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RECORDATION FORM COVER S

PATENTS ONLY

06/15/2011



103627107 To the Director of the U.S. Patent and Trademark Office: Please record the attach. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Katsuhisa Shinmei (06/01/2011), Hiroshi Sony Corporation Name: Yamamoto (06/02/2011), Shingo Nagataki (06/01/2011), and Kenji Wajima (06/01/2011) Internal Address: Additional name(s) of conveying party(ies) attached? Yes Street Address: 3. Nature of conveyance/Execution Date(s): 1-7-1 Konan Minato-Ku, Tokyo Execution Date(s): in parentheses after inventor name 108-0075 **JAPAN** Assignment Merger Change of Name Joint Research Agreement Security Agreement City: Government Interest Assignment State: Executive Order 9424, Confirmatory License Country: Additional name(s) & address(es) Ø X No attached? 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) This application Additional numbers attached? 5. Name and address to whom correspondence 6. Total number of applications and concerning document should be mailed: patents involved: Name: Christopher M. Tobin RADER, FISHMAN & GRAUER PLLC 7. Total fee (37 CFR 1.21(h) & 3.41) 40.00 Internal Address: Atty. Dkt.: SON-4790 Street Address: 1233 20th Street, N.W. Authorized to be charged to deposit account Suite 501 **Enclosed** None required (government interest not affecting title) Washington City: 8. Payment Information 20036 State: Zip: Phone Number: (202) 955-3750 (202) 955-3751 Fax Number: 18-0013 Deposit Account Number cmt@rederfishman.eoin Christopher M. Tobin Email Address: Authorized User Name 9. Signature: 13067518 06/15/2011 HTHAI1 00000000271820171 40.00 DA ate Christopher M. Tobin - 40,290 Total number of pages including cover 3 sheet, attachments, and documents: Name of Person Signing

> PATENT REEL: 026476 FRAME: 0660

Attorney Docket No. 80001-4790 SONY Ref. No.: \$11P0967US00

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

IMAGE PROCESSING APPARATUS, IMAGE TAKING APPARATUS, IMAGE PROCESSING METHOD AND IMAGE PROCESSING PROGRAM

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.

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	
he spaces that follow: Serial Number:	, Filing Date:
This assignment executed on the dates indicated below,	
KATSUHISA SHINMEI	<i>t</i> .
Name of first or sole inventor KANAGAWA JAPAN	Execution date of U.S. Patent Application
Residence of First or sole inventor Xatauhiou Shinmey	June 1, 2011
Signature of first or sole inventor	Date of this assignment
HIROSHI YAMAMOTO	
Name of second inventor CHIBA JAPAN	Execution date of U.S. Patent Application
Residence of second inventor	Jane 2, 2011
Signature of second inventor SHINGO NAGATAKI	Date of this assignment
Name of third inventor KANAGAWA JAPAN	Execution date of U.S. Patent Application
Residence of third inventor Shing NaGa Tak:	June 1, 2011
Signature of third inventor	Date of this assignment

PATENT REEL: 026476 FRAME: 0661

ADDITIONAL INVENTOR(S)

KENJI WAJIMA	
Name of fourth inventor TOKYO JAPAN	Execution date of U.S. Patent Application
Residence of fourth inventor	
Kenji Wajima	June 1, 2011 Date of this assignment
Signature of fourth inventor	Date of this assignment
Name of fifth inventor	Execution date of U.S. Patent Application
Residence of fifth inventor	
Signature of fifth inventor	Date of this assignment
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
Name of eighth inventor	Execution date of U.S. Patent Application
Residence of eighth inventor	
Signature of eighth inventor	Date of this assignment
Name of ninth inventor	Execution date of U.S. Patent Application
Residence of ninth inventor	
Signature of ninth inventor	Date of this assignment

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