m PTO-1595 (Rev. 09/ 04) B No. 0851-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RECORDATION FOR	
PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
KEI MATSUBAYASHI	
KEI MATSOBITITION	
	Name: SONY CORPORATION
	Name: SON1 CORTOR TOTAL
	Straet Address:
Execution Date(s): June 30, 2008 Yes X No	
Additional name(s) of conveying party(ies) attached? Yes X No	1-7-1 Konan, Minato-ku Tokyo 108-0075
3. Nature of Conveyance:	JAPAN
x Assignment Merger	
Security Agreement Change of Name	City:
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	Country:Zip:
Other	Additional name(s) & address(es) Yes X No
	attached:
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)
11/990.901	
Additional numbers attached	d? Yes X No
. Name and address to whom correspondence	6. Total number of applications and
concerning document should be mailed:	patents involved:
Name: Bruno Polito, Esq. LERNER, DAVID, LITTENBERG,	
KRUMHOLŽ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address: Atty. Dkt.: SONYJP 3.3-1401	Authorized to be charged by credit card
Street Address: 600 South Avenue West	X Authorized to be charged to deposit account
	Enclosed
	None required (government interest not affecting til
	None required (government interest not an econg to
City: Westfield	8 Payment information
State: NJ Zip: 07090	a. Credit Card Last 4 Numbers
Phone Number: (08) 518-6386	Expiration Date
Fax Number: (908) 654-0415	b. Deposit Account Number 12-1095
Email Address: bpolito@ldlkm.com	Authorized User Name Bruno Polito, Esq.
9. Signature:	
See /	April 23, 2009
Signature	Date
Bruno Polito, Esq 38,580	Total number of pages including cover 2 sheet, attachments, and documents:
Name of Person Signing	

1008076 1.DOC

PATENT REEL: 022591 FRAME: 0218

Docket No.: SONYJP 3.3-1401 Sony Ref. No.: S07P0862US00

ASSIGNMENT

LDLKM

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:

PLAYBACK APPARATUS, METHOD, AND PROGRAM

for which an International Application was filed on 22 June 2007, PCT/JP2007/062568, designating the United States;

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 assignce 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 and filing date of this application in the spaces that follow	: Application Number:; Filing Date:
This assignment executed on the dates in	adicated below.
Kei MATSUBAYASHI Name of First or Sole Inventor	Execution Date of U.S. Patent Application
Kanagawa, Japan Residence of First or Sole Inventor	7. 30 9 con Q
(Cr (lalmpayash)	Date of this Assignment

851633_LDOC

Signature of First or Sole Inventor

RECORDED: 04/23/2009

PATENT REEL: 022591 FRAME: 0219