PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takeshi Makita	10/07/2008

RECEIVING PARTY DATA

Name:	Sony Corporation
Street Address:	1-7-1 Konan, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	108-0075

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12263593

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	S1459.70523US00
NAME OF SUBMITTER:	Randy J. Pritzker

Total Attachments: 1

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PATENT REEL: 021776 FRAME: 0507 0.00

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ASSIGNME	INT
only one name is listed below) or a joint inventor (if plural names are DATA RECORDING APPARATUS, METHOD FOR INTERNAL COAND DATA RECORDING SYSTEM	NTROL OF DATA RECORDING APPARATUS,
for which application for Letters Patent of the United States of Americand address;	ca was executed by me on the date indicated next to my name
AND WHEREAS, Sony Corporation, a Japanese Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquaid application disclosing the invention and in, to and under any Letherefor in the United States and in any and all foreign countries;	corporation with offices at 1-7-1 Konan, Minato-Ku, uiring all interest in, to and under said invention, tters Patent or similar legal protection which may be granted
NOW THEREFORE, in consideration of the sum of the receipt and sufficience of which are hereby acknowledged, I, as a hereby assign, sell and transfer unto the said ASSIGNEE, its successor interest in the said invention, said application, including any division. Patent of the United States, and countries foreign thereto, which may brights and/or convention rights under the International Convention for the Relating to Patents, Designs and Industrial Models, and any other intendedness, and to any other benefits accruting or to accrue to me with a patents in the United States and countries foreign thereto, and I hereby said United States Letters Patent to said ASSIGNEE, as the assigneed	rs, assigns, and legal representatives, the entire right, title and and continuations thereof, and in and to any and all Letters e granted for said invention, and in and to any and all priority e Protection of Industrial Property, Inter-American Convention ernational agreements to which the United States of America espect to the filing of applications for patents or securing of authorize and request the Commissioner of Patents to issue the
And I further agree to execute all necessary or desirable and ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns a and without further remuneration, in order to perfect title in said in applications and Letters Patent of the United States and countries fore	vention, modifications, and improvements in said invention,
And I further agree to properly execute and deliver and without papers for application for foreign patents, for filing subdivisions of sereissues of any Letters Patent which may be granted for my aforesaid in prepare at its own expense;	nt further remuneration, such necessary or desirable and lawful and application for patent, and or, for obtaining any reissue or invention, as the ASSIGNEE thereof shall hereafter require and
And I further agree that ASSIGNEE will, upon its request, relating to said application, said invention and said Letters Patent and accessible to me and will testify as to the same in any interference or	be provided promptly with all pertinent facts and documents I legal equivalents in foreign countries as may be known and litigation related thereto;
And I hereby covenant that no assignment, sale, agreement or would conflict with this assignment and sale.	encumbrance has been or will be made or entered into which
And I hereby authorize and request my attorney(s) of record in his application in the spaces that follow: Serial Number: 12	this application to insert the serial number and filing date of 263,593 iling Date: Mov. 3, 2008
This assignment executed on the dates indicated below.	•
Takeshi MAKITA	
Name of first or sole inventor	Execution date of U.S. Patent Application

PATENT REEL: 021776 FRAME: 0508

October 7, 2008

Date of this assignment

RECORDED: 11/03/2008

Kanagawa, Japan

Residence of first or sole inventor

Takeshi Makita Signature of first or sole inventor