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09-19-2006

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	Name: Sony Corporation	
Additional name(s) of conveying party(ies) attached?	Internal Address: Street Address:	
3. Nature of conveyance/Execution Date(s):		
Execution Date(s): June 28, 2006	6-7-35 Kitashinagawa Shinagawa-Ku,	
X Assignment Merger Change of Name	Jimagawa-Nu,	
Security Agreement Joint Research Agreement		
	City: Tokyo	
Government Interest Assignment	State:	
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Other	Additional name(s) & address(es) Yes X No attached?	
Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed:	Yes X No 6. Total number of applications and patents involved:	
Name: RADER, FISHMAN & GRAUER PLLC		
	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: Atty. Dkt.: SDE-1990 Street Address: 1233 20th Street, N.W.	Authorized to be charged by credit card	
Suite 501	X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)	
City: Washington	8. Payment Information	
State: DC Zip: 20036	a. Credit Card Last 4 Numbers	
Phone Number: (202) 955-3750	Expiration Date	
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Email Address:	Authorized User Name Toshikatsu Imaizumi	
9. Signature: Signature Tochikatsu Impirumi I 0046	September 14, 2006 Date	
Toshikatsu Imaizumi - L0046 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 3	

09/18/2006 MJAMA1 00000025 180013 29262094 01 FC:8021 40.00 DA

Name of Person Signing

REEL: 018304 FRAME: 0979

Docket Number: SDE-1990

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

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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 6-7-35 **Kitashinagawa**, **Shinagawa-ku**, **Tokyo**, **JAPAN**, (hereinafter referenced as ASSIGNEES) 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 Ten Dollar (\$10.00), 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 ASSIGNEES, 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 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 ASSIGNEES, 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 ASSIGNEES or its designee, as ASSIGNEES 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;

RECORDED: 09/14/2006

PATENT REEL: 018304 FRAME: 0980