

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>ATSUSHI SUYAMA</td> <td>09/03/2012</td> </tr> <tr> <td>TOSHIYA IWASAKI</td> <td>09/04/2012</td> </tr> <tr> <td>ATSUSHI SHIMIZU</td> <td>08/28/2012</td> </tr> <tr> <td>HIROTSUGU MURASHIMA</td> <td>08/28/2012</td> </tr> <tr> <td>JUN YAMASAKI</td> <td>08/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	ATSUSHI SUYAMA	09/03/2012	TOSHIYA IWASAKI	09/04/2012	ATSUSHI SHIMIZU	08/28/2012	HIROTSUGU MURASHIMA	08/28/2012	JUN YAMASAKI	08/27/2012
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>SANYO ELECTRIC CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>5-5, Keihan-Hondori 2-Chome, Moriguchi-shi</td> </tr> <tr> <td>City:</td> <td>Osaka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>570-8677</td> </tr> </table>		Name:	SANYO ELECTRIC CO., LTD.	Street Address:	5-5, Keihan-Hondori 2-Chome, Moriguchi-shi	City:	Osaka	State/Country:	JAPAN	Postal Code:	570-8677		
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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>13637439</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13637439								
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CORRESPONDENCE DATA													
<p>Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-756-8000 Email: mweipdocket@mwe.com Correspondent Name: MCDERMOTT WILL & EMERY LLP Address Line 1: 600 13TH STREET, N.W. Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-3096</p>													
ATTORNEY DOCKET NUMBER:	070759-0082												
NAME OF SUBMITTER:	Stephen A. Becker 26527 (mjb)												
<p>Total Attachments: 4 source=ASSN_070759-0082#page1.tif source=ASSN_070759-0082#page2.tif source=ASSN_TRN_070759-0082#page1.tif source=ASSN_TRN_070759-0082#page2.tif</p>													

CH \$40.00 13637439

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Atsushi SUYAMA
- (2) Toshiya IWASAKI
- (3) Atsushi SHIMIZU
- (4) Hirotsugu MURASHIMA
- (5) Jun YAMASAKI

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SANYO ELECTRIC CO., LTD.(a corporation of Japan) having its address at
5-5, Keihan-Hondori 2-Chome, Moriguchi-shi, Osaka, 570-8677 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

CHARGING SYSTEM

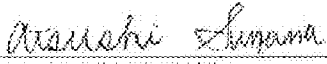

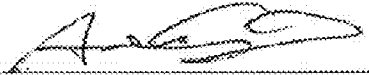
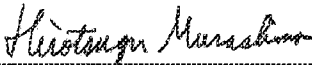
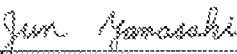
(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1)  Name: Atsushi SUYAMA	Sep. 3, 2012
2)  Name: Toshiya WASAKI	Sep. 4, 2012
3)  Name: Atsushi SHIMIZU	Aug. 28, 2012
4)  Name: Hirotugu MURASHIMA	Aug. 28, 2012
5)  Name: Jun YAMASAKI	Aug. 27, 2012

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Atsushi SUYAMA (09/03/2012), Toshiya IWASAKI (09/04/2012), Atsushi SHIMIZU (08/28/2012),

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: SANYO ELECTRIC CO., LTD.

Internal Address: _____

Street Address: _____

5-5, Keihan-Hondori 2-Chome,
Moriguchi-shi
Osaka
570-8677
JAPAN

City: _____

State: _____

Country: _____ Zip: _____

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

Assignment Merger Change of Name

Security Agreement Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s):

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

This application

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Stephen A. Becker, P.C.
MCDERMOTT WILL & EMERY LLP

Internal Address: Atty. Dkt.: 070759-0082

Street Address: 600 13th Street, N.W.

City: Washington DC

State: DC Zip: 20005-3096

Phone Number: (202) 756-8608

Fax Number: (202) 756-8087

Email Address: mweipdocket@mwe.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged to deposit account

Enclosed


None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-0417

Authorized User Name Stephen A. Becker, P.C.

9. Signature:



Signature

September 26, 2012

Date

Stephen A. Becker, P.C. - 26,527

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

RECORDATION FORM COVER SHEET (PTO-1595)
(supplemental sheet)

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Hirotsugu MURASHIMA (08/28/2012), and Jun YAMASAKI (08/27/2012)

Additional Assignees (2. Continued):

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:

Additional Patent Numbers
4B. Continued:

Additional numbers attached?

Yes

No