FORM PTO-1595 1-31-92	08-24-1998	U.S. DEPARTMENT OF COMMERCE
		Patent and Trademark Office
7217/56607  To the Honorable Commissioner of Pat		
Name of conveying party(ies):	100799025	nal documents or copy thereof.
		and dadiess of receiving party(les).
Nozomu Ikeda and Akira Ogino  Additional name(s) of conveying party(ies		Name: Sony Corporation
	) attached? Li Yes Lai No	Internal Address: 5
MRD 8-7-88		
3. Nature of Conveyance:		b =
X Assignment	Merger Merger	Street Address: 7-35 Kitashinagawa 6-chome Shinagawa-ku, Tokyo, Japan
Assignment	Wiciget	City State ZIP
Security Agreement	Change of Name	City State ZIP
Other		Additional name(s) & address(es) attached?  Yes X No
Execution Date: July 28 and July 31,		
4. Application number(s) or patent number	er(s);	
	at the state of the	
A. Patent Application No.(s)	in a new application, the execution da	ite of the application is: <u>July 28 and July 31, 1998</u> B. Patent No.(s)
	Additional numbers attached:	Yes 🖾 No
5. Name and address of party to whom c		6. Total number of applications and patents involved:
concerning document should be mailed	;	o. Total number of applications and patents involved.
Name: Toy II Majoli		
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
/17/9994: PSTNIBAC <u>.00000671A4384895 th</u> os	1.11010 s	8. Deposit account number:
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City: New York State: New York	71D 10036	(Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature.	DO NOT USE TI	IIIS SPACE
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Name of Person Signing	Signature Signature	August 7 , 1998  Date
	J.	
		Total Number of pages comprising cover sheet:
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ſ		ompleting and reviewing the sample cover sheet. Send comments e. Office of Information Systems, PK2-1000C, Washington,
		Reduction Project. (0651-0011). Washington, D.C. 20503

PATENT REEL: 9393 FRAME: 0953

Docket	Number:	56607
2000	ridinioci.	

## 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 INFORMATION SIGNAL RECORDING/REPRODUCING SASTEM, INFORMATION SIGNAL RECORDING DEVICE, INFORMATION SIGNAL REPROTICING DEVICE AND INFORMATION SIGNAL RECOGNING PROTESS
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 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;

and address:

Signature of Mrst or sole inventor

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 this application in the spaces that follow: Serial Number:	l in this application to insert the serial number and filing date of Filing Date:
This assignment executed on the dates indicated below.	
ÑOZOMU IKEDA	July 28 1995
Name of first or sole inventor	Execution date of U.S. Patent Application
TOKYO, JAPAN	
Residence of first or sole inventor	:
Pionomic Skeoler	July 28. 1998

REEL: 9393 FRAME: 0954

Date of this assignment

AKIRA OGINO	July 31, 999
Name of second investor	Execution date of U.S. Patent Application
TOKYO, JAPAN	
Residence of second inventor	
Bloom Charles	(a + 1), 111X
Signature of second inventor	Date of this assignment
	. ,
Name of third inventor	Execution date of U.S. Patent Application
Residence of taird lavantor	
Signature of third investor	Date of this assignment
	المستري
Name of fourth investor	Execution date of U.S. Patent Application
Residence of fourth inventor	
Nadia abou 0: 10 a. a. a. rudiu:	
Sizzature of fourth inventor	Date of this assignment
Same of fifth inventor	Execution date of U.S. Patent Application
Residence of Min inventor	

PATENT REEL: 9393 FRAME: 0955