FORM PTO-1595 08 - 04	- 1998 U.S. DEPARTMENT OF COMMERCE	
1-31-92	Patent and Trademark Office	
72.17/55912		
To the Honorable Commissioner of Patents and 1 10078	3600 as or copy thereof.	
Name of conveying party(ies):	Name and address of receiving party(ies):	
Tatsuya Tsuruoka JUL 2 0	1998 S Name: Sony Corporation 7 - 20-48	
Additional name(s) of conveying party(ies) attached? No	Internal Address:	
3. Nature of Conveyance:	Street Address: 7-35 Kitashinagawa 6-chome	
Assignment Merger	Shinagawa-ku, Tokyo, Japan	
Security Agreement Change of Name	CityStateZIP	
Execution Date: July 9, 1998	Additional name(s) & address(es) attached? Yes X No	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the execution A. Patent Application No (s) 09/071.935	B. Patent No.(s)	
Additional numbers	attached? Yes No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name Jay H. Maioli Internal Address: Cooper & Dunham LLP	7. Total fee (37 CFR 3.41): \$ _40.00	
	Enclosed	
	Authorized to be charged to deposit account	
Street Address: 1185 Avenue of the Americas	8. Deposit account number:	
	03-3125 (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. Jay II. Maioli Name of Person Signing Signature July 14, 1998 Date		
<u> </u>	Total Number of pages comprising cover sheet:	
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 regating this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 2023 and to the office of Management and Budget, Paperwork Reduction Project. (0651-0011). Washington, D.C. 20503		
्र के प्रश्निक के प्रश्निक प्रश्निक के प्रश्निक के प्		
PATENT E REEL: 9352 FRAME: 0629		
KEEL: 9352 FRAME: 0629g		

Docket Number 7217/55912

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 DEMODULATING APPARATUS AND DEMODULATING METHOD 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 at6-7-35 Kitashinagawa, Shinagawa-Ku, Tokyo, Japan (hereinafter reference 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 thereof;

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 thereof;

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 09/071.935, Filing Date May 04, 1998. PATENT

REEL: 9352 FRAME: 0630

S98P496US00

This assignment executed on the dates indicated below.

Tatsuya Tsuruoka	$\varphi_{ij} = \hat{q}_{ij} = (2,\hat{q}_{ij})$
Name of first or sole inventor	Execution date of U.S. Patent Application
Tokyo, Japan	
Residence of first or sole inventor	10 1 7 194
9 周注也	4
Signature of first or sole inventor	Date of this assignment