

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT								
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Serial Number erroneously cited as 13680483 previously recorded on Reel 028912 Frame 0372. Assignor(s) hereby confirms the Assignment.								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yutaka NAKAI</td> <td>08/16/2012</td> </tr> <tr> <td>Tsuyoshi HIOKI</td> <td>08/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yutaka NAKAI	08/16/2012	Tsuyoshi HIOKI	08/16/2012		
Name	Execution Date								
Yutaka NAKAI	08/16/2012								
Tsuyoshi HIOKI	08/16/2012								
RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>Kabushiki Kaisha Toshiba</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Shibaura 1-chome, Minato-Ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Kabushiki Kaisha Toshiba	Street Address:	1-1, Shibaura 1-chome, Minato-Ku	City:	Tokyo	State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13606044</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13606044				
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Application Number:	13606044								
CORRESPONDENCE DATA									
<p>Fax Number: 7034132220          Phone: (703) 413-3000          Email: hcho@oblon.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Oblon, Spivak, et al.          Address Line 1: 1940 Duke Street          Address Line 4: Alexandria, VIRGINIA 22314</p>									
ATTORNEY DOCKET NUMBER:	404397US2RDCONT								
NAME OF SUBMITTER:	Hyun Cho								
<p>Total Attachments: 6          source=404397USCORRECTED#page1.tif          source=404397USCORRECTED#page2.tif          source=404397USCORRECTED#page3.tif          source=404397USCORRECTED#page4.tif          source=404397USCORRECTED#page5.tif          source=404397USCORRECTED#page6.tif</p>									

OP \$40.00 13606044

**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>
Yutaka NAKAI	08/16/2012
Tsuyoshi HIOKI	08/16/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Kabushiki Kaisha Toshiba
<b>Street Address:</b>	1-1, Shibaura 1-chome
<b>City:</b>	Minato-ku, Tokyo
<b>State/Country:</b>	JAPAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13680483
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	7034132220
<b>Phone:</b>	703-413-3000
<b>Email:</b>	caskey@oblon.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	Oblon Spivak et al
<b>Address Line 1:</b>	1940 Duke Street
<b>Address Line 4:</b>	Alexandria, VIRGINIA 22314
<b>ATTORNEY DOCKET NUMBER:</b>	404397US
<b>NAME OF SUBMITTER:</b>	/Carla Askey/

<b>Signature:</b>	/Carla Askey/
<b>Date:</b>	09/07/2012
<b>Total Attachments: 2</b> source=assgn#page1.tif source=assgn#page2.tif	
<b>RECEIPT INFORMATION</b>	
<b>EPAS ID:</b>	PAT2089237
<b>Receipt Date:</b>	09/07/2012
<b>Fee Amount:</b>	\$40



Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: August 16, 2012

Yutaka Nakai  
(Signature of Inventor) Yutaka NAKAI

Date: August 16, 2012

Tsuyoshi Hioki  
(Signature of Inventor) Tsuyoshi HIOKI

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

13G051857-USA-A

### Assignment of Application

INSERT NAMES  
AND RESIDENCE  
ADDRESSES OF  
THE INVENTORS

WHEREAS, I (WE) 1) Yutaka NAKAI  
2) Tsuyoshi HIOKI  
 of:  
1) Kanagawa-ken, Japan  
2) Kanagawa-ken, Japan

Incorrect Application Number

INSERT TITLE OF  
INVENTION

\_\_\_\_\_ , respectively,  
 have invented certain new and useful improvements in: "DISPLAY DEVICE"

(Application No. 13/680,483 , filed September 7, 2012 ), and

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE

WHEREAS, Kabushiki Kaisha Toshiba  
 (hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

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NOT FOR RECORDATION**

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

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Date: August 16, 2012 *Yutaka Nakai*  
 (Signature of Inventor) Yutaka NAKAI

Date: August 16, 2012 *Tsuyoshi Hioki*  
 (Signature of Inventor) Tsuyoshi HIOKI

Date: \_\_\_\_\_  
 (Signature of Inventor)

Date: \_\_\_\_\_  
 (Signature of Inventor)

Date: \_\_\_\_\_  
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 (Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.  
ATTORNEYS AT LAW  
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ALEXANDRIA, VIRGINIA 22314

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