Form PTO-1595 (Rev. 03-11) OMB No. 0851-0027 (exp. 03/31/2015)	U.S. DEPARTMENT OF COMI United Stetes Patent and T <u>rademer</u>	
RECORDATION FOL		
PATENTS ONLY		
To the Director of the U.S. Pelent and Trademark Office: Please record the attached documents or the new address(es) below.		
1. Name of conveying party(les):	2. Name and address of receiving party(les)	
Yoshio Ochiai (05/30/2001), Yasufumi Shinagawa (05/31/2001), and Koni Saito (05/31/2001)	Name: Sony Corporation	
Additional name(s) of conveying party(les) attached?	Internal Address:Street Address:	
3. Nature of conveyence/Execution Date(s):	1-7-1 Konan, Minato-ku	
Execution Date(s): in parentheses after Inventor name X Assignment Merger Change of Name	Tokyo 108-0075 JAPAN	
Security Agreement Joint Research Agreement	City:	
Government Interest Assignment	State:	Bubbbannan.
Executive Order 9424, Confirmatory License	Country: Zip:	
Other	Additional name(s) & address(es) Yes X N attached?	0
13/718,068 Additional numbers attached	17 Yes X No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Lawrence E. Russ LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: Atty. Dkt.: Street Address: 600 South Avenue West	Authorized to be charged to deposit account Enclosed None required (government interest not affecting	ng title)
City: Westfield	8. Payment Information	
State: NJ Zip: 07090	_	
Phone Number: 908-654-5000	-	
Fax Number; 908-654-7866	Deposit Account Number 12-1095 Authorized User Name Lawrence E. Russ	
Email Address: ataylor@ldlkm.com		
9. Signatures & The	February 7, 2013	
Signature Lawrence E. Russ - 35,342	Total number of pages including cover	
Name of Person Signing	sheet, attachments, and documents:	3

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PATENT REEL: 029770 FRAME: 0423

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801P0405US00 Docket Number 7217/64049

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 INFORMATION PLAYBACK APPARATUS AND ELECTRONIC POP ADVERTISING APPARATUS 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 at6-7-35 Kitashinagawa, Shinagawa-Ku, Tokyo, Japan (hereinafter reference as ASSIGNES) 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, 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 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 bemefits 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 hareby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNES, as the assignes 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 parfect title in said invention, modifications, and improvements in said invention, applications and betters Patent of the United States and countries foreign thereof;

And I further agree to properly execute and deliver and without further remumeration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining patents, for filing subdivisions of said application for patent, and or, for obtaining patents, for filing subdivisions of said application for patent, and or, for obtaining patents, for filing subdivisions of said application for patent, and or, for obtaining patents, for filing subdivisions of said application for patent, and or, for obtaining patents, and or reissues of any Letters Patent which may be granted for my aforesaid any reissue or reissues of any Letters Patent which may be granted for my aforesaid any reissue or reissues of any Letters Patent which may be granted for my aforesaid any reissue or reissues of any Letters Patent which may be granted for my aforesaid any reissue or reissues of any Letters Patent which may be granted for my aforesaid any reissue or reissues of any Letters Patent which may be granted for my aforesaid any reissue or reissues of any Letters Patent which may be granted for my aforesaid any reissue or reissues of any Letters Patent which may be granted for my aforesaid.

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 thereof;

And I hereby covenant that no assignment, sale, agreement or encombrance has been or will be made or entered into which 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 date of this application in the spaces that follow: Serial Number 09/810.014 Filing Date 3/16/01

PATENT REEL: 029770 FRAME: 0424

\$01P0405U800

This assignment executed on the dates indicated below.

Yoshio Ochial	Execution date of U.S. Patent Application
Name of first or sole inventor	
Saitama. Japan	
Residence of first or sole inventor	May 30,200 1
Signature of first or sole inventor	Date of this assignment
Yasufumi Shinasawa	Execution date of U.S. Patent Application
Name of second inventor	EXECUTION DATE OF CO.
Saitama. Japan Residence of second inventor Manufactural Minne	Laganh May 3/, 200/ Date of this assignment
signature of second inventor	Date of this assignment
Name of third inventor	Execution date of U.S. Patent Application
Tokyo, Japan Residence of third inventor	ito May 31. 200 (
signature of third inventor	Date of this assignment

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PATENT REEL: 029770 FRAME: 0425

RECORDED: 02/07/2013