FORM PTO-1595 11-1	4-2000
U.S. DEPARTMENT OF COMMENT OF COMMENT 1-31-92	Patent and Trademark Office
7217/61722 NOV 8 6 2000 101515474	
To the Honorable Commissioner of Patents and Tradess.	copy thereof.
Name of conveying party(ies)	Name and address of receiving party(ies):
Yuko Ijjima Eiji Tadokoro Hiraku Inoue Aditional name(s) of conveying party(ies) attached? Yes X No	Name: Sony Corporation. Internal Address:
3. Nature of Conveyance: Assignment	Street Address: 7-35 <u>Kitashinagawa 6-chome</u> Shinagawa-ku, Tokyo, Japan
Security Agreement Change of Name	City State ZIP
Execution Date: October 20, 2000, October 6, 2000, October 13, 2000 4 Application number(s) or patent number(s):	Additional name(s) & address(es) attached? Yes No
If this document is being filed together with a new application, the execution date A. Patent Application No.(s)	of the application is: October 20, 2000, October 6, 2000, October 13, 2000 B. Patent No.(s)
09/595,399	
Additional numbers attached? Yes X No UND 11 6 00	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name:	7. Total fee (37 CFR 3.41):\$ <u>40.00</u>
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	Authorized to be charged to deposit account
Street Address: 1185 Avenue of the Americas	8. Deposit account number:
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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 H. Maioli, Reg. No. 27,213 November 1, 2000 Name of Person Signing Signature Date	
	Total Number of pages comprising cover sheet:
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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. 20231, and to the office of Management and Budget, Paperwork Reduction Project. (0651-0011). Washington, D.C. 20503	

PATENT REEL: 011226 FRAME: 0015

S00P0697US00 Docket Number 7217/61722

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 ECUIPMENT AND DATA PROCESSING METHOD THEREFOR 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, 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 09/595,399 , Filing Date June 17, 2000 .

PATENT REEL: 011226 FRAME: 0016 This assignment executed on the dates indicated below.

Yuko Iijima	
Name of first or sole inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of	first or sole inventor
Signature of first or sole inventor	October 20, 2000
Signature of first or sole inventor	Date of this assignment
Eiji Tadokoro	
Name of second inventor	Execution date of U.S. Patent Application
Chiba, Japan	
	dence of second inventor
Eiji Tadoporo	Cotober 6, 2000
Signature of second inventor	Date of this assignment
Hiraku Inoue	
Name of third inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
	nce of third inventor
Ativater Snowl	October 13, 2000
Signature of third inventor	Date of this assignment

RECORDED: 11/06/2000 REEL: 011226 FRAME: 0017

PATENT