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	M PTO-1595 1-92		um cover sheet S ONLY	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To th	ne Commissioner of	101482857	attached original docu	ments or copy thereof.
1.	Name of compariso comp		2. Name and address	of receiving party(ies):
••	Name of conveying party KAZUHITO KURITA, TADAMI MAKOTO SAITO	NAKAMURA, YASUHIRO HABARA and	Name: <u>SONY CORPORA</u> Internal Address:	FION
Additional name(s) of conveying party(ies) attached?			Street Address: 7-35, Kitashinagawa 6-chome, Shinagawa-ku	
3.	Nature of Conveyance:	7-13-2000		Tokyo 141-0001, Japan address(es) attached?
× □	Assignment Security Agreement Other	Merger Change of Name		Yes X No
2000	Execution Date; June and June 15, 2000	9, 2000; June 13, 2000; June 14,		· ·
			· '	
5.	Name and address of pardocument should be mail Name: Charles P. Samm. Internal Address: Lir Street Address: 200 City, State, ZIP: Samm. Telephone: (4	Additional numbers attached?  Additional numbers attached?  Ty to whom correspondence concernited:  Attached & Limbach L.L.P.  Ferry Building Francisco, California 94111  15) 433-4150  15) 433-8716	7. Total fee (37 CFR  Enclosed Charge any c Deposit Accord	oplications and patents involved: 1  3.41):\$ 40.00  deficiencies in the enclosed fee to ount No. 12-1420 e charged to deposit account  umber: 12-1420
		DO NOT US	E THIS SPACE	
9.	Statement and signature To the best of my knowledge  Mayumi Maeda, Reg Name of Pers	and belief, the foregoing information is true  No. 40,075  On Signing	3 Signature	by is a true copy of the original document.  July 10, 2000  Date  Sheet, attachments and document: 3
,	Public burden reporting for the	cd with required cover sheet information to:  Commissioner of Patents and Trademarinis sample cover sheet is estimated to average	about 30 minutes per document	to be recorded, including time for reviewing the ments regarding this burden estimate to the U.S.
<b>E/0</b> 4	Patent and Trademark Office,	Office of Information Systems, PK2-1000C, V.1), Washington, D.C. 20503	Washington, D.C. 20213, and to the	e Office of Management and Budget, Paperwork
1 FI	:561	40.00 @ j		
				Revised: 04/21/9

Docket Number: KOIK-Q9193

## 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>RECORDING AND/OR REPRODUCING APPARATUS EMPLOYING DISC CARTRIDGE</u> 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 141-0001 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: International Serial Number: <u>PCT/JP99/05429</u>. International Filing Date: <u>October 1, 1999</u>.

This assignment executed on the dates indicated below.

Name of first or sole inventor	Execution date of U.S. Patent Application		
Kanagawa Japan Residence of first or sole inventor			
Kazalito Tanto	June 9, 2000		
Signature of first or sole inventor	Date of this assignment		

PATENT

**REEL: 011040 FRAME: 0170** 

TADAMI NAKAMURA	
Name of second inventor	Execution date of U.S. Patent Application
Saitama Japan	
Residence of second inventor	
Tadami Makamura Signature of second inventor	Tune 13, 2000
Signature of second inventor	Date of this assignment
YASUHIRO HABARA	
Name of third inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of third inventor	
Yasuhiro Habura	June 14, 2000
Signature of third inventor	June 14. 2000  Date of this assignment
MAKOTO SAITO	
Name of fourth inventor	Execution date of U.S. Patent Application
Tokvo, Japan	
Residence of fourth inventor	
makoto Saito	June 15.2000
Signature of fourth inventor	Date of this assignment

**RECORDED: 07/10/2000** 

PATENT REEL: 011040 FRAME: 0171