

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>Yoshihiro Mori</td> <td>03/14/2013</td> </tr> <tr> <td>Masashi Uchibe</td> <td>03/14/2013</td> </tr> <tr> <td>Teruo Haibara</td> <td>03/14/2013</td> </tr> <tr> <td>Etsuko Kubo</td> <td>03/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yoshihiro Mori	03/14/2013	Masashi Uchibe	03/14/2013	Teruo Haibara	03/14/2013	Etsuko Kubo	03/30/2013
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<table border="1"> <tr> <td>Name:</td> <td>Siltronic AG</td> </tr> <tr> <td>Street Address:</td> <td>Hanns-Seidel-Platz 4</td> </tr> <tr> <td>City:</td> <td>Munich</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>81737</td> </tr> </table>		Name:	Siltronic AG	Street Address:	Hanns-Seidel-Platz 4	City:	Munich	State/Country:	GERMANY	Postal Code:	81737
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CORRESPONDENCE DATA											
<p>Fax Number: 3126165700 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 3126165600 Email: assignments@leydig.com</p> <p>Correspondent Name: Leydig, Voit & Mayer, Ltd. (Frankfurt of Address Line 1: Two Prudential Plaza, Suite 4900 Address Line 2: 180 North Stetson Avenue Address Line 4: Chicago, ILLINOIS 60601-6731</p>											
ATTORNEY DOCKET NUMBER:	813184										
NAME OF SUBMITTER:	Thomas P. Canty										
Signature:	/Thomas P. Canty/										

PATENT

Date:

05/13/2013

Total Attachments: 12

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ASSIGNMENT

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

I, Masashi Uchibe, a citizen of Japan, residing at 875-2 Nakano; 693-0062 Izumo;
Shimane; JAPAN; and

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

I, Etsuko Kubo, a citizen of Japan, residing at 2-35 ems square; Makinokidai; 512-
1306 Yokkaichi; Mie; JAPAN;

and each of us, if more than one person is identified above, have invented and own a certain
invention entitled:

ULTRASONIC CLEANING METHOD AND ULTRASONIC CLEANING
APPARATUS

described in the patent application bearing the above Attorney Docket No. and title and

WHEREAS, Siltronic AG, having an address at Hanns-Seidel-Platz 4; 81737 Munich;
GERMANY,

hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign
right, title, and interest in and under the invention described in the above patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency
of which are hereby acknowledged, I/we assign and transfer to the Assignee and the
Assignee's legal representatives, successors and assigns my/our full and exclusive rights in
and to the invention in the U.S. and every foreign country and my/our entire right, title, and
interest in and to the patent application and other such applications (e.g., provisional
applications, non-provisional applications, continuations, continuations-in-part, divisionals,
reissues, reexaminations, National phase applications, including petty patent applications, and
utility model applications) that may be filed in the United States and every foreign country on

the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and I/we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

UPON SAID CONSIDERATION, I/we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

I/WE DO HEREBY COVENANT and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I/we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

Date 2013-03-14

Yoshihiro Mori
Yoshihiro Mori, Inventor

Date _____

Masashi Uchibe, Inventor

Attorney Docket No. 813184
(Client Ref. 2012P00049 US)

Date _____
Teruo Haibara, Inventor

Date _____
Etsuko Kubo, Inventor

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Date _____

Yoshihiro Mori, Inventor

Date 2013-03-18

内部 奥佐志
Masashi Uchibe, Inventor

Attorney Docket No. 813184
(Client Ref. 2012P00049 US)

Date _____
Teruo Haibara, Inventor

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Yoshihiro Mori, Inventor

Date _____

Masashi Uchibe, Inventor

Attorney Docket No. 813184
(Client Ref. 2012P00049 US)

Date March 14, 2013

Teruo Haibara
Teruo Haibara, Inventor

Date _____

Etsuko Kubo, Inventor

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Teruo Haibara, Inventor

Date 2013.3.30

Etsuko Kubo

Etsuko Kubo, Inventor