

PATENT ASSIGNMENT COVER SHEET

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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>KOJI ITO</td> <td>12/12/2013</td> </tr> <tr> <td>ATSUSHI OGASAWARA</td> <td>12/12/2013</td> </tr> <tr> <td>KOYA MUYARI</td> <td>12/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	KOJI ITO	12/12/2013	ATSUSHI OGASAWARA	12/12/2013	KOYA MUYARI	12/12/2013
Name	Execution Date								
KOJI ITO	12/12/2013								
ATSUSHI OGASAWARA	12/12/2013								
KOYA MUYARI	12/12/2013								
RECEIVING PARTY DATA									
Name:	SHINDENGEN ELECTRIC MANUFACTURING CO., LTD.								
Street Address:	2-1, OHTEMACHI 2-CHOME, CHIYODA-KU								
City:	TOKYO								
State/Country:	JAPAN								
Postal Code:	100-0004								
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>14233108</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14233108				
Property Type	Number								
Application Number:	14233108								
CORRESPONDENCE DATA									
Fax Number:									
Phone:	7038641111								
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ATTORNEY DOCKET NUMBER:	4592-038								
NAME OF SUBMITTER:	BENJAMIN J. HAUPTMAN								
Signature:	/Benjamin J. Hauptman/								

Date:	01/16/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 1 source=ASSIGNMENT#page1.tif	

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) **Koji ITO**
- 2) **Atsushi OGASAWARA**
- 3) **Koya MUYARI**

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

SHINDENGEN ELECTRIC MANUFACTURING CO., LTD. having a place of business at 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 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

GLASS COMPOSITION FOR PROTECTING SEMICONDUCTOR JUNCTION, METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE AND SEMICONDUCTOR DEVICE

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

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, 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 agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees 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 date indicated aside my signature:

1) Koji Ito
Name: **Koji ITO**

Dec. 12. 2013
Date:

2) Atsushi Ogasawara
Name: **Atsushi OGASAWARA**

December 12, 2013
Date:

3) Koya MUYARI
Name: **Koya MUYARI**

Dec, 12, 2013
Date: