05-01-1998 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 Patent and Trademark Office 1-31-92 100755435 or squar documents or copy thereof. To the Assistant Commissioner of Patents. Name and address of receiving party(ies): Name of conveying party(ies): Name: SONY CORPORATION MOTOKI KATO and HIDEKI KOYANAGI Internal Address: Tokyo International P.O. Box 5100, Tokyo 100-31, Japan Additional name(s) of conveying party(ies) attached? Street Address: 7-35, Kitashinagawa 6-chome, Shinagawa-ku Yes City Tokyo 141 Country Japan Nature of Conveyance: Additional Name(s) & address(es) attached? Assignment Merger Yes X No Security Agreement Change of Name Other _ Execution Date: January 28, 1998 and January 29, 1998 Application number(s) or patent number(s): B. Patent No.(s) A. Patent Application No.(s): 08/958,569 Filed: October 28, 1997 Additional numbers attached? Yes X No Name and address of party to whom correspondence concerning 16. Total number of applications and patents involved: 1 document should be mailed: Name: Charles P. Sammut, Esquire 7. Total fee (37 CFR 3.41):.....\$_40.00 Internal Address: Limbach & Limbach L.L.P. X **Enclosed** Street Address: 2001 Ferry Building City, State, ZIP: Telephone: San Francisco, California 94111 Authorized to be charged to deposit account (415) 433-4150 Facsimile: (415) 433-8716 8. Deposit account number: 12-1420 Attorney Docket No. SONY-5500 (Attach duplicate copy of this page if paying by deposit account) 4/30/1998 DCDATES 00000171 08958569 DO NOT USE THIS SPACE 1 FC:581 40.00 DP 0 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. Charles P. Sammut April 14, 1998 Name of Person Signing Total number of pages comprising cover sheet: 1 OMB No. 0651-0011 (exp 4/94) Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks **Box Assignments** Washington, D.C. 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20213, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

Docket Number: SONY- 5500

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 ENCODED SIGNAL TRANSMISSION METHOD AND 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 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 to insert the serial number and filing date of this application in the spaces that follow: Serial Number: $\frac{08/958,569}{}$ Filing Date: October 28, 1997.

This assignment executed on the dates indicated below.

MOTOKI KATO

Name of first or sole inventor

KANAGAWA, JAPAN

Residence of first or sole inventor

Motoki Mate

January 28, 1998

Execution date of U.S. Patent Application

January 28, 1998

PATENT REEL: 9226 FRAME: 0615

| HIDEKI KOYANAGI | January 29, 1998 Execution date of U.S. Patent Application |
|------------------------------|------------------------------------------------------------|
| Name of second inventor | Execution date of U.S. Patent Application |
| KANAGAWA, JAPAN | |
| Residence of second inventor | |
| Hidoki & romanog i | Imary 29, 1998 |
| Signature of second inventor | fancory 29, 1998 Desc of this essignment |
| | |
| | |
| | |
| | |
| | |
| Name of third inventor | Execution date of U.S. Patent Application |
| Residence of third invector | |
| | |
| Signature of third inventor | Date of this assignment |
| | |
| | |
| | |
| | • |
| Name of fourth inventor | Execution date of U.S. Patent Application |
| Residence of fourth inventor | |
| | |
| Signature of fourth inventor | Date of this assignment |
| • | • |
| | |
| | |
| • | |
| | |
| Name of fifth inventor | Execution date of U.S. Patent Application |
| | |
| Residence of Mila laventor | |
| Simplified of 50% invarian | Date of this assistance |

PATENT REEL: 9226 FRAME: 0616