mRD 1.7.00

1-181-1211 04-10-2000

U.S. DEFARTMENT OF COMMERCE Patent and Trademark Office

## 

To t	ne Commissioner of Patents and Trademar 101312	documents or copy thereof.
١.	Name of conveying party(ies):	2. Name and address of receiving party(ies):
	TAKAYUKI YOSHIGAHARA and TOSHIFUMI FUJITA	Name: Sony Corporation Internal Address:
Addi	tional name(s) of conveying party(ies) attached?	
	Yes X No	Street Address: 6-7-35 Kitashinagawa, 6-Chome
		City, State and Zip: Shinagawa-ku, Tokyo 141-0001 Japan
3.	Nature of Conveyance:	Additional Name(s) & address(es) attached?
×	Assignment Merger	Yes X No
	Security Agreement Change of Name Other	
	Execution Date: <u>December 17, 1999 and December 20, 1999</u>	
4.	Application number(s) or patent number(s): 09, 463	1345
1999	If this document is being filed together with a new applicational December 20, 1999	on, the execution date of the application is: <u>December 17</u> ,
	A. Patent Application No.(s)	B. Patent No.(s)
	Additional numbers attached?	res X No
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
	Name: Mayumi Maeda	7. Total fee (37 CFR 3.41):\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	Internal Address: Limbach & Limbach L.L.P. Street Address: 2001 Ferry Building City, State, ZIP: San Francisco, California 94111 Telephone: (415) 433-4150 Facsimile: (415) 433-8716	Enclosed  Charge any deficiencies in the enclosed fee to Deposit Account No. 12-1420  Authorized to be charged to deposit account
	Attorney Docket No. KOIK-P9492	8. Deposit account number: 12-1420
	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.
		1/2/2
	Mayumi Maeda, Reg. No. 40,075  Name of Person Signing	Signature Date
	· ·	pages including cover sheet, attachments and document: 3
	Do not detach	this portion
	Mail documents to be recorded with required cover sheet information to:	
	Commissioner of Patents and Trademarks, E	Box Assignments, Washington, D.C. 20231
	Public burden reporting for this sample cover sheet is estimated to average abo document and gathering the data needed, and completing and reviewing the san Patent and Trademark Office, Office of Information Systems, PK2-1000C, Wash Reduction Project, (0651-0011), Washington, D.C. 20503	nple cover sheet. Send comments regarding this burden estimate to the U.S.

ŗ

Docket Number: KOIK-P9492

## 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 PICTURE GENERATING APPARATUS AND PICTURE GENERATING 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 at 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 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: International Application Number: <a href="PCT/JP99/02381">PCT/JP99/02381</a>, International Filing Date: May 7, 1999.

This assignment executed on the dates indicated below.

<u>TAKAYUKI YOSHIGAHARA</u>	AR White transaction
Name of first or sole inventor	Execution date of U.S. Patent Application
Tokyo, Japan	
Residence of first or sole inventor	
Takayerke yoshigahara Signature of first or sole inventor	December 17, 1999
Signature of first or sole inventor	Date of this assignment

PATENT REEL: 010663 FRAME: 0085

TOSHIFUMI FUJITA	
Name of second inventor	Execution date of U.S. Patent Application
Tokyo. Japan Residence of second inventor	P- 1 2 1969 + F
_	Vecemby 10,1711 C.S
Signature of second inventor	December 20,1999 t.f. Free December 20, 1999
Signature of second inventor	Date of this assignment
Name of third inventor	Execution date of U.S. Patent Application
Residence of third inventor	
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 fifth inventor	

PATENT
RECORDED: 01/07/2000 REEL: 010663 FRAME: 0086

Signature of fifth inventor

Date of this assignment