	FORM COVER SHEET  NTS ONLY	12-06-199
To the Honorable Commissioner of Patents and Trademarks. Please record the	attached original documents or copy thereof.	
1. Name of conveying party(ies):	Name and address of receiving part	10121560
Takashi Nakatsuyama and Tsutomu Imai	1	•
Aditional name(s) of conveying party(ies) attached? Yes X No	Name: Sony Corporation Internal Address:	
	monar Address.	
3. Nature of Conveyance:		
	Street Address: 7-35 Kitashinagawa 6-ch	
X Assignment	Shinagawa-ku, Tokyo, Japan	
Security Agreement Change of Name	City State ZIP _	
Other Execution Date: August 27 and September 14 1999	Additional name(s) & address(es) attache	d? Yes X No
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the execution da	te of the application is:	
A. Patert Application No.(s)	B. Patent No.(s)	
09/381,255		
	1 6 6	
Additional numbers atta		
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and pate	nts involved:
Name: <u>Jay H. Maioli</u> Internal Address: <u>Cooper &amp; Dunham LLP</u>	7 Tea-1 Car (27 CED 2 A1).	40.00
internal Address. Cooper & Daimain LLF	7. Total fee (37 CFR 3.41):\$	40.00
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9 Statement and signature.		
To the best of my knowledge and belief, the foregoing in	formation is true and correct and any at	tached conv is a true conv
the original document.	Λ	12үү ж и или сору
Jay H. Maioli, Reg. No. 27,213	November 12, 1999	
Name of Person Signing Signature	Date	
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PATENT REEL: 010409 FRAME: 0189

Docket	No.		

## **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

## INFORMATION DELIVERY APPARATUS, INFORMATION TRANSMITTER, INFORMATION RECEIVER AND METHOD OF DELIVERING INFORMATION

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, <u>Sony Corporation</u>, a <u>Japanese corporation</u> with offices at <u>7-35</u>, <u>Kitashinagawa 6-chome</u>, <u>Shinagawa-ku</u>, <u>Tokyo 141-0001 Japan</u> (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

Docket	No.		

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:

> International Application Number PCT/JP99/00092 International Filing Date January 13, 1999 U.S. Serial Number \_\_\_\_\_ U.S. Filing Date

This assignment executed on the dates indicated below.

<b>}</b> 4	,
Takashi Nakatsuyama Takashi Makatsuyama Nama of first or sole inventor	Manuel Sen/14/99
Name of first or sole inventor	your Sep./14/99 Date
Chiba, Japan	
Residence of first or sole inventor	
Signature of first or sole inventor	Execution date of U.S. Patent Application
Tsutomu Imai	Aag, 27, 98
Name of second inventor	Date
Chiba, Japan	
Residence of second inventor	
Som mos	
Signature of second inventor	Execution date of U.S. Patent Application
Name of third inventor	Date
Residence of third inventor	
Signature of third inventor	Execution date of U.S. Patent Application

**RECORDED: 11/18/1999**