

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Kazuhito Hori	01/22/2000
Akira Ono	01/17/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Sony Corporation
<b>Street Address:</b>	1-7-1 Konan
<b>Internal Address:</b>	Minato-ku
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13120999
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<b>NAME OF SUBMITTER:</b>	Thomas C. Basso
<b>Total Attachments: 3</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

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**PATENT**  
**REEL: 026032 FRAME: 0485**

## ASSIGNMENT

WHEREAS, the undersigned, to wit: Kazuhito Hori, and Akira Ono, (hereinafter "ASSIGNORS"), are the lawful owners of an invention entitled: METHOD OF MANUFACTURING OPTICAL COMPONENT, OPTICAL COMPONENT, METHOD OF MANUFACTURING DISPLAY DEVICE, AND DISPLAY DEVICE, for which an international patent application which designates the United States was filed on September 17, 2009 having Application Serial No. PCT/JP2009/066232;

AND WHEREAS, SONY CORPORATION (hereinafter "ASSIGNEE"), a corporation duly organized and existing under the laws of Japan and having its principal office and place of business at 1-7-1 Konan, Minato-ku, Tokyo Japan, desires to acquire the entire right, title, and interest therein;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said ASSIGNORS do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by said ASSIGNORS had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and ASSIGNORS hereby authorize and request the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNORS hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred.

ASSIGNORS furthermore agree upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives.

Signature

Kazuhito Hori

Name: Kazuhito Hori

Address: c/o Sony Corporation

1-7-1, Konan, Minato-ku

Tokyo, Japan

Date Signed

22 / Jan, 2011

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Kimiko Ishida

Date Signed

Jan 24, 2011

Signature

Date Signed

Akira Ono.  
Name: Akira Ono

17 / Jan / 2011.

Address: c/o Sony Corporation  
1-7-1, Konan, Minato-ku  
Tokyo, Japan

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Date Signed

Kimiko Ishida

Jan 24, 2011.