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U.S. DEPARTMENT OF COMMERCE 1-31-92			Patent and Trademark Of
7217/57720  To the Honorable Commissioner of Patents and T	100986547	7	2
Name of conveying party(ies):	100000	Name and address of receiving party	(ies):
, ,		Traine and address of root, ring party	52 52
Kazuyuki Sakoda & Mitsuhiro Suzuki Additional name(s) of conveying party(ies) attach		Name: Sony Corporation	500
Additional name(s) of conveying party(les) attach	ned? LI Yes LEE No	Internal Address:	
	į		7.
3. Nature of Conveyance:			
[항		Street Address: 7-35 Kitashinagawa 6-4 Shinagawa-ku, Tokyo, Japan	
X Assignment	Merger		
Security Agreement	Change of Name	City State ZIF	<u> </u>
Execution Date: January 14 & 18, 1999	<del></del>	Additional name(s) & address(es) attack	hed? Yes X No
4. Application number(s) or patent number(s):			Wife
If this document is being filed together with a nev	w application, the execution date of the	application is: January 14 & 18, 1999	
A. Patent Application No.(s)	** '	B. Patent No.(s)	
	Additional numbers attached?	Tyes X No	
5. Name and address of party to whom correspon	ndence	6. Total number of applications and pa	tents involved:
concerning document should be mailed:			
Name: Jay H. Maioli	-		
Internal Address: Cooper & Dunham LLP		7. Total fee (37 CFR 3.41):	\$ 40.00
		X Enclosed	
		Enclosed	
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Street Address: 1185 Avenue of the America	us	8. Deposit account number:	
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9. Statement and signature.			
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Jay H. Maioli Name of Person Signing	Signature Fe	bruary 18, 1999 Date	
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**PATENT REEL: 9812 FRAME: 0808** 

Docket	Number:	57720

## 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 TRANSMISSION METHOD. TRANSMITTER AND RECEIVER

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name

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 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 in the spaces that follow: Serial Number:	n this application to insert the serial number and filing date of Filing Date:
This assignment executed on the dates indicated below.	
KAZUYUKI SAKODA	Jakuary 14, 1888
Name of first or sole inventor	Execution date of U.S. Patent Application
TOKYO, JAPAN	,
Residence of first or sole inventor	January 14, 1998
Signature of first or sole inventor	Date of this assignment

PATENT REEL: 9812 FRAME: 0809

MITSUHIRO SUZUKI	January 8 1999 Execution date of U.S. Patent Application
Name of second inventor	Execution date of U.S. Patent Application
CHIBA, JAPAN	
Residence of second inventor  Mitsuhiro Suzuki  Sizzatura of second inventor	January 18 1999  Date of this assignment
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Name of third inventor	Execution date of U.S. Patent Application
Residence of third invector	·
Kezigener of mind massio.	
Signature of third inventor	Data of this assignment
	·
Name of fourth Inventor	Execution date of U.S. Patent Application
NZES OF OUR CELLSON	Excelled date of O.S. Fateur Application
Residence of fourth inventor	
Signature of fourth inventor	Date of this assignment
Name of filts taxento:	Execution date of U.S. Patent Application
Residence of fifth leveries	
Signature of Citi Laveston	Date of this suignated

PATENT REEL: 9812 FRAME: 0810

**RECORDED: 02/19/1999**