

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yoshiro HIROSE</td> <td>09/09/2009</td> </tr> <tr> <td>Yushin TAKASAWA</td> <td>09/10/2009</td> </tr> <tr> <td>Tomohide KATO</td> <td>09/09/2009</td> </tr> <tr> <td>Naonori AKAE</td> <td>09/09/2009</td> </tr> </tbody> </table>		Name	Execution Date	Yoshiro HIROSE	09/09/2009	Yushin TAKASAWA	09/10/2009	Tomohide KATO	09/09/2009	Naonori AKAE	09/09/2009
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<b>RECEIVING PARTY DATA</b>											
Name:	Hitachi Kokusai Electric, Inc.										
Street Address:	14-1, Sotokanda 4-chome,										
City:	Chiyoda-ku, Tokyo										
State/Country:	JAPAN										
Postal Code:	1018980										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12551001</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12551001						
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<b>CORRESPONDENCE DATA</b>											
Fax Number:	(703)684-1470										
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Correspondent Name:	BRUNDIDGE & STANGER, P.C.										
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NAME OF SUBMITTER:	Carl I. Brundidge										
Total Attachments: 1 source=1074_Assignment#page1.tif											

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**500998565**

**PATENT**  
**REEL: 023426 FRAME: 0937**

# ASSIGNMENT

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to the undersigned by Hitachi Kokusai Electric, Inc., a corporation organized under the laws of Japan, located at 14-1 Sotokanda 4-chome, Chiyoda-ku, Tokyo 1018980, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Kokusai Electric, Inc., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE AND SUBSTRATE PROCESSING APPARATUS

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi Kokusai Electric, Inc., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi Kokusai Electric, Inc.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)	Date Signed
1) Yoshiro Hirose Yoshiro Hirose	September 9, 2009
2) Yushin Takasawa Yushin Takasawa	September 10, 2009
3) Tomohide Kato Tomohide Kato	September 9, 2009
4) Naonori Akae Naonori Akae	September 9, 2009