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1. Name of conveying party(les)/Execution Date(s): SHUSUKE ESHITA (02/22/2008), HAJIME OGURA (02/22/2008), HIROTAKA TAKO (03/07/2008), WATARU TAJIKA (02/28/2008),	Name: SONY CORPORATION			
Execution Date(s): in parentheses after Inventor name  Additional name(s) of conveying party(les) attached? X Yes No  3. Nature of Conveyance:  X Assignment Merger  Security Agreement Change of Name  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other	Street Address:  1-7-1 Konan, Minato-ku Tokyo 108-0075 JAPAN City:			
4. Application or patent number(s):  A. Patent Application No.(s)  12/151,616	This document is being filed together with a new application.  B. Patent No.(\$)			
Additional numbers attached  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.:	Authorized to be charged by credit card			
Street Address: 600 South Avenue West	Authorized to be charged to deposit account     Enclosed     None required (government interest not affecting title)			
City:         Westfield           State:         NJ         Zip:         07090           Phone Number:         (908) 518-6374           Fax Number:         (908) 654-0415           Email Address:         dsmid@ldlkm.com	8. Payment Information  a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number 12-1095 Authorized User Name Dennis M. Smid, Esq.			
9. Signature:	July 21, 2008			
Com. K				
Dennis M. Smid, Esq 34,930  Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:			

**PATENT REEL: 021269 FRAME: 0828** 

Docket No.:

Additional numbers attached?

Yes

7/21/2008 17:06 FAX 1 <u>9086547866</u>	www.ldlkm.com	→ USPTO ASSIGNMENT 2004
		\$08P0799U\$00 \$0NYJP 3.0-1629
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	ASSIGNMENT	
by one name is listed below) or a joint invento		ress stated next to my name, am a sole inventor (if ow) of certain new and useful improvements in
- amakus mon TMACR IIISPLAI DAVISH		
and address.		cuted by me on the date indicated next to my name
AND WHEREAS, Sony Cor Tokyo, Japan (hereinafter referenced as ASSIGN said application disclosing the invention and in	to and under any Letters Patent foreign countries;	
the receipt and sufficience of which are never hereby assign, sell and transfer unto the said AS interest in the said invention, said application, interest in the United States, and countries foreign rights under the Internation of the United States, and Industrial Mo	action leaged, it, as successors, assigns, including any divisions and cont in thereto, which may be granted tional Convention for the Protection dels, and any other international to accrue to me with respect to	for said invention, and in and to any and all priority for said invention, and in and to any and all priority on of Industrial Property, Inter-American Convention agreements to which the United States of America the filing of applications for patents or securing of and request the Commissioner of Patents to issue the
And I further agree to execute all neo ASSIGNEE or its designee, as ASSIGNEE or it and without further remuneration, in order to	essary or desirable and lawful fi its successors, assigns and legal r perfect title in said invention, r tates and countries foreign theret	future documents, including assignments in later of representatives may from time-to-time present to me modifications, and improvements in said invention, to;
And I further agree to properly execute papers for application for foreign patents, for freissues of any Letters Patent which may be grant to the page appears?	e and deliver and without further filing subdivisions of said applicanted for my aforesaid invention,	remuneration, such necessary or desirable and lawful cation for patent, and or, for obtaining any reissue or as the ASSIGNEE thereof shall hereafter require and
And I further agree that ASSIGNEE relating to said application, said invention and	e in any interference or litigation	ded promptly with all pertinent facts and documents quivalents in foreign countries as may be known and n related thereto;
And I hereby covenant that no assign	ment, sale, agreement or encumb	grance has been or will be made or entered this which
And I hereby authorize and request m this application in the spaces that follow: Set		oplication to insert the serial number and filing date of the filing Date: <u>May 8, 2008</u> .

This assignment executed on the dates indicated below.

Shusuke ESHITA

Tokyo, Japan Residence of first or sole inventor

Signature of first or sole inventor

Name of first or sole inventor

, 241 ... 4

Execution date of U.S. Patent Application

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Residence of second inventor	Date of this assignment
Signature of second inventor	Date of this assignment
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Signature of third inventor	Date of this assignment
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Signature of fifth inventor	Date of this assignment

PATENT REEL: 021269 FRAME: 0831

S08P0799US00

Ichiro FUNAKOSHI	Execution date of U.S. Patent Application
Name of sixth inventor	Execution date of O.S. I atent Application
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Residence of sixth inventor  Low Jurna hoshi  Single Property Commander of Sixth inventor	Lebuary 25, 2008.  Date of this assignment
Signature of sixth inventor	Date of this assignment
Name of seventh inventor	Execution date of U.S. Patent Application
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Residence of seventh inventor	
Signature of seventh inventor	Date of this assignment
Name of eighth inventor	Execution date of U.S. Patent Application
Name of eighth inventor	<u></u>
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

**RECORDED: 07/21/2008** 

**PATENT REEL: 021269 FRAME: 0832**