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1. Name of conveying party(ies):

id Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) Sony Corporation Internal Address: Street Address: 1-7-1 Konan Minato-Ku, Tokyo 108-0075 **JAPAN** City: State: Zip: Country: Additional name(s) & address(es) attached? x This document is being filed together with a new application. B. Patent No.(s) Yes X 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) Authorized to be charged to deposit account **Enclosed** None required (government interest not affecting title) 8. Payment Information 18-0013 Deposit Account Number Authorized User Name Christopher M. Tobin 10/24/2011 AMULLINS @###56r1400120113317369

Ryotaro Seo (09/30/2011), Tohru Itoh (10/11/2011), Yukihiko Tsukuda (09/30/2011), and Tomoyasu Yamada (09/30/2011) Additional name(s) of conveying party(ies) attached? Yes 3. Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name Change of Name Merger x Assignment Security Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other 4. Application or patent number(s): A. Patent Application No.(s) This application Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed: Christopher M. Tobin Name: RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Dkt.: SON-4900 Street Address: 1233 20th Street, N.W. Suite 501 Washington City: 20036 Zip: State: (202) 955-3750 Phone Number: (202) 955-3751 Fax Number: cmt@raderfishman.com Email Address: 9. Signature: 40.00 DA^{Date} 01 FC:8021 Total number of pages including cover Christopher M. Tobin - 40,290 3 sheet, attachments, and documents:

Name of Person Signing

Attorney Docket No. 80001-4900 SONY Ref. No.: S11P1822US00

ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, 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 IMAGING DEVICE PACKAGE, METHOD OF MANUFACTURING THE IMAGING DEVICE PACKAGE, AND

ELECTRONIC APPARATUS

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 1-7-1 Konan, Minato-ku, Tokyo, Japan (hereinafter referred to 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.

Execution date of U.S. Patent Application
Execution date of U.S. Patent Application
Execution date of U.S. Patent Application
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September 30, 2011
September 30, 2011 Date of this assignment
Execution date of U.S. Patent Application
October 11, 2011
Date of this assignment
Execution date of U.S. Patent Application
September 30, 2011 Date of this assignment

PATENT REEL: 027205 FRAME: 0120

ADDITIONAL INVENTOR(S)

TOMOYASU YAMADA	
Name of fourth inventor	Execution date of U.S. Patent Application
AICHI JAPAN	
Residence of fourth inventor	9 4 /2 30 011
Torroyasu Yamada Signature of fourth inventor	September 70, 20 Date of this assignment
Signature of fourth inventor	Date of this assignment
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Name of fifth inventor	Execution date of U.S. Patent Application
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Residence of fifth inventor	
C'	Data California
Signature of fifth inventor	Date of this assignment
•	•
Name of sixth inventor	Paradia da estro Parada de lindia
Name of sixth inventor	Execution date of U.S. Patent Application
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Signature of sixth inventor	Date of this assignment
Name of seventh inventor	Execution date of U.S. Patent Application
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