

# PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Manabu TAKEI</td> <td>10/05/2009</td> </tr> <tr> <td>Jun OGURA</td> <td>10/05/2009</td> </tr> <tr> <td>Shunji KASHIYAMA</td> <td>10/06/2009</td> </tr> <tr> <td>Tsuyoshi OZAKI</td> <td>10/06/2009</td> </tr> </tbody> </table>		Name	Execution Date	Manabu TAKEI	10/05/2009	Jun OGURA	10/05/2009	Shunji KASHIYAMA	10/06/2009	Tsuyoshi OZAKI	10/06/2009
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>CASIO COMPUTER CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>6-2 Hon-machi 1-chome, Shibuya-ku,</td> </tr> <tr> <td>City:</td> <td>Tokyo,</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>151-8543</td> </tr> </table>		Name:	CASIO COMPUTER CO., LTD.	Street Address:	6-2 Hon-machi 1-chome, Shibuya-ku,	City:	Tokyo,	State/Country:	JAPAN	Postal Code:	151-8543
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (212)319-5101  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2123194900        Email: portnoy@fhgc-law.com        Correspondent Name: Leonard Holtz        Address Line 1: 220 Fifth Avenue        Address Line 2: 16th Floor        Address Line 4: New York, NEW YORK 10001-7708</p>											
ATTORNEY DOCKET NUMBER:	09620/LH										
NAME OF SUBMITTER:	Sharon Portnoy										
Total Attachments: 1											

OP \$40.00 12569322

**500999581**

**PATENT**  
**REEL: 023433 FRAME: 0044**



**ASSIGNMENT**

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of an invention described in an application for United States patent entitled:

**DISPLAY DRIVING APPARATUS, DISPLAY APPARATUS AND  
DRIVE CONTROL METHOD FOR DISPLAY APPARATUS**

sell and assign to **CASIO COMPUTER CO., LTD.**  
a corporation of **Japan**  
having a business address at **6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo 151-8543, Japan**

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents; to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

**SERIAL NO.:** 12/569,322 **FILING DATE:** September 29, 2009

Frishauf, Holtz, Goodman & Chick, P.C., 220 Fifth Avenue - 16th Floor, New York, N.Y. 10001-7708.

INVENTOR: SIGNATURE		DATE	POST OFFICE ADDRESS
Sign: <i>Manabu Takei</i>	Date: <i>Oct 5, 2009</i>	Address: c/o Casio Computer Co., Ltd., Hamura R&D Center, 2-1, Sakae-cho 3-chome, Hamura-shi, Tokyo 205-8555, Japan	
Type: <b>Manabu TAKEI</b>	Witness: <i>Manabu Takei M.J.</i>		
Sign: <i>Jun Ogura</i>	Date: <i>Oct. 5, 2009</i>	Address: c/o Casio Computer Co., Ltd., Hamura R&D Center, 2-1, Sakae-cho 3-chome, Hamura-shi, Tokyo 205-8555, Japan	
Type: <b>Jun OGURA</b>	Witness:		
Sign: <i>Shunji Kashiya</i>	Date: <i>Oct. 6, 2009</i>	Address: c/o Casio Computer Co., Ltd., Hamura R&D Center, 2-1, Sakae-cho 3-chome, Hamura-shi, Tokyo 205-8555, Japan	
Type: <b>Shunji KASHIYAMA</b>	Witness:		
Sign: <i>Tsuyoshi Ozaki</i>	Date: <i>Oct. 6, 2009</i>	Address: c/o Casio Computer Co., Ltd., Hamura R&D Center, 2-1, Sakae-cho 3-chome, Hamura-shi, Tokyo 205-8555, Japan	
Type: <b>Tsuyoshi OZAKI</b>	Witness:		
<b>NOTES: MUST BE DATED.</b>		<b>WITNESS DESIRABLE.</b>	<b>LEGALIZATION NOT REQUIRED.</b>

RECORDING OFFICER:

After recording, please return to:  
Customer No. 01933  
FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.  
220 Fifth Avenue - 16th Floor, New York, N.Y. 10001-7708  
Tel. No.: (212) 319-4900 Fax No.: (212) 319-5101

**PATENT**

**RECORDED: 10/28/2009**

**REEL: 023433 FRAME: 0046**