To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
   Go SAITO
   Toshiaki NISHIDA
   Takahiro SHIMOMURA
   Takao ARASE

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

3. Nature of conveyance:
   ☑ Assignment
   ☐ Merger
   ☐ Security Agreement
   ☐ Change of Name
   ☐ Other

Execution Date: August 17, 2005, August 17, 2005.
August 17, 2005 and August 17, 2005.

4. Application number(s) or patent number(s):
   If this document is being filed together with a new application, the execution date of the application is: August 17, 2005.
   A. Patent Application No. (s)

Additional number(s) attached ☐ Yes ☑ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

   Internal Address:
   1300 NORTH 17TH STREET – SUITE 1800

   City: ARLINGTON State: VA Zip 22209

6. Total number of applications and patents involved ☑

7. Total fee (37 CFR 3.41) .................... $40.00
   ☑ Enclosed
   ☐ Authorized to be charged to deposit account

8. Deposit account number:
   01-2135

(Attach duplicate copy of this page if paying by deposit account)

   To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William I. Solomon, Reg#28,565
Name of Person Signing

Signature
08/24/2005
Date

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patent & Trademarks, Box Assignments
Washington, D.C. 20231

08/25/2005 YPOLITEI 00000073 11209653
04 FC:8021 (40.00 OP)

PATENT
REEL: 016919 FRAME: 0383
ASSIGNMENT
(譲渡証)

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 High-Technologies Corporation, a corporation organized under the laws of Japan, located at 1-24-14, Nishi Shimbashi, Minato-ku, Tokyo 105-8717, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi High-Technologies Corporation, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICES

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 High-Technologies Corporation, 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 High-Technologies Corporation.

Signed on the date(s) indicated aside signatures:

<table>
<thead>
<tr>
<th>INVENTOR(S)</th>
<th>Date Signed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) SAIITO, Go</td>
<td>17/Aug/2005</td>
</tr>
<tr>
<td>2) NISHIDA, Toshiaki</td>
<td>17/Aug/2005</td>
</tr>
<tr>
<td>3) SHIMOMURA, Takahiro</td>
<td>17/Aug/2005</td>
</tr>
<tr>
<td>4) ARASE, Takao</td>
<td>17/Aug/2005</td>
</tr>
<tr>
<td>5)</td>
<td></td>
</tr>
<tr>
<td>6)</td>
<td></td>
</tr>
<tr>
<td>7)</td>
<td></td>
</tr>
<tr>
<td>8)</td>
<td></td>
</tr>
<tr>
<td>9)</td>
<td></td>
</tr>
<tr>
<td>10)</td>
<td></td>
</tr>
</tbody>
</table>

RECORDED: 08/24/2005

PATENT
REEL: 016919 FRAME: 0384