Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kouichi YASUDA	09/05/2005
Mitsuaki OYAMADA	09/05/2005
Jun NAKANO	09/09/2005
Norio MITSUI	09/12/2005
Sakuya TAMADA	09/05/2005

RECEIVING PARTY DATA

Name:	SONY CORPORATION
Street Address:	7-35 Kitashinagawa 6-Chome
Internal Address:	Shinagawa-Ku
City:	Tokyo
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10547199

CORRESPONDENCE DATA

500214188

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ATTORNEY DOCKET NUMBER:	075834.00471

NAME OF SUBMITTER: Robert J. Depke

PATENT

REEL: 018815 FRAME: 0750

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Total Attachments: 2 source=471_Assignment#page1.tif source=471_Assignment#page2.tif

PATENT REEL: 018815 FRAME: 0751

Docket Number:	075834 00471	
Docket Ivalliber.	0/3034.004/1	

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

for which an application for Letters Patent of the United States of America was executed by me on the date indicated next to my

for which an 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, do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, the entire right, title and interest in the said invention, said application, including any divisions and continuations as well as any reissues and reexaminations thereof, 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 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:

International Application No.	PCT/IP2004/003116	International Filing Date: March 10, 2004	

This assignment executed on the dates indicated below.

Kouichi YASUDA
Name of first or sole inventor

Execution date of U.S. Patent Application

Tokyo JAPAN
Residence of first or sole inventor

Signature of First or sole inventor

September 5 2005
Date of this Assignment

PATENT REEL: 018815 FRAME: 0752

Mitsuaki OYAMADA	
Name of second inventor	Execution date of U.S. Patent Application
Kanagawa, JAPAN	
Residence of second inventor	
mituali Duando	September 5, 2005
Mitsuaki Oyarada Signature of second inventor	Date of this Assignment
I NIKINO	•
Jun NAKANO Name of third inventor	Execution date of U.S. Patent Application
Tokyo, JAPAN	
Residence of third inventor	
Jun Zakano Signature of third Inventor	September 9th, 2005 Date of this Assignment
Signature of third inventor	Date of this Assignment
- G	
Norio MITSUI	
Name of fourth inventor	Execution date of U.S. Patent Application
Kanagawa, JAPAN	
Residence of fourth inventor	
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Signature of Fourth inventor	Suptember 127h, >005 Date of this Assignment
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Sakuya TAMADA	
Name of lifth inventor	Execution date of U.S. Patent Application
Tokyo, JAPAN	
Residence of fifth inventor	
Signature of fifth inventor	Noptember 5th, 2008
Signature of fifth inventor	Doptember 5th, 2008 Date of this Assignment
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Name of sixth inventor	Execution date of U.S. Patent Application
Residence of sixth inventor	
Signature of sixth inventor	Date of this Assignment
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Name of seventh inventor	Execution date of U.S. Patent Application
Residence of seventh inventor	
Signature of seventh inventor	Date of this Assignment

PATENT REEL: 018815 FRAME: 0753

RECORDED: 01/29/2007