U.S. Department of Commerce FORM PTO-1619A Patent and Trademark Office OMB 0651-0027 PATENT 05-09-2000 RECOR 101350688 TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies Submission Type Conveyance Type 11-70.0D X **Assignment Security Agreement** New Resubmission (Non-Recordation) License Change of Name Document ID# Correction of PTO Error Other Merger Reel # Frame # U.S. Government (For Use ONLY by U.S. Government Agencies) **Corrective Document** Reel # Frame # Departmental File Secret File Conveying Party(ies) Mark if additional names of conveying parties attached **Execution Date** Month Day Name (line 1) Ogata, Hiroki 03212000 Name (line 2) 1555(32 Execution Date Month Day Y Second Party Tagawa, Kazusato Name (line 1) 03212000 Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Sony Computer Entertainment, Name (line 1) is an assignment and the receiving party is not domiciled in the United Name (line 2) a Japanese corporation States, an appointment of a domestic Address (line 1) representative is attached. Akasaka 7-chome,

**Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Address (line 1) Address (line 2)

Minato-ku

Japan

09553635

Tokyo

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## Page 2

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PAIENT					
Correspondent Name and Address  Area Code and Telephone Number 908-654-5000					
Name LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP					
Address (line 1) 600 South Avenue West					
Address (line 2) Westfield NJ 07090					
Address (line 3)					
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Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00					
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Robert B. Cohen April 20, 2000					
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Name (line 1)	Nakazawa, Hiroyuk	i			03212000	ţ.
Name (line 2)						
( 2)					Execution Date	
Name (line 1)	Sakakura, Youtaro			<u> </u>	Month Day Year 03212000	$\neg$ $\mid$
					03212000	_
Name (line 2)					Execution Date	
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Name (line 1) M	Mita, Koji				03212000	_
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PATENT

REEL: 010762 FRAME: 0461

Docket Number: SCEI - Yamamoto Reference 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:

## OPERATING DEVICE

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 Computer Entertainment, Inc., a Japanese corporation with office at 1-1, Akasaka 7-chome, Minato-ku, Tokyo, 107-0052 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.

, , ,	attorney(s) of record in this application to insert the application number:  Application Number:, Filing Date:
This assignment executed on the dates i	ndicated below.
Hiroki OGATA Name of First or Sole Inventor	Execution Date of U.S. Patent Application
Residence of First or Sole Inventor	ent Inc., 1-L Akasaka 7-chome, Minato-ku, Tokyo 107-0052 Japan
Signature of First or Sole Inventor	March 21, 2000
Signature of First or Sole Inventor	Date of this Assignment

PATENT REEL: 010762 FRAME: 0462

Docket Number: SCEI 3.0-Yamamoto Reference No.:

Kazusato TAGAWA	
Name of Second Joint Inventor	Execution Date of U.S. Patent Application
, Japan c/o Sony Computer Entertainment Inc., 1-1 Akasaka Residence of Second Joint Inventor	7-chome, Minato-ku, Tokyo 107-0052 Japan
	March 21, 2000
Signature of Second Joint Inventor	Date of this Assignment
Hiroyuki NAKAZAWA Hiroyuki Makazawa	٠
Name of Third Joint Inventor	Execution Date of U.S. Patent Application
்டு i ba , Japan c/o Sony Computer Entertainment Inc., 1-1 Akasaka Residence of Third Joint Inventor	7-chome, Minato-ku, Tokyo107-0052 Japan
	March 21, 2000
Signature of Third Joint Inventor	Date of this Assignment
Youtaro SAKAKURA Youtaro Sakakura Name of Fourth Joint Inventor	Execution Date of U.S. Patent Application
Fukushima, Japan c/o Alps Electric Co., Ltd, 1-7, Yukigaya-otsuka-che Residence of Fourth Joint Inventor	
	March 21, 2000
Signature of Fourth Joint Inventor	Date of this Assignment
Koji MITA Koji mita	
Name of Fifth Joint Inventor	Execution Date of U.S. Patent Application
FUKUSH/MA, Japan c/o Alps Electric Co., Ltd, 1-7, Yukigaya-otsuka-che Residence of Fifth Joint Inventor	o, Ota-ku, Tokyo 145-8501 Japan
	March 21, 2000
Signature of Fifth Joint Inventor	Date of this Assignment

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**RECORDED: 04/20/2000** 

PATENT REEL: 010762 FRAME: 0463