	RECORDATION F	ORM COVER SHEET
		TS ONLY
To the Director of the U.		ase record the attached documents or the new address(es) below.
1. Name of conveying	party(les)/Execution Date(s):	2. Name and address for the new address(es) below.
HIROSHIGE OKA	MOTO	2. Name and address of receiving party(les)
		1
		Name: SONY CORPORATION Internal Address:
Execution Date(s): May 20, 2002		Street Address:
Additional name(s) of conveying party(les) attached? Yes X No		_
3. Nature of Conveyance	<del></del> <u></u>	-   Tokyo
X Assignment	Merger	108-0075
Security Agreement		JAPAN
Government Interest Assignment		City;
Executive Order 9424. Confirmatory License		Slate:
Other		Country: Zip:
		Additional name(s) & address(es) Yes X No
12/586,756	Additional numbers attached	B. Patent No.(s)
Name and address to wh		— <u> </u>
Name and address to whom correspondence concerning document should be mailed:  Same: Bruno Polito LERNER, DAVID, LITTENBERG,		6. Total number of applications and patents involved;
KRUME	OLZ & MENTLIK, LLP	7 Total foo /27 CED 4 04/33 0 0 40 0
	, <b>,</b> ,	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
ernal Address: Atty. Dkt.:	SONYJP 3.0-243 CON CON	Authorized to be charged by credit card
		to be charged by credit card
treet Address: 600 South Avenue West		X Authorized to be charged to deposit account
		Enclosed
	144	None required (government interest not affecting title)
y: te: NJ	Westfield	8. Payment Information
te:NJ one Number:	Zip: <u>07090</u> (908) 518-6386	a. Credit Card Last 4 Numbers
Number:	(908) 654-0415	Expiration Date
	bpolito@ldlkm.com	b. Deposit Account Number 12-1095 Authorized User Name Bruno Polito
gnature:		Bruito Polito
H		
	Signature	October 19, 2009
Br	<u>uno Po</u> lito <u>-</u> 38,580	Date Total number of pages including gover
Nim	me of Person Signing	sheet, attachments, and documents: 2

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**PATENT REEL: 023396 FRAME: 0242** 

700420846

Docket Number: \$ONYJP 3.0-243 Sony Ref. No.: \$02P0324US00

## ASSIGNMEN F

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 TRANSMITTING APPARATUS AND METHOD, INFORMATION RECEIVING APPARATUS AND METHOD, INFORMATION TRANSMITTING AND RECEIVING SYSTEM AND METHOD, RECORDING MEDIUM AND PROGRAM

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 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 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 remuncration, 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 application number and filing date of this application in the spaces that follow: Application Number: 10/095,848, Filing Date: March 12, 2002

This assignment executed on the dates indicated below.

Hiroshige Okamoto	
Name of First or Sole Inventor	Execution Date of U.S. Patent Application
Kanagawa, Japan	
Residence of First or Sole Inventor	
Hiroshige Okamoto Signature of First or Sole Inventor	May 20, 2002
Gignature of Pirst of Sole Inventor	Date of this Assignment

PATENT REEL: 023396 FRAME: 0243

**RECORDED: 10/20/2009**