

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Akira Shirakura	03/19/2010
Nobuhiro Kihara	03/31/2010
RECEIVING PARTY DATA	
Name:	Sony Corporation
Street Address:	1-7-1 Konan, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Name:	Sony Disc & Digital Solutions Inc.
Street Address:	1-12 Kitashinagawa, 5-chome
City:	Shinagawa-ku, Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12701242
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	09792909-7873

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**PATENT
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NAME OF SUBMITTER:

David R. Metzger

Total Attachments: 1

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ASSIGNMENT

FOR a valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the undersigned whose mailing address(es) is/are:

- 1) c/o Sony Corporation
1-7-1 Konan, Minato-ku
Tokyo 108-0075, Japan
- and 2) c/o Sony Disc & Digital Solutions Inc.
1-12 Kitashinagawa, 5-chome
Shingagawa-ku, Tokyo, 141-0001, Japan

For: Nobuhiro Kihara For: Akira Shirakura

Hereby sell(s), assign(s) and transfer(s) unto Sony Corporation, a corporation of Japan, having its principal office at 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan, and Sony Disc & Digital Solutions Inc., a corporation of Japan having its principal office at 1-12 Kitashinagawa, 5-chome, Shingagawa-ku, Tokyo, 141-0001, Japan,

the whole right, title and interest in and to a certain invention or improvement in

HOLOGRAM RECORDING MEDIUM

disclosed in an application for Letters Patent of the United States, prepared by the firm of Sonnenschein, Nath & Rosenthal of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. 09792909-7873, and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

I/We hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said Sony Corporation and Sony Disc & Digital Solutions Inc.

For the same consideration, I/we hereby agree that I/we will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

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: 12/701,242 Filing Date: February 5, 2010

DATE: March 19, 2010 Akira Shirakura
AKIRA SHIRAKURA

DATE: March 31, 2010 Nobuhiro Kihara
NOBUHIRO KIHARA