**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

<table>
<thead>
<tr>
<th>SUBMISSION TYPE:</th>
<th>NEW ASSIGNMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATURE OF CONVEYANCE:</td>
<td>ASSIGNMENT</td>
</tr>
</tbody>
</table>

**CONVEYING PARTY DATA**

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Takeshi HISHIDA</td>
<td>12/18/2009</td>
</tr>
<tr>
<td>Tsutomu IGARASHI</td>
<td>12/18/2009</td>
</tr>
</tbody>
</table>

**RECEIVING PARTY DATA**

<table>
<thead>
<tr>
<th>Name</th>
<th>SUMITOMO ELECTRIC DEVICE INNOVATIONS, INC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address</td>
<td>1, Kanai-cho, Sakae-ku,</td>
</tr>
<tr>
<td>City</td>
<td>Yokohama, Kanagawa</td>
</tr>
<tr>
<td>State/Country</td>
<td>JAPAN</td>
</tr>
<tr>
<td>Postal Code</td>
<td>244-0845</td>
</tr>
</tbody>
</table>

**PROPERTY NUMBERS Total: 1**

<table>
<thead>
<tr>
<th>Property Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Number</td>
<td>12690973</td>
</tr>
</tbody>
</table>

**CORRESPONDENCE DATA**

Fax Number: (202)822-1111  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 2028221100

Email: PatentMail@Whdapatentlaw.com

Correspondent Name: Westerman, Hattori, Daniels & Adrian LLP

Address Line 1: 1250 Connecticut Avenue NW,

Address Line 2: Suite 700

Address Line 4: Washington,, DISTRICT OF COLUMBIA 20036

**ATTORNEY DOCKET NUMBER:** 100036

**NAME OF SUBMITTER:** Stephen G. Adrian

Total Attachments: 1  
source=100036_assignment#page1.tif
U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar ($1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by SUMITOMO ELECTRIC DEVICE INNOVATIONS, INC.

1, Kanai-cho, Sakae-ku, Yokohama, Kanagawa 244-0845, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest in the invention entitled

SEMICONDUCTOR DEVICE

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on _____ Serial No. _____

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

Takeshi Hishida
(Signature)
Type Name
Takeshi HISHIDA
(Date)

Tsutomu Igarashi
(Signature)
Type Name
Tsutomu IGARASHI
(Date)

(Date)

(Date)

(Date)

(Date)

(Date)

No legalization required

RECORD: 01/22/2010

PATENT

REEL: 023831 FRAME: 0068