

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Takeshi NAKASHIMA</td> <td>04/17/2012</td> </tr> <tr> <td>Takehito IKE</td> <td>04/20/2012</td> </tr> <tr> <td>Ryuzo HAGIHARA</td> <td>04/20/2012</td> </tr> <tr> <td>Chie SUGIGAKI</td> <td>04/26/2012</td> </tr> </tbody> </table>	Name	Execution Date	Takeshi NAKASHIMA	04/17/2012	Takehito IKE	04/20/2012	Ryuzo HAGIHARA	04/20/2012	Chie SUGIGAKI	04/26/2012	
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RECEIVING PARTY DATA											
Name:	SANYO ELECTRIC CO., LTD.										
Street Address:	5-5, Keihan-Hondori 2-Chome										
City:	Moriguchi City, Osaka										
State/Country:	JAPAN										
Postal Code:	570-8677										
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>13416970</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	13416970							
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Application Number:	13416970										
CORRESPONDENCE DATA											
Fax Number:	(202)478-2237										
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ATTORNEY DOCKET NUMBER:	SAN.002.0112.NP										
NAME OF SUBMITTER:	Marvin A. Motsenbocker										
Total Attachments: 2 source=Assignment_SAN0020112NP#page1.tif source=Assignment_SAN0020112NP#page2.tif											

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### ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

*Name and address of assignee:*

SANYO ELECTRIC CO., LTD.

5-5, Keihan-Hondori 2-Chome, Moriguchi City, Osaka, 570-8677 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to the invention relating to

*Title of invention:*

BATTERY PARALLEL-OPERATION CIRCUIT AND BATTERY SYSTEM

as set forth in the United States Patent Application

*check one*

☐ executed concurrently herewith

☐ executed on \_\_\_\_\_

☒ Serial No. 13/416,970 Filed March 9, 2012

in and to said United States Patent Application including any and all divisions, continuations, or continuations-in-part thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent on may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Director of U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument and conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him



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relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions, continuations and continuations-in-part thereof and to any and all Letters Patent which may be granted therefore or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the attorneys and the agents of Mots Law, PLLC the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent and Trademark office for recordation of this Assignment.

<b>NAMES AND SIGNATURES OF INVENTORS</b>		
Name: <b>Takeshi NAKASHIMA</b>	Signature: <i>Takeshi Nakashima</i>	Date: <i>17/ Apr. / 2012</i>
Name: <b>Takehito IKE</b>	Signature: <i>Takehito Ike</i>	Date: <i>20/ Apr. / 2012</i>
Name: <b>Ryuzo HAGIHARA</b>	Signature: <i>Ryuzo Hagihara</i>	Date: <i>20/ Apr. / 2012</i>
Name: <b>Chie SUGIGAKI</b>	Signature: <i>Chie Sugigaki</i>	Date: <i>26/ Apr. / 2012</i>
<b>NAMES AND SIGNATURES OF WITNESSES (Optional)</b>		
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution optionally may be obtained by execution of this document before a United States Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a United States Consul.