

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kei SHINADA</td> <td>04/05/2011</td> </tr> <tr> <td>Shigeyoshi HORIIKE</td> <td>04/05/2011</td> </tr> <tr> <td>Takahiro NISHIMOTO</td> <td>04/05/2011</td> </tr> <tr> <td>Katsuhisa KITANO</td> <td>04/15/2011</td> </tr> </tbody> </table>		Name	Execution Date	Kei SHINADA	04/05/2011	Shigeyoshi HORIIKE	04/05/2011	Takahiro NISHIMOTO	04/05/2011	Katsuhisa KITANO	04/15/2011
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>SHIMADZU CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>1, Nishinokyo-Kuwabara-cho, Nakagyo-ku</td> </tr> <tr> <td>City:</td> <td>Kyoto-shi, Kyoto</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>604-8511</td> </tr> </table>		Name:	SHIMADZU CORPORATION	Street Address:	1, Nishinokyo-Kuwabara-cho, Nakagyo-ku	City:	Kyoto-shi, Kyoto	State/Country:	JAPAN	Postal Code:	604-8511
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>OSAKA UNIVERSITY</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Yamadaoka</td> </tr> <tr> <td>City:</td> <td>Suita-shi, Osaka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>565-0871</td> </tr> </table>		Name:	OSAKA UNIVERSITY	Street Address:	1-1, Yamadaoka	City:	Suita-shi, Osaka	State/Country:	JAPAN	Postal Code:	565-0871
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Postal Code:	565-0871										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13092003</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13092003						
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CORRESPONDENCE DATA											
<p>Fax Number: (310)595-3400</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 310-595-3000</p> <p>Email: cliff.keyner@dlapiper.com</p> <p>Correspondent Name: DLA PIPER US LLP</p> <p>Address Line 1: 1999 AVENUE OF THE STARS</p>											

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PATENT
REEL: 026166 FRAME: 0240

Address Line 2: SUITE 400
Address Line 4: LOS ANGELES, CALIFORNIA 90067-6023

ATTORNEY DOCKET NUMBER:	376931-000016
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NAME OF SUBMITTER:	Lawrence J. McClure
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Total Attachments: 3 source=16_assg#page1.tif source=16_assg#page2.tif source=16_assg#page3.tif
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RECORDATION FORM COVER LETTER
PATENTS ONLY

Attorney Docket No.: 376931-000016

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kei SHINADA executed 04/05/2011
Shigeyoshi HORIIKE executed 04/05/2011
Takahiro NISHIMOTO executed 04/05/2011
Katsuhisa KITANO executed 04/15/2011

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: April 5 and 15, 2011

2. Name and address of receiving party(ies):

SHIMADZU CORPORATION
1, Nishinokyo-Kuwabara-cho, Nakagyo-ku
Kyoto-shi, Kyoto 604-8511

and

OSAKA UNIVERSITY
1-1, Yamadaoka, Suita-shi
Osaka 565-0871 Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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: April 15, 2011

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Lawrence J. McClure, Esq.
DLA PIPER LLP (US)
1999 Avenue of the Stars, Suite 400
Los Angeles, CA 90067

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) \$40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

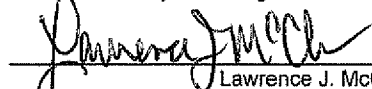
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9. Statement and signature.

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


Lawrence J. McClure

Date: April 21, 2011

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

ASSIGNMENT
譲渡証書

(1-8) 発明者名	(1) (5) (2) (6) (3) (7) (4) (8) 以下の署名者各々に対して支払わ れる価値ある対価に基づき、下記 署名者は被譲渡人、	(1-8) Name(s) of Inventor(s)	(1) Kei SHINADA (5) (2) Shigeyoshi HORIIKE (6) (3) Takahiro NISHIMOTO (7) (4) Katsuhisa KITANO (8) In consideration of the good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
(9) 被譲渡人氏名	(9)	(9) Name of Assignee	(9) Shimadzu Corporation
(10) 被譲渡人の会社 設立の州名	(10)	(10) State of Incorporation of Assignee	(10) Osaka University Corporation of Japan
(11) 被譲渡人の住所	(11)	(11) Address of Assignee	(11) Corporation of Japan of 1, Nishinokyo-Kuwabara-cho, Nakagyo-ku, Kyoto-shi, Kyoto 604- 8511, Japan 1-1, Yamadaoka, Suita-shi, Osaka 565-0871, Japan (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as
(12) 発明の名称、件 名番号、又は外国に於け る特許出願番号等の発明 を識別するもの	(12) で識別される特許出願として公知 の発明、及びそれに対応する若し くはそれに基づいた外国での全て の特許出願として公知の発明の世 界各国に亘っての権利、所有権及 び利益を譲渡することに同意し、 ここに譲渡する。	(12) Identification of Invention, such as Title, Case Number or Foreign Application Number	(12) DISCHARGE IONIZATION CURRENT DETECTOR for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
(13) 署名日宣言	(13) 日付 1) 下記署名者は、上記の発明に関し米国及び外国 に於ける原出願、再発行、分割出願及び継続出願に必要な 全ての書類手続きを遂行することに同意する。さらに下記 署名者は、被譲渡人が必要もしくは便宜と看做した際に は、かかる出願に関し別個の譲渡手続きを行うことに同意 する。 2) 下記署名者は、当該出願又はその継続出願又は 分割出願に関し提起され得る抵触審査に関連して必要な全 ての書類手続きを遂行することに同意する。さらにかかる 抵触審査が発生した際には、証拠の収集等事態の進展に関 し被譲渡人に対しあらゆる協力をすることに同意する。 3) 下記署名者は、パリ条約条項又は類似の合意の 要求又は規定に関し必要な全ての書類手続き、及び必要と 看做される行為全てを遂行することに同意する 4) 下記署名者は、被譲渡人が有効な米国特許の付 与の獲得にあたり必要と看做されるあらゆる積極的行動を とることに同意する。	(13) Date(s) of Signing of Declaration	(13) on April 5 and 15, 2011 1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient. 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference. 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) 下記署名者は、ここに、特許庁長官に対し、被譲渡人を全利益の被譲渡人と看做し、当該出願又はその分割及び継続出願の米国特許証を被譲渡人に発行する権限を与え、かかる発行を要請する。下記署名者はさらに、被譲渡人はここに譲渡される全利益の譲渡を受ける権利を有すること、及び当該内容に違反する内容の契約は締結していないことを誓約する。

6) 下記署名者は、ここに、
顧客番号

000073230

で表される者に、この書類の登録に関して米国特許商標庁の規則の順守にあたり必要もしくは望ましい識別番号等をこの譲渡証書に追加する権限を与える。

日付	第一署名者
日付	第二署名者
日付	第三署名者
日付	第四署名者
日付	第五署名者
日付	第六署名者

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest here in assigned and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints the persons associated with
Customer Number:

000073230

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 5/April, 2011 Signature of Inventor 1 Kei Shinoda

Date: 5/April, 2011 Signature of Inventor 2 Shigeyoshi Horike

Date: 5/April, 2011 Signature of Inventor 3 Takahiro Nishimoto

Date: 15/April, 2011 Signature of Inventor 4 Motochika Mitano

Date: Signature of Inventor 5

Date: Signature of Inventor 6