U.S. PTO 12/385689 04/16/2009

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OMB No. 0651-0027 (exp. 03/31/2009)

Christopher M. Tobin - 40,290

Ronald P. Kananen – 24,104

Name of Person Signing

PATENT

PATENTS ON 103558229				
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): Takao Tanikame (04/03/2009) and Seiichiro Jinta (03/30/2009) Additional name(s) of conveying party(les) attached? Yes X No 3. Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name X Assignment Merger Change of Name Security Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other	2. Name and address of receiving party(ies) Name: Sony Corporation Internal Address: Street Address: 1-7-1 Konan Minato-Ku, Tokyo 108-0075 JAPAN City: State: Country: Zip: Additional name(s) & address(es) Yes X No			
4. Application or patent number(s): A. Patent Application No.(s) This application Additional numbers attached?	his document is being filed together with a new application. B. Patent No.(s) Yes X No			
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Christopher M. Tobin RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Dkt.: SON-4199 Street Address: 1233 20th Street, N.W. Suite 501	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)			
City: Washington State: DC zip: 20036 Phone Number: (202) 955-3750	8. Payment Information			
Fax Number: (202) 955-3751 Email Address: cmt@raderfishman.com	Deposit Account Number 18-0013 Authorized User Name Christopher M. Tobin			

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sheet, attachments, and documents:

April 16, 2009 Date

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	ASSIGNMENT
	WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in DISPLAY APPARATUS AND DISPLAY-APPARATUS DRIVING METHOD
,	for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my rand 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 gratherefor 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 receipt and sufficience of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these present hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Le Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priciples and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convented to Patents, Designs and Industrial Models, and any other international agreements to which the United States of American adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue 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 a ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from tim and without further remuneration, in order to perfect title in said invention, modifications, and improvem 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 lar papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissure reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require prepare at its own expense;
And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may 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 w 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 dath this application in the spaces that follow: Serial Number:, Filing Date:
	This assignment executed on the dates indicated below.
	Takao TANIKAME
ì	Name of first or sole inventor Execution date of U.S. Patent Applica
	Kanagawa, Japan
7	Residence of first or sole inventor
4	Takan Tarikaran Advil 3 2009
	Indiana Incidentina

Signature of first or sole inventor

PATENT REEL: 022606 FRAME: 0775

Date of this assign:

Seiichiro JINTA	
Name of second inventor	Execution date of U.S. Patent Applicati
Aichi, Japan	•
Residence of second inventor	·
sleichiro Jinta	March 30. 2009
Signature of second inventor	Date of this assignme
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Name of third inventor	Execution date of U.S. Patent Application
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Ronald P. Kananen – 24,104

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