Jul. 3.20	02. 3:18PM IEDNED PATTE INTERPORT	No. 5557 P. 4	
	07-03-2002		
	Form PTO-1595 (Rev. 03/01) / 102136523	VER SHEET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
	OMB No. 0651-0027 (exp. 5/31/2002)		
		Please record the attached original documents or copy thereof	
	<ol> <li>Name of conveying party(ies):</li> <li>Masanori Hoshino and Koji Hamada</li> </ol>	2. Name and address of receiving party(ies)	
		Name: Sony Computer Entertainment Inc.	
	4-15-02	Street Address:	
	Additional name(a) of conveying party(ies) Yes X No	1-1, Akasaka 7-chome Minato-ku	
	3. Nature of Conveyance: X Assignment Merger		
	Security Agreement Change of Name	City: Tokyo	
		State: Japan Zip: 107-0052	
	Execution Date: March 29, 2002	Additional name(s) & Yes X No address(es) attached:	
	4. Application number(s) or patent number(s):		
	If this document is being filed together with a new application, the ex	ecution date of the new application is:	
	A. Patent Application No.(s): 10/039,478	B. Patent No.(s):	
	Additional numbers attach		
	<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>	6. Total number of applications and patents involved:1	
	Name: LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 3.41) \$ 40.00	
	Street Address: 600 South Avenue West	x Authorized to be charged to deposit account	
		8. Deposit account number:	
		12-1095	
	City: State: Zip: Westfield NJ 07090	(Attach duplicate copy of this page if paying by deposit account)	
	DO NOT USE	THIS SPACE	
	9. Statement and signature. To the best of my knowledge and belief, the foregoing info is a true copy of the original document.	prmation is true and correct and any attached copy	
	Robert B. Cohen Name of Person Signing	Signatore April 5, 2002 Date	
	Total number of pages including cover sheet, attachments, and documents: 3		
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PATENT REEL: 012854 FRAME: 0039 4

No. 5557 P. 9

Docket Number: SCEIYO 3.0-106 SCEI Ref. No.: SC00185US00

## 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:

## **REMOTE-CONTROL SIGNAL RECEIVER**

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 offices 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 assignce 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 forcign thereto;

And I further agree to properly execute and deliver and without further remuncration, 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 application number and filing date of this application in the spaces that follow: Application Number: 10/039,478, Filing Date: November 9, 2001.

This assignment executed on the dates indicated below.

Masanori Hoshino Name of First or Sole Inventor Execution Date of U.S. Patent Application

Tokyo, Japan Residence of First or Sole Inventor 异 好 正义 퇴기. Signature of First or Sole Inventor

March. 28 . 2002. Date of this Assignment

PATENT REEL: 012854 FRAME: 0040

No. 5557 P. 10

Docket Number: SCEIYO 3.0-106 SCEI Ref. No.: SC00185US00

Koji Hamada	
Name of Second Joint Inventor	Execution Date of U.S. Patent Application
Tokyo, Japan	
Residence of Second Joint Inventor	
着回雪浴	Manuh 29, 2002
Signature of Second Joint Inventor	Date of this Assignment
Name of Third Joint Inventor	Execution Date of U.S. Patent Application
Residence of Third Joint Inventor	
Signature of Third Joint Inventor	Date of this Assignment
Name of Fourth Joint Inventor	Execution Date of U.S. Patent Application
Residence of Fourth Joint Inventor	
Signature of Fourth Joint Inventor	Date of this Assignment
Name of Fifth Joint Inventor	Execution Date of U.S. Patent Application
Residence of Fifth Joint Inventor	
Signature of Fifth Joint Inventor	Date of this Assignment

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RECORDED: 04/15/2002