orm PTO-1595 (Rev. 09/ 04) DMB No. 0651-0027 (exp. 5/30/2005)	United States Patent and Trademark Office	
MB No. 0651-0027 (axp. 5/30/2005) RECORDATION FORM	M COVER SHEET	
PATENTS ONLY		
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	2. Name and address of receiving party(ies)	
1. Name of conveying party(les)/Execution Date(s):	12. Name and address of tossiving paragraph	
MIWAKO FUJIKI		
	Name: SONY CORPORATION	
	Internal Address:	
Execution Date(s): November 18, 2009	Street Address:	
Additional name(s) of conveying party(les) attached? Yes X No	1-7-1 Konan, Minato-ku	
	Tokyo 108-0075	
3. Nature of Conveyance: Merger Merger	JAPAN	
Assignment		
Security Agreement Change of Name	City:	
Government Interest Assignment	State:	
Executive Order 9424, Confirmatory License	Country:Zip:	
	Additional name(s) & address(as) Yes X No	
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)	
12/586,446		
Additional numbers attached	? Yes <u>x</u> No	
5. Name and address to whom correspondence	6. Total number of applications and	
concerning document should be mailed:	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	
KINDIAN IOEZ A MENY ENGLES	<u> </u>	
	Authorized to be charged by credit card	
Internal Address: Atty. Dkt.: SONYJP 3.0-2004		
Street Address: 600 South Avenue West	X Authorized to be charged to deposit account	
Sileer Address. 000 Sodii i Avende vicor		
	Enclosed	
	None required (government interest not affecting title	
144 (# 11	o B	
City: Westfield	B. Payment Information a. Credit Card	
/009) 519 6374	Expiration Date	
/000\ CE4 041E	b. Deposit Account Number 12-1095	
demid@ldlkm.com	Authorized User Name Dennis M. Smid, Esq.	
9. Signature:	December 3, 2009	
-	December 5, 2005	
Signature	Date	
Signature Dennis M. Smid, Esq 34,930	Total number of pages including cover sheet, attachments, and documents:	

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PATENT REEL: 023604 FRAME: 0655

Docket No.: SONYJP 3.0-2004 Sony Ref. No.: S09P1551US00

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:

DISPLAY CONTROL DEVICE, DISPLAY CONTROL METHOD, AND 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 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 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 application number and filing date of this application in the spaces that follow: Application Number: 12/586,446; Filing Date: September 22, 2009.

This assignment executed on the dates indicated below.

Takeo INAGAKI	Execution Date of U.S. Patent Application
Name of First or Sole Inventor	Execution 241-11-11
Tokyo, Japa <u>n</u>	
Residence of First or Sole Inventor	
Signature of First or Sole Inventor	Date of this Assignment

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PATENT REEL: 023604 FRAME: 0656

Docket No.: SONYJP 3.0-2004 Sony Ref. No.: S09P1551US00

Page 2

Gen FUJIKI (Deceased)	Execution Date of U.S. Patent Application
Name of Second Joint Inventor	Execution Date of Class and Transfer
Tokyo, Japan	
Residence of Second Joint Inventor	
Signature of Second Joint Inventor	Date of this Assignment
Yoshihiro NAKANISHI Name of Third Joint Inventor	Execution Date of U.S. Patent Application
Tokyo, Japan Residence of Third Joint Inventor	
Signature of Third Joint Inventor	Date of this Assignment
Tsukasa YOSHIMURA Name of Fourth Joint Inventor	Execution Date of U.S. Patent Application
Tokyo, Japan Residence of Fourth Joint Inventor	
Signature of Fourth Joint Inventor	Date of this Assignment
Miwako FUJIKI Name of Legal Representative of the Estate of Gen Fujiki	Execution Date of U.S. Patent Application
Tokyo, Japan Residence of Legal Representative of the Estate of Gen Fujiki	
minoko Fryski	november 18. 2009
Signature of Legal Representative of the Estate of Gen Fujiki	Date of this Assignment

RECORDED: 12/03/2009

PATENT REEL: 023604 FRAME: 0657