FORM PTO-1595 11-06-1998	O.B. DELIMINATIVE	
1-31-92		l Trademark Of
7217/57277		
To the Honorable Commissioner of Pate 100872893	ocuments or copy thereof.	
1. Name of conveying party(ies):	and address of receiving party(ies):	<del></del>
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Kiyotaka Yamanoi		S
Additional name(s) of conveying party(ies) attached? Yes X No	Name: Sony Corporation Internal Address:	- 500
	Internal reduces.	77
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3. Nature of Conveyance:	Street Address: 7-35 Kitashinagawa 6-chome	
X Assignment	Shinagawa-ku, Tokyo, Japan	
Assignment wireger	C' GTD	
Security Agreement Change of Name	City State ZIP	
	<u> </u>	_
Other	Additional name(s) & address(es) attached? Yes	No No
Execution Date: October 20, 1998	<u></u>	·
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the execution date of		
A. Patent Application No.(s)	B. Patent No.(s)	
09/182792		
01/102/12		
Additional numbers attache	d? Yes X No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	1
concerning document should be mailed:		
Name: Jay H. Maioli		· · · · · · · · · · · · · · · · · · ·
Internal Address: Cooper & Dunham LLP	7. Total fee (37 CFR 3.41):\$ 40.00	-
	m	
	Enclosed Enclosed	
	Authorized to be charged to deposit account	
Street Address: 1185 Avenue of the Americas	8. Deposit account number:	
Street Address. 1165 Avenue of the Americas	6. Deposit account number.	
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the original document is as and		
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Jay H. Maioli  Name of Person Signing  Signature	October 29, 1998  Date	
Name of Ferson (signing)	5	
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PATENT REEL: 9554 FRAME: 0443

Docket	Number:	57277
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## 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 THE PRESENT INVENTION RELATES TO AN IC RECORDING/REPRODUCING APPARATUS 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, Shin gawa-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 Pater t of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority right, 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 pate its 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 reisques 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: \_\_\_\_\_\_, Filing Date:\_\_\_\_\_\_. This assignment executed on the dates indicated below. October 20, 1998
Execution date of U.S. Patent Application KIYOTAKA YAMANOI Name of first or sole inventor KANAGAWA, JAPAN Residence of first or sole inventor Signature of first or sole inventor

> PATENT REEL: 9554 FRAME: 0444

**RECORDED: 10/30/1998**