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-	To the Honorable Commissioner of Patents and			iginal documents or copy thereof.	
1.	Name of conveying party(ies)	102	421662	receiving party(ies)	
	Shinichiro IIMURA, Shoei KOBAYASHI		Nаme: 7-3	SONY CORPORATION 5 Kitashinagawa 6-chome wa-Ku, Tokyo 141-0001, Japan	
	Additional name(s) of conveying party(ies) attached?  YesX No		Additional name(s) &	address(es) attached?Yes _x_ No	
3.	Nature of conveyance:			0	
_ <u>X</u>	Assignment Security Agreement Merger Change of Name Other			OFFICE OF PUBLIC RECORDS  2003 APR 14 AN 4: 36  FINANCE SECTION  date execution date	
Ex	ecution Date: October 30, 2002			SEC	
4.	Application number(s) or patent number(s):  If this document is being filed together the application is:	a new application, th	e execution date of 8		
	A. USSN 10/275,832 (corresponding to Int'l Patent Ap	plica	tion No.(s) PCT/JP02/	02150 filed March 7, 2002)	
Additional numbers attached? Yes X No					
5.	Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of a patents involved	applications and	
Na	Na le: WILLIAM S. FROMMER			3.41)	
	In ernal Address: FROMMER LAWRENCE & HAUG LLP		Au	closed thorized to be charged to posit account 50-0320	
	i y: NEW YORK State: N.Y. Zip: 10151		8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account)		
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9.	9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.				
	Glenn F. Savit	<i>J:</i> /	brs	April 8, 2003	
45/	Name of Person Signing :	Signa	ture 	Date Total number of pages including cover sheet, attachments, and document: 2	
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## ASSIGNMENT

**WHEREAS**, I, as below named inventors, residing at the addresses stated next to turnames, am scl:inventor (if only one name is listed below) or a joint inventor (if piural names are listed below) a cortain new and useful improvements in

## DISC-SHAPED RECORDING MEDIUM, CUTTING APPARATUS FOR SAME, AND DISC DRIVE

for mich application (or Letters Patent of the United States of America was executed by me on the date industriant to my name and address;

AND WHEREAS, SOMY CORPORATION, a depanese comporation, with office at 7-35, Kitchina awa e-chome, Shinaqawa-ku, Tokyo 141-0001 Japan (hereinafter referred to at ASSIGNAE) is decreased acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Lecture Patent or similar legal protection which may be armitted the for in the United States and in any and all foreign countries;

**NOW THEREFORE,** in consideration of the sum of One Hallar (\$1.00), and other  $q_{\rm tot}$ 1 and whe consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a role or val inventor as indicated below, by these presents do hereby assign, sell and transfer unto the inte 4.51 W.E. its processors, assigns, not legal representatives, the entire right, tible and interest in rid invention, said application, including any divisions and antiquations thereof, and in and to A558 : he at 11 Letters Patent of the United States, and countries foreign thereto, which may be granted if Invention, and in and to any and all priority rights and/or convention rights under the material only Convention for the Proceedian of Industrial Property, unter-American Convention & .aling anv 1.... In'ten of feedigns and Industrial Models, and any other international agreements to which the United sic America adheres, and to any other benefits accruing or to accrue to me with respect to the η complications for patents of recurring of patents in the United States and countries soreign 111 to, and thereby authorize and request the Commissioner of Fatents to issue the said United States to atom to said ASSIGNEE, as the assignee of the whole right, title and interest thereto; 1 1,5 Lat

And I further agree to execute all medessary or desirable and lawful future documents, inclining signments in favor of ASSIGNEE or its resignee, as ASSIGNEE or its successors, assigns and log representatives may from time-to-time present to me and without further renumeration, in order to get at little in said invention, modifications, and improvements in said invention, applications and feel as along of the United States and countries (oreign therets;

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 substitutes of said application for patent, and or, for obtaining any reissue or reissues of any last or patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall bereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all part nent 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 name in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be: if we 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 print number and filing date of this application in the spaces that follow: International Serial Number: <a href="https://example.com/pct/jp02/02150">PCT/JP02/02150</a>, International Filing Date: <a href="mailto:March 07">March 07</a>, 2002.

This assignment executed on the dates indicated below.

Shir	Shil we limura			
Name	of inst or sole inventor	Execution date of U.S. Patent Application		
Cok	, $J$ $\psi$ ar			
	Minichino Limentor	October 30, 2002		
	ture of first or sole inventor	Date of this assignment		
Cho	KCHAYASHI			
Nan-	of resend inventor	Execution date of U.S. Patent Application		
Kanc	awa, Jopan			
Ress	her Kokeyash	October 30, 2002		
: igr	rure of second inventor	Date of this assignment		

RECORDED: 04/14/2003

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