## PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	DATA			
Name			Execution Date	
Tsubasa Tsukahara			07/15/2010	
Yasushi Ito			07/26/2010	
Naoji Nada			07/29/2010	
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	2S Total: 1			
Property Type		Number		
	ype	Number		
Application Number:		12988557		
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Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I</i>	DATA (312)827 be sent via US M	-8185 <i>Aail when the fax attempt is unsuccessful.</i>		
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone:	DATA (312)827 be sent via US M 3128074	-8185 <i>Aail when the fax attempt is unsuccessful.</i> 310		
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email:	DATA (312)827 be sent via US M 31280743 chicago.p	-8185 <i>Mail when the fax attempt is unsuccessful.</i> 310 patents@klgates.com		
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Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name	DATA (312)827 be sent via US M 3128074 chicago.p : Thomas (	-8185 <i>Mail when the fax attempt is unsuccessful.</i> 310 batents@klgates.com C. Basso 1135		
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Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2:	DATA (312)827 be sent via US M 31280743 chicago.p : Thomas G P.O. Box K&L Gate Chicago,	-8185 <i>Mail when the fax attempt is unsuccessful.</i> 310 patents@klgates.com C. Basso 1135 es, LLP		
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	DATA (312)827 be sent via US M 31280743 chicago.p : Thomas 0 P.O. Box K&L Gate Chicago,	-8185 <i>Mail when the fax attempt is unsuccessful.</i> 310 patents@klgates.com C. Basso 1135 ps, LLP ILLINOIS 60690-1135		

## PATENT REEL: 025233 FRAME: 0001

PATENT REEL: 025233 FRAME: 0002

Docket Number:

## 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 LIGHT EMITTING DEVICE, DISPLAY DEVICE, AND COLOR CONVERSION SHEET

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 1-7-1 Konan, Minato-Ku, Tokyo, 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 No.: PCT/JP2009/057843, International Filing Date: 04/20/2009

This assignment executed on the dates indicated below,

Tsubasa TSUKAHARA

Name of first or sole inventor

Tokyo, Japan

Residence of first or sole inventor

Signature of first or sole inventor

Execution date of U.S. Patent Application

<u>JIS, 20/0</u>. Date of this assignment

PATENT REEL: 025233 FRAME: 0003 Yasushi ITO

Name of second inventor

Kanagawa, Japan

Residence of second inventor

Signature of second

Naoji NADA

Name of third inventor

Kanagawa, Japan

Residence of third inventor

Navi Naela Signature of third inventor

Yoshiro OSHIMA

Name of fourth inventor

Kanagawa, Japan Residence of fourth inventor

White Oshima

Signature of ourth inventor

Hideya CHUBACHI

Name of fifth inventor

Kanagawa, Japan

Residence of fifth inventor, Chubachi Hideyo

Signature of fifth inventor

Execution date of U.S. Patent Application

July. 26 Zolo Date of this assignment

Execution date of U.S. Patent Application

July 29. 2010 Date of this assignment

Execution date of U.S. Patent Application

July 30, 2010 Date of this assignment

Execution date of U.S. Patent Application

 $J_n/y$  22.2010 Date of this assignment

PATENT REEL: 025233 FRAME: 0004

**RECORDED: 11/02/2010**