m PTO-1595 (Rev. 09/ 04)	U.S. DEPARTMENT OF COMMERCE United States Patent and Tradem <u>ark</u> Office		
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		1. Name of conveying party(les)/Execution Date(s):	2. Name and address of receiving party(ies)
		MASARU MIYAMOTO	
	Name: SONY CORPORATION		
	Internal Address:		
Execution Date(s): October 20, 2004	Street Address:		
Additional name(s) of conveying party(les) attached? Yes X No	1-7-1 Konan, Minato-ku		
3. Nature of Conveyance:	Tokyo 108-0075		
x Assignment Merger	JAPAN		
Security Agreement Change of Name	City:		
Government Interest Assignment	State:		
Executive Order 9424, Confirmatory License	Country: Zip:		
	Additional name(s) & address(es) Yes X No		
Other	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)		
11/981,879			
Additional numbers attached	7 Yes X No		
. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
Name: Bruno Polito			
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MÉNTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
KRUMHOLZ & MENTLIN, LEF	7. 10(6) 126 (0) 0) 12. ((1) 0 2. (1)		
	Authorized to be charged by credit card		
Internal Address: Atty. Dkt.: SONYJP 3.0-400 DIV			
Street Address: 600 South Avenue West	X Authorized to be charged to deposit account		
	Enclosed		
	None required (government Interest not affecting title		
City: Westfield	8. Payment Information		
City: Westnerd State: NJ Zip: 07090	a. Credit Card Last 4 Numbers		
Phone Number: (908) 518-6386	Expiration Date		
Fax Number:(908) 654-0415	b. Deposit Account Number 12-1095 Authorized User Name		
Email Address:	Annonized Ostri Manie		
9. Signature:			
<u>po</u>			
Signature			
Bruno Polito - 38,580 Name of Person Signing	Total number of pages including cover 2 sheet, attachments, and documents:		

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PATENT REEL: 022914 FRAME: 0379

S04P1118US00

Docket Number:	SONYJÞ	3.0-40
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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 DIGITAL TRANSMISSION SYSTEM AND CLOCK REPRODUCING DEVICE

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 7-35 Kitashinagawa 6-Chome, Shinagawa-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, 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 benefits accruing or to accrue to me with respect to the filling 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 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 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 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: 10/910,908 ______, Filing Date: AUGUST 4, 2004 _____.

This assignment executed on the dates indicated below.

This assignment excepted on the agent managed by		
Masaru MIYAMOTO		
Name of first or sole inventor	Execution date of U.S. Patent Application	
Tokyo, Japan		
Residence of first or sole inventor		
masara mingomoto	October 20, 2004	
Signature of first or sole inventor	Date of this assignment	

PATENT REEL: 022914 FRAME: 0380

RECORDED: 07/06/2009