

## PATENT ASSIGNMENT

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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>Shinya Kawamoto</td> <td>12/25/2012</td> </tr> <tr> <td>Tamotsu Endo</td> <td>12/25/2012</td> </tr> </tbody> </table>		Name	Execution Date	Shinya Kawamoto	12/25/2012	Tamotsu Endo	12/25/2012
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Shinya Kawamoto	12/25/2012						
Tamotsu Endo	12/25/2012						
RECEIVING PARTY DATA							
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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>13863950</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13863950		
Property Type	Number						
Application Number:	13863950						
CORRESPONDENCE DATA							
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Date:	04/16/2013						
Total Attachments: 2 source=0184Assignment#page1.tif source=0184Assignment#page2.tif							

CH \$40.00 13863950

**ASSIGNMENT**

**WHEREAS**, I, one of the undersigned joint inventors, of residence as listed, have invented certain new and useful improvements, for which application for United States Letters Patent is made, titled "**BATTERY SYSTEM**" having Attorney Docket Number ; and

**WHEREAS**, **Kabushiki Kaisha Toshiba** (hereinafter referred to as "Assignee"), a **Japanese** limited partnership, with an address of **1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan**, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all provisionals, divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all provisionals, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain

and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Full name of the first inventor	Shinya KAWAMOTO
Inventor's Signature	<i>Shinya Kawamoto</i>
Date	Dec 25, 2012
Residence (City, County, State)	Kanagawa-ken, Japan
Citizenship	Japan
Post Office Address	c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

Full name of the second inventor	Tamotsu ENDO
Inventor's Signature	<i>Tamotsu Endo</i>
Date	25. DEC. 2012
Residence (City, County, State)	Tokyo, Japan
Citizenship	Japan
Post Office Address	c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan