Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hidetoshi Kusano	07/02/2007
Kazuaki Yazawa	06/26/2007

RECEIVING PARTY DATA

Name:	ony Corporation	
Street Address:	1-7-1, Konan, Minato-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	108-0075	

Name:	ony Computer Entertainment Inc.	
Street Address:	-6-21, Minami-Aoyama, Minato-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	107-0062	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11751694

CORRESPONDENCE DATA

Fax Number: (212)940-8986

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 212-940-6784

Email: jeney.han@kattenlaw.com

Correspondent Name: Jeney Han

Address Line 1: 575 Madison Avenue

Address Line 2: Suite 1519

Address Line 4: New York, NEW YORK 10022

PATENT

REEL: 019561 FRAME: 0319

1 \$40.00

500315230

ATTORNEY DOCKET NUMBER:	SCEP 23.056
NAME OF SUBMITTER:	Jeney Han
Total Attachments: 2 source=SCEP 23.056 - Assignment#page1.tif source=SCEP 23.056 - Assignment#page2.tif	

PATENT REEL: 019561 FRAME: 0320

ASSIGNMENT

			Docket No.	SCEP 23.056
	umed inventor, ASSIGNOR, has EVICE HAVING HIGH COOI			CTURING THE
BAME				
for which				
(check one)	an application is being file	d concurrently herewith,		
	an application for a Paten and given Application Ser		iled on May 22, 2007	
and WHEREAS, SONY		ha	wing a place of business at	
	u, Tokyo 108-0075 Japan	a	nd Sony Computer Entertain	inment, Inc.
	s at 2-6-21, Minami-Aoyama			<u> </u>
ASSIGNEE is desirous of	f obtaining the entire right, title	and interest in, to and und	er the said invention and the	e said application.
consideration, the receipt these presents does hereby assigns, the entire right, ti renewals and continuation thereof; and all application and designs which may he right to file such application the Patent Laws of the Unagreement or the domestic property protection, inclussaid invention in any court ASSIGNOR authany country or countries for protection on applications accordance with the terms		ed, the said ASSIGNOR Is ver, unto the said ASSIGN the said invention, and the United States which may be tion, including, without li on in any country or countre same the priority rights onvention for the Protection such application is file s, utility models, inventor United States and all extensions of Patents and Tracose duty it is to issue pater to the said ASSIGNEE, it	nas sold, assigned, transferred IEE, its successors, legal represent United States applications be granted thereon and all mitation, all applications for tries foreign to the United States for Industrial Property, or ed, as may be applicable; and secretificates and designs what is certificates and reissues ademarks of the United States and or other evidence or forms successors, legal represents	ed and set over, and by presentatives and tion and all divisions, reissues and extensions or patents, utility models, states, together with the tates application under any other international dall forms of industrial hich may be granted for s thereof; es, and any Official of ms of industrial property tatives and assigns, in
ASSIGNOR cov and will not execute, any	renants and agrees that he has f agreement in conflict herewith	all right to convey the enti- and	re interest herein assigned, a	and has not executed,
ASSIGNOR furt representatives and assigr execute all divisional, cor	ther covenants and agrees that ns, any facts known respecting ntinuing, reissue and foreign ap successors, legal representative	e will communicate to the said invention, and testify plications, make all rightfi	in any legal proceeding, signal oaths, and generally do ex	n all lawful papers, verything possible to aid
Full name of sole or first Inventor's Signature Residence / / / 4 Post Office Address _ c/	inventor Hidetoshi KUSAN Hedetoshi Kusari Japan o SONY CORPORATION 7-1, Konan, Minato-ku, Tokyo	Date CitizenshipJapa	Jaly 2, 2007 unese	
Full name of second ioint	inventor, if any Kazuaki YA	ZAWA		
Second Inventor's Signate			Date	
Residence	, Japan	Citizenship Japan	ese	
Post Office Address <u>c/o</u>	Sony Computer Entertainmen	Inc.	n	
Post Office Address c/o	Sony Computer Entertainmen	Inc. -ku. Tokyo 107-0062 Japa	n	

11122848.01

ASSIGNMENT

Docket No. SC	CEP 23.056
WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in: SEMICONDUCTOR DEVICE HAVING HIGH COOLING EFFICIENCY AND METHOD FOR MANUFACTU	JRING THE
SAME	
for which	
(check one) an application is being filed concurrently herewith,	
an application for a Patent of the United States was filed on May 22, 2007 and given Application Serial No. 11/751,694	
and WHEREAS, SONY CORPORATION having a place of business at	aut Inc
1-7-1, Konan, Minato-ku, Tokyo 108-0075 Japan and Sony Computer Entertainment having a place of business at 2-6-21, Minami-Aoyama, Minato-ku, Tokyo 107-0062 Japan	ent, Inc.
ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the sai	d application.
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other goconsideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred an these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal represe assigns, the entire right, title and interest in, to and under the said invention, and the said United States application renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reisst thereof; and all applications for industrial property protection, including, without limitation, all applications for pat and designs which may hereafter be filed for said invention in any country or countries foreign to the United States right to file such applications and the right to claim for the same the priority rights derived from said United States the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all property protection, including, without limitation, patents, utility models, inventor's certificates and designs which said invention in any country or countries foreign to the United States and all extensions, renewals and reissues the ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representative and will not execute, any agreement in conflict herewith; and ASSIGNOR further covenants and agrees that he has full right to convey the entire interest herein assigned, and hand will not execute, any agreement in conflict herewith; and ASSIGNOR, its successors, legal representatives and assigns, to obtain and	and set over, and by entatives and and all divisions, uses and extensions tents, utility models, so together with the application under other international forms of industrial may be granted for ereof; and any Official of findustrial property es and assigns, in the mass not executed, so, legal lawful papers, thing possible to aid
countries.	
Full name of sole or first inventor Hidetoshi KUSANO	
Inventor's Signature Date	
Residence , Japan Citizenship Japanese Post Office Address	
. , .)	
Full name of second joint inventor, if any Kazuaki YAZAWA	
Residence (h) ha Japan Citizenship Japanese	
Residence Chiba Japan Citizenship Japanese Post Office Address _ c/o Sony Computer Entertainment Inc.	
2-6-21, Minami-Aoyama, Minato-ku, Tokyo 107-0062 Japan	

11122848.01

RECORDED: 07/16/2007

PATENT REEL: 019561 FRAME: 0322