

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Minoru MUKAI</td> <td>04/18/2008</td> </tr> <tr> <td>Takahiro OMORI</td> <td>04/18/2008</td> </tr> <tr> <td>Daisuke YAMAMOTO</td> <td>04/18/2008</td> </tr> </tbody> </table>		Name	Execution Date	Minoru MUKAI	04/18/2008	Takahiro OMORI	04/18/2008	Daisuke YAMAMOTO	04/18/2008
Name	Execution Date								
Minoru MUKAI	04/18/2008								
Takahiro OMORI	04/18/2008								
Daisuke YAMAMOTO	04/18/2008								
RECEIVING PARTY DATA									
Name:	KABUSHIKI KAISHA TOSHIBA								
Street Address:	1-1, Shibaura 1-chome								
City:	Minato-ku, Tokyo								
State/Country:	JAPAN								
Postal Code:	105-8001								
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>12962138</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12962138				
Property Type	Number								
Application Number:	12962138								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	430.0090USV								
NAME OF SUBMITTER:	Charles N.J. Ruggiero								
Total Attachments: 3 source=20120217_4300090USV_Assignment#page1.tif source=20120217_4300090USV_Assignment#page2.tif source=20120217_4300090USV_Assignment#page3.tif									

CH \$40.00 12962138

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Please record the attached original documents or copies thereof.

1. Name of conveying party(ies): **Minoru MUKAI; Takahiro OMORI and Daisuke YAMAMOTO**
2. Name and address of receiving party(ies): **KABUSHIKI KAISHA TOSHIBA  
1-1, Shibaura 1-chome  
Minato-ku, Tokyo 105-8001, JAPAN**
3. Nature of conveyance:  

<input checked="" type="checkbox"/> <b>XXXX</b>	Assignment	_____	Merger
<input type="checkbox"/>	Security Agreement	_____	Change of Name
<input type="checkbox"/>	Other:	_____	

Execution Date: **April 18, 2008**
4. Application number(s) or application date(s):  
 If this document is being filed together with a new application, the execution date of the application is:
 


A. <u>Application/Patent No.</u>	B. <u>Application/Issue Date</u>
<b>12/962,138</b>	<b>December 7, 2010</b>
5. Name and address of party to whom correspondence concerning this document should be mailed:
 

Charles N.J. Ruggiero, Esq.  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10<sup>th</sup> Floor  
Stamford, Connecticut 06901-2682 U.S.A.
6. Total No. of applications and patents involved: 1.
7. Total Fee (37 C.F.R. 3.41(h)) \$40.00/assignment.  
 **XXXXX CUSTOMER NO.: 27623**  
 **XXXXX** Authorized to be charged to deposit account.

The Commissioner is hereby authorized to charge the assignment recordal fee of **\$40** and any additional fees under 37 C.F.R. 3.41 that may be required with this communication or credit any overpayment, to Deposit Account No. **01-0467**.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Charles N.J. Ruggiero  
Name of Person Signing

  
Signature

2/17/2012  
Date

Total number of pages including cover sheet, attachments and document: 3.

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

METHOD OF ESTIMATING SUPPORT STATE OF AN ELECTRONIC APPARATUS  
HOUSING AND ELECTRONIC APPARATUS

have sold and assigned and do hereby sell and assign to  
KABUSHIKI KAISHA TOSHIBA  
a Japanese corporation, having a business address at  
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, 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 United States patent application:

(check one)  executed concurrently herewith  
 executed on \_\_\_\_\_ ;  
 Application No. 12/055,015 , filed March 25, 2008 ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes 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 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 proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, 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.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square, 10th Floor, Stamford, Connecticut 06901-2682

ASSIGNMENT

13G045680-USA-A  
(07S1374)

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*April 18, 2008*

Minoru Mukai

Date:

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*April 18, 2008*

Takahiro Omori

Date:

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*April 18, 2008*

Daisuke Yamamoto

Date: