orm PTO-4595 (Rev. 09/01)	U.S. DEPARTMENT OF COMMERCE Unded States Patent and <u>Trademark Office</u>
MH No. 0651-0027 (exp. 6/30/2005)  RECORDATION FOR	
PATENTS ONLY  To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
DAISUKE MIYAKOSHI	
ENTISTING MILLIONS	
	Name: SONY CORPORATION
	Internal Address: Street Address:
Execution Date(s): July 15, 2008	1-7-1 Konan, Minato-ku
Additional name(s) of conveying party(ies) attached? Yes x No	Tekyo
3. Nature of Conveyance:	108-0075
x Assignment Merger	JAPAN
Security Agreement Change of Name	City.
<u></u>	
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	Country: Zip:
Other	Additional name(s) & address(es) Yes X No attached:
	This document is being filed together with a new application.
1, 1 th to 1 th 1 th 1 th 1 th 1 th 1 th 1	B Patent No.(s)
A. Patent Application No.(s)	B Patent NO.(S)
12/224,082	
Additional numbers attached	7 Yes X No
. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Dennis M. Smid, Esq.	
LERNER, DAVID, LITTENBERG,	
KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: SONYJP 3.3-1542	Authorized to be charged by credit card
Street Address: 600 South Avenue West	X Authorized to be charged to deposit account
	Enclosed
	None required (government interest not affecting title
City: Westfield	9 Payment Information
- 07000	B. Payment Information     a. Credit Card
State. NJ Zip 07090  Phone Number: (908) 518-6374	Expiration Date
Fax Number: (908) 654-0415	b. Deposit Account Number 12-1095
Email Address: dsmid@ldlkm.com	Authorized User Name Dennis M. Smid, Esq.
). Signature:	The state of the s
Tand IV	*
/ Signature	August 23, 2010  Date
-	
Dennis M. Smid, Esq 34,930 Name of Person Signing	sheet, attachments, and documents.

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PATENT REEL: 024909 FRAME: 0504 LDLKM

→ USPTO ASSIGNMENT 2003/003 :0352597286 # 5/

Docket No.: SONYJP 3.3-1542 Sony Ref. No.: S07P1774US00

## 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:

IMAGE-CAPTURING APPARATUS AND METHOD, RECORDING APPARATUS AND METHOD, AND REPRODUCING APPARATUS AND METHOD

for which an International Application was filed on 18 December 2007, PCT/JP2007/074328, designating the United States,

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 1-7-1, Konan, Minato-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, my 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 tawful 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 remaneration, 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 application number and filing date of this application in the spaces that follow: Application Number: 12/224,089 Filing Date: Application 14, 2008

This assignment executed on the dates indicated below.

Daisuke MTYAKOSHI	
Name of First or Sole Inventor	Execution Date of U.S. Patent Application
Kanazawa, Japan	
Kanazawa, Japan Residence of First or Sole Inventor	a // /** a a
Daisuke Miyakoshi	July 15, 2008
Signature of First or Sole Inventor	Date of this Assignment

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RECORDED: 08/23/2010