

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2603401

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>HIDEAKI TAKAHOSHI</td> <td>10/31/2013</td> </tr> <tr> <td>DAISUKE AMIYA</td> <td>10/31/2013</td> </tr> <tr> <td>HIROSHI SAKAI</td> <td>10/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	HIDEAKI TAKAHOSHI	10/31/2013	DAISUKE AMIYA	10/31/2013	HIROSHI SAKAI	10/31/2013
Name	Execution Date								
HIDEAKI TAKAHOSHI	10/31/2013								
DAISUKE AMIYA	10/31/2013								
HIROSHI SAKAI	10/31/2013								
RECEIVING PARTY DATA									
Name:	SHOWA DENKO K.K.								
Street Address:	13-9, SHIBA DAIMON 1-CHOME, MINATO-KU,								
City:	TOKYO								
State/Country:	JAPAN								
Postal Code:	105-8518								
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>14071787</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14071787				
Property Type	Number								
Application Number:	14071787								
CORRESPONDENCE DATA									
Fax Number:	(202)797-8188								
Phone:	202 797 4181								
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Address Line 2:	SUITE 400								
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20007								
ATTORNEY DOCKET NUMBER:	13SHD-005								
NAME OF SUBMITTER:	HERMAN PARIS								
Signature:	/Herman Paris/								

Date:

11/05/2013

Total Attachments: 5

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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)
Hideaki TAKAHOSHI, Daisuke AMIYA,
Hiroshi SAKAI

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

2. Name and address of receiving party(ies)
Name: SHOWA DENKO K.K.
Internal Address: _____

3. Nature of conveyance/Execution Date(s):
Execution Date(s) October 31, 2013
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

Street Address: 13-9, Shiba Daimon 1-chome, Minato-ku,

City: Tokyo
State: _____
Country: JP Zip: 105-8518
Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s): This document serves as an Oath/Declaration (37 CFR 1.63).
A. Patent Application No.(s)

Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:
Name: IPUSA, PLLC
Internal Address: _____

Street Address: 1054 31st Street, N.W., Suite 400

City: Washington
State: DC Zip: 20007
Phone Number: 202-797-4181
Docket Number: 13SHD-005
Email Address: ipusa@ipusapat.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 50-4424
Authorized User Name Herman W. Paris

9. Signature: /Herman W. Paris/ 2013/11/05
Signature Date

Herman W. Paris
Name of Person Signing Total number of pages including cover sheet, attachments, and documents: **5**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

THIS ASSIGNMENT, by (1) Hideaki TAKAHOSHI, (2) Daisuke AMIYA, and (3) Hiroshi SAKAI (hereinafter referred to as "Assignors"), residing at (1) Ichihara-shi, Chiba, Japan, (2) Ichihara-shi, Chiba, Japan (3) Ichihara-shi, Chiba, Japan, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SERVO INFORMATION RECORDING METHOD AND MAGNETIC STORAGE APPARATUS

(Application No. _____, filed _____)

set forth in a patent application for Letters Patent of the United States, either previously filed or executed concurrently herewith; and

WHEREAS, SHOWA DENKO K.K. (hereinafter referred to as "Assignee"), having offices at 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 Japan, is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuation-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and Assignment not been made;

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles, and or interests that have arisen to Assignee under the law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and application for Letters Patent above-mentioned, and that the same are

unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns; that Assignors will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns shall advise; that any proceeding in connection with said inventions, or said patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

AND Assignors hereby request that the Director of the United States Patent and Trademark Office issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the said Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

AND Assignors hereby grant the following individuals 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 United States Patent and Trademark Office for recordation of this document: All practitioners associated with the Customer Number 77464.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

2013. 10.31
Date

Hideaki TAKAHOSHI
Hideaki TAKAHOSHI

Date

Daisuke AMIYA

Date

Hiroshi SAKAI

ASSIGNMENT

THIS ASSIGNMENT, by (1) Hideaki TAKAHOSHI, (2) Daisuke AMIYA, and (3) Hiroshi SAKAI (hereinafter referred to as "Assignors"), residing at (1) Ichihara-shi, Chiba, Japan, (2) Ichihara-shi, Chiba, Japan (3) Ichihara-shi, Chiba, Japan, respectively;

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AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles, and or interests that have arisen to Assignee under the law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and application for Letters Patent above-mentioned, and that the same are

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AND Assignors hereby request that the Director of the United States Patent and Trademark Office issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the said Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

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AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date

Hideaki TAKAHOSHI

October 31, 2013

Date

Daisuke AMIYA

Daisuke AMIYA

October 31, 2013

Date

Hiroshi SAKAI

Hiroshi SAKAI