U.S. PTO 12/589400 10/22/2009

RECORDATION FORM CO

Form PTO-1595 (Rev. 09/ 04) OMB No. 0651-0027 (exp. 6/30/2005)

10-29-2009



**IMERCE** ark Office

PATENTS	ON 103579135
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.
1. Name of conveying party(ies)/Execution Date(s): MIHO AKITA (10/19/2009), KAZUYUKI MARUKAWA (10/16/2009), AND SHO TANAKA (10/19/2009)	2. Name and address of receiving party(ies)
TANAKA (10/19/2009)	Name: SONY CORPORATION
	Internal Address:
Execution Date(s): in parentheses after inventor name	Street Address:
Additional name(s) of conveying party(ies) attached? Yes X No	1-7-1 Konan, Minato-ku
3. Nature of Conveyance:	Tokyo 108-0075
x Assignment Merger	JAPAN
Security Agreement Change of Name	Cib.:
Government Interest Assignment	City:
Executive Order 9424, Confirmatory License	State:
•	Country: Zip:  Additional name(s) & address(es) Yes Y No
Other	attached:  Additional name(s) & address(es)  Yes X No
4. Application or patent number(s):	his document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
17 589 400	
Additional numbers attached?	Yes X No
5. 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 3.0-2056	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	8. Payment Information
State: NJ Zip: 07090	a. Credit Card Last 4 Numbers
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.
9. Signature: O M.	October 22, 2009
Signature	Date
Dennis M. Smid, Esq 34,930  Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

Attorney Docket No.
SONY Ref. No.: S09P2165US00

## **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 APPARATUS AND DISPLAY CONTROL METHOD IN IMAGING 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.

And I hereby authorize and request my attorney(s) of record in the spaces that follow: Serial Number:	his application to insert the serial number and filing date of this application in, Filing Date:
This assignment executed on the dates indicated below.	
MIHO AKITA	
Name of first or sole inventor TOKYO JAPAN	Execution date of U.S. Patent Application
Residence of First or sole inventor	
miho Sketa	Date of this assignment
Signature of first or sole inventor	Date of this assignment
KAZUYUKI MARUKAWA	
Name of second inventor	Execution date of U.S. Patent Application
KANAGAWA JAPAN	••
Residence of second inventor	·
Signature of second inventor	Date of this assignment
SHO TANAKA	
Name of third inventor	Execution date of U.S. Patent Application
TOKYO JAPAN	
Residence of third inventor	
Signature of third inventor	Date of this assignment

Attorney Docket No. SONY Ref. No.: S09P2165US00

## 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 lister below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

IMAGING APPARATUS AND DISPLAY CONTROL METHOD IN IMAGING 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 (hereinafte referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, t 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 it designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without furthe remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of th 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 fo application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letter 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:	
This assignment executed on the dates indicated below.	
MIHO AKITA	
Name of first or sole inventor TOKYO JAPAN	Execution date of U.S. Patent Application
Residence of First or sole inventor	
Signature of first or sole inventor	Date of this assignment
KAZUYUKI MARUKAWA	
Name of second inventor KANAGAWA JAPAN	Execution date of U.S. Patent Application
Residence of second inventor Kazuyuki Marubawa	October 16, 2009
Signature of second inventor	Date of this assignment
SHO TANAKA	
Name of third inventor TOKYO JAPAN	Execution date of U.S. Patent Application
Residence of third inventor	October 19, 2005
Signature of third inventor	Date of this assignment

1

PATENT REEL: 023441 FRAME: 0962

**RECORDED: 10/22/2009**