08-26-2003

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	102534427	emarks. Please record the attac	hed original documents or copy thereof. Name and address of receiving party(ies);		
i	1. Name of conveying party(les).	4.3.03	Name and address of receiving party(les).		
	Yoichiro Sako	4.5.0			
	Takashi Kihara		Name: Sony Corporation Internal Address:		
İ	Toyokazu Noda Mamoru Akita		Internal Address:		
	Takamasa Yamagishi				
}					
ı	Additional name(s) of conveying party(ies) attached? Yes X No				
}			-		
Ì	3. Nature of Conveyance:		Street Address 7.25 Vitarline arms Calcum		
}	▼	Merger	Street Address: 7-35 Kitashinagawa 6-chome Shinagawa-ku, Tokyo, Japan		
-	Assignment	Merger			
]	Security Agreement	Change of Name	City State ZIP		
1	Security Agreement	Change of Name			
	Other		Additional name(s) & address(es) attached? Yes X No		
	Execution Date: February 6, 2003, February 7,	2003,	Additional name(s) & address(es) attached? Larges Additional name(s)		
	February 10, 2003, February 1	2, 2003			
	4. Application number(s) or patent number(s):				
	4. Application number(s) or patent number(s): 10398596				
	If this document is being filed together with a new application, the execution date of the application is February 6, 2003, February 7, 2003,				
	If this document is being fred together with a new	approacion, inconstant and	February 10, 2003, February 12, 2003		
	A. Patent Application No.(s)		B. Patent No.(s)		
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		Additional numbers attached	d? Yes 🔀 No		
	Name and address of party to whom correspond concerning document should be mailed:	lence	6. Total number of applications and patents involved:		
	concerning document should be manea.				
	Name In II Maiali				
	Name: Jay H. Maioli Internal Address: Cooper & Dunham LLP		7. Total fee (37 CFR 3.41):\$ <u>40.00</u>		
			X Enclosed		
			Authorized to be charged to deposit account		
	Street Address: 1185 Avenue of the Americas	<u> </u>	8. Deposit account number:		
			03-3125 (Attach duplicate		
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	Jay H. Maioli, Reg. No.27,213	William	April 3, 2003		
	Name of Person Signing	ignature	Date		
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	of Management and Budget, Paperwork	Reduction Project. (0651-0011).	Washington, D.C. 20503		

PATENT REEL: 014411 FRAME: 0416

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

OPTICAL DISC RECORDING AND/OR PLAYING APPARATUS AND METHOD

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 reference 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 thereof;

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;

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Docket No.

S02P1053US00 SK02PCT136US

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 thereof;

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 Application Number PCT/JP02/08221

International Filing Date Augu	
U.S. Serial Number U.S. Filing Date	
This assignment executed on t	
Yoichiro Sako	February 6, 2003 Date
Yoichiro Sako Name of first or sole inventor	Date
Tokyo, Japan	
Residence of first or sole inventor Signature of first or sole inventor	
Signature of first or sole inventor	Execution date of U.S. Patent Application
Takashi Kihara	February 6, 2003 Date
Takashi Kihara Name of second inventor	Date
Chiba, Japan	
Residence of second inventor	
Talkash: Kihan	
Signature of second inventor	Execution date of U.S. Patent Application
Toyokazu Noda	February 7, 2003
Name of third inventor	Date
Tokyo, Japan	
Tokyo, Japan Residence of third inventor	
Joyokan Noda Signature of third inventor	
Signature of third inventor	Execution date of U.S. Patent Application

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Docket No.			
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SK	02PCT136US		

Mamoru Akita	Fobruary 10, Zou 3
Name of fourth inventor	Date /
Kanagawa, Japan	
Residence of fourth inventor	
Mamorn akita	
Signature of fourth inventor	Execution date of U.S. Patent Application
Takamasa Vamasishi	February 12, 2003
Takamasa Yamagishi Name of fifth inventor	Data Data
Name of firm inventor	Date
Kanagawa, Japan	
Residence of fifth inventor	
Jakamasa Yamagishi	
Signature of fifth inventor	Execution date of U.S. Patent Application

RECORDED: 04/03/2003