

PATENT ASSIGNMENT

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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>Katsuyoshi Hamano</td> <td>03/08/2012</td> </tr> <tr> <td>Yasutoshi Tsubota</td> <td>03/08/2012</td> </tr> <tr> <td>Masayuki Tomita</td> <td>03/08/2012</td> </tr> <tr> <td>Teruo Yoshino</td> <td>03/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Katsuyoshi Hamano	03/08/2012	Yasutoshi Tsubota	03/08/2012	Masayuki Tomita	03/08/2012	Teruo Yoshino	03/08/2012		
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CORRESPONDENCE DATA													
Fax Number:	(215)568-6499												
Phone:	215-568-6400												
Email:	jheuer@vklaw.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Volpe and Koenig, P.C.												
Address Line 1:	30 South 17th Street												
Address Line 2:	United Plaza												
Address Line 4:	Philadelphia, PENNSYLVANIA 19103												
ATTORNEY DOCKET NUMBER:	HITACHI10-21010043US01												
NAME OF SUBMITTER:	Daniel N. Calder												
Total Attachments: 1 source=21010043US01_Assignment_EFS#page1.tif													

CH \$40.00 13409783

PATENT

ASSIGNMENT
(讓渡証)

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 me citizen of Japan by Hitachi Kokusai Electric Inc., a corporation organized under the laws of Japan, located at 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo, 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

**SUBSTRATE PROCESSING APPARATUS AND A METHOD OF MANUFACTURING
A SEMICONDUCTOR DEVICE**

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 our signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) Katsuyoshi HAMANO Katsuyoshi HAMANO 3 / 8 / 2012

2) Yasutoshi Tsubota Yasutoshi TSUBOTA 3 / 8 / 2012

3) Masayuki Tomita Masayuki TOMITA 3 / 8 / 2012

4) Teruo Yoshino Teruo YOSHINO 3 / 8 / 2012