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11/658321

U.S. Department of Commerce

Pate	nt and Trademark Of	TICE
Atty.	Docket No. 09812.00	340-0000 0
Attv.	Customer Number:	22.852

\wedge	To the Director of the U.S. Patents and Tragemarks Office: Please record the attached original documents or copy thereof.				
9	Name of conveying party(ies):	Name and address of receiving party(ies):			
0-hc	Noboru MURABAYASHI Hiroshige OKAMOTO Masaru MIYAMOTO	Name: SONY CORPORATION			
7	Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Internal Address:			
	Nature of conveyance/Execution Date(s): Execution Dates(s) <u>December 8, 2006</u>	Street Address: 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 JAPAN			
	Assignment	City:			
	☐ Security Agreement ☐ Change of Name	State: Zip Code:			
	Joint Research Agreement	Additional agency (a) (b) (b) (c)			
	Government Interest Assignment	Additional name(s) & Address(es) attached?			
	☐ Executive Order 9424, Confirmatory License	☐ Yes			
	Other				
•	4. Application number(s) or patent number(s):				
	A. Patent Application Number(s):	B. Patent Number(s):			
	11/658321				
	Additional numbers attached?	☐ Yes			
	5. Name and address of to whom correspondence concerning document should be mailed:	6. Total number of applications and registrations involved: One (1)			
	Name: Mr. Ernest F. Chapman	7. Total fee (37 CFR 3.41): \$40			
		Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed (Please charge deficiency to deposit account)			
		None required (government interest not affecting title)			
	Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.	8. Payment Information			
	Street Address: 901 New York Avenue, NW	a. Credit Card Last 4 Numbers Expiration Date			
	City: Washington, D.C.	b. Deposit Account No.: 06-0916			
	State: Zip: 20001-4413	Authorized User Name			
	8. Statement and signature.				
	To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the o document.				
		97 FC:8021 40.00 OP			
	David W. Hill, Reg. No. 28,220	January 24, 2007			
	Typed Name of Signor Signa				
	Total number of pages including cover sheet, attachments and documents: Three (3)				

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, PO box 1450, Alexandria, VA 22313-1450

FPD/acd

1/658321 IAP8 Mee'd PCT/PTO 24 JAN 2007

JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

INFORMATION SIGNAL PROCESSING METHOD AND APPARATUS, AND COMPUTER PROGRAM PRODUCT

for which we executed an application for United States Letters Patent concurrently herewith or on or filed an application for United States Letters Patent on (Application No.); and

WHEREAS, SONY CORPORATION, a corporation of Japan, whose post office address is 7–35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 JAPAN (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. PCT/JP2005/014598, filed 9 August, 2005) the filing date and application number of said application when known.

PATENT REEL: 018871 FRAME: 0937

	Attorney Docket No.:	
IN TE	STIMONY WHEREOF, we have hereunto set our hands.	
First Assign	nor Noboru MURABAYASHI	
Address: c/o 141-0001 JA	Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo PAN	
Citizenship:	Japan	
Signature:	noboru Murabayashi	
Date:	<u>Pecember 8, 2006</u>	
Second Ass	ignor Hiroshige OKAMOTO	
Address: c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 JAPAN		
Citizenship:	Japan	
Signature:	Viraslize Okamoto	
Date:	Diraslize Okamoto Decamber 8. 2006	
Third Assignor Masaru MIYAMOTO		
Address: c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 JAPAN		

Citizenship: Japan

Masaru miyamote December 8, 2006 Signature:

Date:

PATENT RECORDED: 01/24/2007 REEL: 018871 FRAME: 0938