10-13-1998 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 Patent and Trademark Office 7217/56855 100848708 To the Honorable Commissioner of Patents and Tradem. lopy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): Kazuyuki Sakoda and Mitsuhiro Suzuki Additional name(s) of conveying party(ies) attached? Yes No Name: Sony Corporation Internal Address: 3. Nature of Conveyance: Street Address: 7-35 Kitashinagawa 6-chome Shinagawa-ku, Tokyo, Japan X Assignment ⊢ Merger State ____ Security Agreement Additional name(s) & address(es) attached? Yes X No U Other Execution Date: September 8 & 14, 1998 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: September 8 & 14, 1998 B. Patent No.(s) A. Patent Application No.(s) Yes X No Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Jay H. Maioli 7. Total fee (37 CFR 3.41):.....\$ 40.00 Internal Address: Cooper & Dunham LLP X Enclosed Authorized to be charged to deposit account Street Address: 1185 Avenue of the Americas (Attach duplicate copy of this page if paying by deposit account) City: New York State: New York ZIP 10036 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. September 25, 1998 Jay H. Maioli Name of Person Signing Total Number of pages comprising cover sheet: OMB No. 0651-0011 (exp. 4/94) 10/06/1998 KHARLING 00000058 09161616 Do not detach this portion Mail documents to be recorded with required cover sheet information to: 04 FQ:581 40.00 OP Commissioner of Patents and Trademarks Box Assignments

Washington, D.C. 20231

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the office of Management and Budget, Paperwork Reduction Project. (0651-0011). Washington, D.C. 20503

PATENT REEL: 9495 FRAME: 0767

Docket Number: 56855	Docket	Number	56855
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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 COMMUNICATION METHOD, TRANSMISSION METHOD, RECEPTION METHOD, BASE STATION AND TERMINAL

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:	this application to insert the serial number and filing date of, Filing Date:
This assignment executed on the dates indicated below.	
KAZUYUKI SAKODA	September 8, 1298
Name of first or sole inventor	Execution date of U.S. Patent Application
TOKYO, JAPAN	
Residence of first or fole inventor A Markov Salada	September 8- 228
Signature of first or søle inventor	Date of this assignment

PATENT REEL: 9495 FRAME: 0768

MITSUHIRO SUZUKI	Sextember 14, 1998
Name of second inventor	Execution date of U.S. Patent Application
CHIBA, JAPAN	
Residence of second inventor	
Mitsukin Suzuki	September 14, 1988
Signature of second inventor	Date of this assignment
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Name of third inventor	Execution date of U.S. Patent Application
MST S OF THE PLANTING	Execution date of 0.5. I atom Appliedos
Residence of third inventor	
Signature of third inventor	Dete of this essignment
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Name of fourth inventor	Execution date of U.S. Patent Application
Residence of fourth inventor	
100.000	
Signature of fourth inventor	Date of this assignment
•	_
Name of fifth inventor	The state of the Device New Yorks
NALS OF ILLE EXERTOR	Execution date of U.S. Patent Application
Residence of full inventor	
Signature of fifth inventor	Date of this essignment

RECORDED: 09/28/1998

PATENT REEL: 9495 FRAME: 0769