

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Teruo Haibara</td> <td>04/25/2012</td> </tr> <tr> <td>Yoshihiro Mori</td> <td>04/25/2012</td> </tr> <tr> <td>Etsuko Kubo</td> <td>04/25/2012</td> </tr> <tr> <td>Masashi Uchibe</td> <td>04/25/2012</td> </tr> </tbody> </table>		Name	Execution Date	Teruo Haibara	04/25/2012	Yoshihiro Mori	04/25/2012	Etsuko Kubo	04/25/2012	Masashi Uchibe	04/25/2012
Name	Execution Date										
Teruo Haibara	04/25/2012										
Yoshihiro Mori	04/25/2012										
Etsuko Kubo	04/25/2012										
Masashi Uchibe	04/25/2012										
RECEIVING PARTY DATA											
Name:	Siltronic AG										
Street Address:	Hanns-Seidel-Platz 4										
City:	Munich										
State/Country:	GERMANY										
Postal Code:	81737										
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>13618624</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13618624						
Property Type	Number										
Application Number:	13618624										
CORRESPONDENCE DATA											
Fax Number:	3126165700										
Phone:	3126165600										
Email:	assignments@leydig.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:	Leydig, Voit & Mayer, Ltd.										
Address Line 1:	Two Prudential Plaza, Suite 4900										
Address Line 2:	180 North Stetson Avenue										
Address Line 4:	Chicago, ILLINOIS 60601-6731										
ATTORNEY DOCKET NUMBER:	812838										
NAME OF SUBMITTER:	Thomas P. Canty										
Total Attachments: 3 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif											

CH \$40.00 13618624

**ASSIGNMENT**

I, Teruo Haibara, a citizen of Japan, residing at 7-32-9 Mitsui; 743-0011 Hikari, Yamaguchi; JAPAN; and

I, Yoshihiro Mori, a citizen of Japan, residing at 700-118 Ookawachi; 745-0651 Shunan, Yamaguchi; JAPAN; and

I, Etsuko Kubo, a citizen of Japan, residing at 3-20-2 Nijigaoka; 743-0031 Hikari, Yamaguchi; JAPAN; and

I, Masashi Uchibe, a citizen of Japan, residing at 7-15-201 Murozumi-ohmachi; 743-0072 Hikari, Yamaguchi; JAPAN;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

Siltronic AG

an entity organized under the laws of Germany, located at Hanns-Seidel-Platz 4, 81737 Munich, GERMANY (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, in and for the United States of America only in and to my Invention entitled:

**CLEANING APPARATUS, MEASUREMENT METHOD AND CALIBRATION METHOD**

invented by me and described in the specification bearing the above Attorney Docket No. and title executed by me concurrently herewith; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, including the right to sue for past infringement and any such recovery, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have

been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

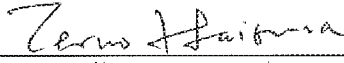
And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: 20/2-04-25

  
Teruo Haibara, Inventor

Dated: 2012-04-25

森 良弘  
Yoshihiro Mori, Inventor

Dated: 2012-04-25

久保 悦子  
Etsuko Kubo, Inventor

Dated: 2012-04-25

内野 真志  
Masashi Uchibe, Inventor