventh inventor	September 9, 2004 Date of this assignment
·	
•	
IASAKI HIROSE	
Tame of eighth inventor	Execution date of U.S. Patent Application
(anagawa, Japan	
tesidence of eighthianventor	
Masaki Thisoue ignature of eighth inventor	Soplember 15, 2004 Date of this assignment
ignature of eighth inventor	Date of this assignment
·	•
Tame of ninth inventor	Execution date of U.S. Patent Application
Residence of ninth inventor	· · · · · · · · · · · · · · · · · · ·

PATENT REEL: 015881 FRAME: 0475

Date of this assignment

RECORDED: 10/14/2004

ignature of ninth inventor