

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2626316

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>FUJIIHIKO TOYOMASU</td> <td>11/18/2013</td> </tr> <tr> <td>TORU MARUYAMA</td> <td>11/18/2013</td> </tr> <tr> <td>MITSunORI KOMATSU</td> <td>11/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	FUJIIHIKO TOYOMASU	11/18/2013	TORU MARUYAMA	11/18/2013	MITSunORI KOMATSU	11/18/2013		
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TORU MARUYAMA	11/18/2013										
MITSunORI KOMATSU	11/18/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>EBARA CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>11-1, HANEDA ASAHI-CHO</td> </tr> <tr> <td>Internal Address:</td> <td>OHTA-KU</td> </tr> <tr> <td>City:</td> <td>TOKYO</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	EBARA CORPORATION	Street Address:	11-1, HANEDA ASAHI-CHO	Internal Address:	OHTA-KU	City:	TOKYO	State/Country:	JAPAN
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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>14080685</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14080685						
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CORRESPONDENCE DATA											
Fax Number:	(215)568-3439										
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ATTORNEY DOCKET NUMBER:	EBMZ-0029										
NAME OF SUBMITTER:	ROZELL PRICE FISCHER										
Signature:	/Rozell Price Fischer/										

Date:

11/22/2013

**Total Attachments: 6**

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ASSIGNMENT

WHEREAS, I, Fujihiko TOYOMASU, a citizen of Japan, residing at c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, Japan, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number EBMZ-0029 ("the invention"), which is entitled "SUBSTRATE CLEANING APPARATUS AND SUBSTRATE CLEANING METHOD" ("the subject application"), and which claims priority to Japanese patent application number 2012-250960 filed November 15, 2012 ("the priority application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, EBARA CORPORATION, ASSIGNEE, having a place of business at 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, Japan, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming

DOCKET NO.: EBMZ-0029

the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 18th day of November, year of 2013.

*Fujihiko Toyomasu*

Signature (Fujihiko TOYOMASU)

\*\*\*\*\*

**STATEMENT OF WITNESS**

SIGNED at \_\_\_\_\_

(City)

(Country)

This \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_.

I, \_\_\_\_\_ whose full

residence address is \_\_\_\_\_

\_\_\_\_\_ was personally present and did see \_\_\_\_\_ execute the above assignment on the \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_, and such assignor is personally known to me to be the person described in such document.

\_\_\_\_\_  
Signature of Witness

\*\*\*\*\*

The foregoing assignment covers patent application number 14/080,685, filed on November 14, 2013.

/Michael J. Swope/

Name of Attorney: Michael J. Swope

Registration No.: 38,041

Date of Insertion: November 22, 2013

ASSIGNMENT

WHEREAS, I, Toru MARUYAMA, a citizen of Japan, residing at c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, Japan, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number EBMZ-0029 ("the invention"), which is entitled "SUBSTRATE CLEANING APPARATUS AND SUBSTRATE CLEANING METHOD" ("the subject application"), and which claims priority to Japanese patent application number 2012-250960 filed November 15, 2012 ("the priority application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, EBARA CORPORATION, ASSIGNEE, having a place of business at 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, Japan, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming

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the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 18th day of November, year of 2013.

  
Signature (Toru MARUYAMA)

\*\*\*\*\*

STATEMENT OF WITNESS

SIGNED at \_\_\_\_\_

(City)

(Country)

This \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_.

I, \_\_\_\_\_ whose full

residence address is \_\_\_\_\_

\_\_\_\_\_ was personally present and did see \_\_\_\_\_ execute the above assignment on the \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_, and such assignor is personally known to me to be the person described in such document.

\_\_\_\_\_  
Signature of Witness

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The foregoing assignment covers patent application number 14/080,685, filed on November 14, 2013.

\_\_\_\_\_  
/Michael J. Swope/

Name of Attorney: Michael J. Swope

Registration No.: 38,041

Date of Insertion: November 22, 2013

ASSIGNMENT

WHEREAS, I, Mitsunori KOMATSU, a citizen of Japan, residing at c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, Japan, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number EBMZ-0029 ("the invention"), which is entitled "SUBSTRATE CLEANING APPARATUS AND SUBSTRATE CLEANING METHOD" ("the subject application"), and which claims priority to Japanese patent application number 2012-250960 filed November 15, 2012 ("the priority application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, EBARA CORPORATION, ASSIGNEE, having a place of business at 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, Japan, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

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the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 18th day of November, year of 2013.

Mitsunori Komatsu  
Signature (Mitsunori KOMATSU)

\*\*\*\*\*

**STATEMENT OF WITNESS**

SIGNED at \_\_\_\_\_

(City)

(Country)

This \_\_\_\_ day of \_\_\_\_\_, 201\_\_.

I, \_\_\_\_\_ whose full

residence address is \_\_\_\_\_

\_\_\_\_\_ was personally present and did see \_\_\_\_\_ execute the above assignment on the \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_, and such assignor is personally known to me to be the person described in such document.

\_\_\_\_\_  
Signature of Witness

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/Michael J. Swope/

Name of Attorney: Michael J. Swope

Registration No.: 38,041

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