11-04-1998 RECO U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 Patent and Trademark Office 1/31/92 100867992 To the Honorable Commissioner of Patent aginal documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Name: Sony Corporation SHINGO IMANISHI 10-26-98 TOSHIYUKI KASHIWAGI Internal Address:____ MASANOBU YAMAMOTO Additional name(s) of conveying party(ies) attached? □ Yes 3. Nature of conveyance: Street Address: 7-35, Kitashinagawa 6- Chome □ Merger □ Security Agreement □ Change of Name Shinagawa-Ku Other___ City: Tokyo,Japan State: Zip: Execution Date October 12/14/15, 1998 Additional Name(s) & Address(es) attached □ Yes⊠ No 4. Application (number(s) or patent number(s): **09** If this document is being filed together with a new application, the execution date of the application is: Patent Application No.(s) B: Patent No.(s) USSN 09/ 143,054 iled August 28, 1998 Additional numbers attached? □ Yes ☑ No 5. Name and address of party to whom 6. Total number of applications and patents involved correspondence concerning document should be mailed: Hill & Simpson, P.C. ☑ Enclosed 85th Floor Sears Tower □ Authorized to be charged to deposit account any 233 S. Wacker Drive Additional fees Chicago, IL 60606 8. Deposit Account Number: 08-2290 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. John D. Simpson October 21, Name of Person Signing Total number of pages comprising co-Mail documents to be recorded and required cover sheet information to: **Commissioner of Patents and Trademarks Box Assignments** Washington, D.C. 20231

REEL: 9549 FRAME: 0828

Docket	Number:	P98,	1454
2001101	· · · · · · · · · · · · · · · · · · ·	1/0/	

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 RECORDING MEDIUM AND PRODUCTION METHOD OF THE SAME

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, 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: Serial Number: 09/143.054 Filing Date: 8/28/1998.

This assignment executed on the dates indicated below.

SHINGO IMANISHI	October 12, 1998	
Name of first or sole inventor	Execution date of U.S. Patent Application	
KANAGAWA, JAPAN		
Residence of first or sole inventor		
Shingo Cmanishi	October 12, 1998	
Signature of first or sole inventor	Date of this assignment	

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TOSHIYUKI KASHIWAGI	Execution date of U.S. Patent Application	
Name of second inventor	Execution date of O.S. Falent Application	
TOKYO, JAPAN		
Residence of second inventor	D. + 1 11 / 1998	
Joshujuki (Kashumaga Sizzatura of sacoad inventor	October 14/1998	
Signature of second inventor	Date of this assignment	
·		
MASANOBU YAMAMOTO	Oct. 15, 1998	
Name of third inventor	Execution date of U.S. Patent Application	
KANAGAWA, JAPAN		
The state of the s		
Masanolu Jananolo Sizzature of third investor	Oct 15, 1998	
Simple of third investor	Date of this essignment	
3.22.20	·	
•		
	Execution date of U.S. Patent Application	
Name of fourth inventor		
Residence of fourth inventor		
	Date of this assignment	
Signature of fourth inventor	. Date 0: till 2002-000	
Name of Ata levestor	Execution date of U.S. Patent Application	
Residence of Mila inventor		
	·	
Signature of fifth inventor	Date of this essignate.	

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RECORDED: 10/26/1998