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	To the Honorable Commissioner of Patents and Trac	1000.131	La accomments of copy diction.	
	Name of conveying party(ies):		Name and address of receiving party(ies):	
	Noboru Sasho, Jun Iwasaki, Satoshi Konya and Tomoya Y	amaura		
	Additional name(s) of conveying party(ies) attached?		Name: Sony Corporation	
	randitional numbers of conveying party(less) attached:	r us tama rvo	Internal Address:	
		(F)		
	3. Nature of Conveyance:	18 - Ca		
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	X Assignment	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Shinagawa-ku, Tokyo, Japan	
	Assignment — Merge	፣ _{.ላ} ያ		
	Security Agreement Chang	of Name	City State ZIP	
	Chang	of Name		
	Other	CATEMIA TRADER		
	Execution Date: September 28, 1998		Additional name(s) & address(es) attached? Yes No	
	4. Application number(s) or patent number(s):			
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	If this document is being filed together with a new application, the execution date of the application is:			
	A. Patent Application No.(s) 09/120,318		B. Patent No.(s)	
	09/120,318			
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		ditional numbers attached?	Yes IAI No	
	 Name and address of party to whom correspondence concerning document should be mailed: 		6. Total number of applications and patents involved:	
	concerning december should be mailed.			
	Name: Jay H. Majoli			
	Internal Address: Cooper & Dunham LLP		7. Total fee (37 CFR 3.41):\$40.00	
			7. Total 100 (57 OTR 5.41)	
			X Enclosed	
10/07	1998 PALLEN 00000071 09120318		Authorized to be charged to deposit account	
	Street Address: 1185 Avenue of the Americas		8. Deposit account number:	
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			<u>03-3125</u> (Attach	
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	To the best of my knowledge and belief,	the foregoing informa	tion is true and correct and any attached copy is a true copy of	
	the original document.			
	Jay H. Maioli Name of Person Signing / Signature	The c	October 1, 1998	
	Name of Person Signing // Signature		Date	
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	reviewing the document and gathering the data nee	eded, and completing and re	eviewing the sample cover sheet. Send comments regarding	
	this burden estimate to the U.S. Patent and Tradem	nark Office, Office of Infor	nation Systems, PK2-1000C, Washington, D.C. 20231, and to	

10-13-1998

PATENT **REEL: 9495 FRAME: 0337**

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 <u>SIGNAL POWER DETECTION APPARATUS</u> 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 09/120,318, Filing Date July 22, 1998.

PATENT REEL: 9495 FRAME: 0338

S98P775US00

This assignment executed on the dates indicated	ated below >
Noboru Sasho	Execution date of U.S. Patent Application
Name of first or sole inventor	Execution date of U.S. Patent Application
Tokyo Japan	
Tokyo, Japan Residence of first or sole inventor	
	<u> </u>
Signature of first or sole inventor	Jestamber 28, 1997
Signature of first or sole inventor	September 28, 1998 Date of this assignment
	· ·
Tun Trragaki	Som 1 28 1008
<u>Jun Iwasaki</u> Name of second inventor	Execution date of U.S. Patent Application
Name of Second Inventor	Execution date of 0.5. Patent Application
Tokyo, Japan	
<u>Tokyo, Japan</u> Residence of second inventor	
•	0 1 50 400
Signature of second inventor	Date of this assignment
Signature of second inventor	Date of this assignment
	Cartenber 14 1001
Satoshi Konya	September of, 1998
Satoshi Konya Name of third inventor	Execution date of U.S. Patent Application
Name of third inventor	Execution date of U.S. Patent Application
Name of third inventor	Execution date of U.S. Patent Application
Name of third inventor Kanagawa, Japan Residence of third inventor	
Name of third inventor	
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Name of third inventor Kanagawa, Japan Residence of third inventor Jatolia insurance	Execution date of U.S. Patent Application Suptember 2 f / 199 f Date of this assignment
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Name of third inventor Kanagawa, Japan Residence of third inventor Altolia insulation Signature of third inventor	Supper 2 f / 199 f Date of this assignment
Name of third inventor Kanagawa, Japan Residence of third inventor Jatolia insurance	Supper 2 f / 199 f Date of this assignment
Name of third inventor Kanaqawa, Japan Residence of third inventor JaTata Linguia Signature of third inventor Tomoya Yamaura Name of fourth inventor	
Name of third inventor Kanaqawa, Japan Residence of third inventor JaTata Linguia Signature of third inventor Tomoya Yamaura Name of fourth inventor	Supper 2 f / 199 f Date of this assignment
Name of third inventor Kanagawa, Japan Residence of third inventor Signature of third inventor Tomoya Yamaura	September 26, 1996 Date of this assignment September 28, 1996 Execution date of U.S. Patent Application
Name of third inventor Kanagawa, Japan Residence of third inventor Jalialia lingua Signature of third inventor Tomoya Yamaura Name of fourth inventor Tokyo, Japan Residence of fourth inventor	September 26, 1996 Date of this assignment September 28, 1996 Execution date of U.S. Patent Application
Name of third inventor Kanaqawa, Japan Residence of third inventor JaTata Linguia Signature of third inventor Tomoya Yamaura Name of fourth inventor	Supper 2 f / 199 f Date of this assignment

RECORDED: 10/05/1998

PATENT REEL: 9495 FRAME: 0339