

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6071653

| | |
|------------------------------|----------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| YU ISHII | 02/25/2013 |
| HIROYUKI KAWASAKI | 02/25/2013 |
| KENICHI NAGAOKA | 02/25/2013 |
| KENYA ITO | 02/25/2013 |
| MASAKO KODERA | 02/25/2013 |
| HIROSHI TOMITA | 02/25/2013 |
| TAKESHI NISHIOKA | 02/25/2013 |

RECEIVING PARTY DATA

| | |
|------------------------|----------------------------------|
| Name: | EBARA CORPORATION |
| Street Address: | 11-1, HANEDA ASAHI-CHO, OHTA-KU |
| City: | TOKYO |
| State/Country: | JAPAN |
| Name: | KABUSHIKI KAISHA TOSHIBA |
| Street Address: | 1-1, SHIBAURA 1-CHOME, MINATO-KU |
| City: | TOKYO |
| State/Country: | JAPAN |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16405559 |

CORRESPONDENCE DATA

Fax Number: (206)624-7317

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 206-332-1380

Email: assignments@bakerlaw.com

Correspondent Name: BAKERHOSTETLER

Address Line 1: 999 THIRD AVENUE

Address Line 2: SUITE 3600

Address Line 4: SEATTLE, WASHINGTON 98104-4040

| | |
|--------------------------------|-------------------|
| ATTORNEY DOCKET NUMBER: | 101716.000205 |
| NAME OF SUBMITTER: | BARTH ZURKAMMER |
| SIGNATURE: | /Barth Zurkammer/ |
| DATE SIGNED: | 04/21/2020 |

Total Attachments: 14

source=101716.000205-Assignment-Inventors to Toshiba-EBARA#page1.tif
source=101716.000205-Assignment-Inventors to Toshiba-EBARA#page2.tif
source=101716.000205-Assignment-Inventors to Toshiba-EBARA#page3.tif
source=101716.000205-Assignment-Inventors to Toshiba-EBARA#page4.tif
source=101716.000205-Assignment-Inventors to Toshiba-EBARA#page5.tif
source=101716.000205-Assignment-Inventors to Toshiba-EBARA#page6.tif
source=101716.000205-Assignment-Inventors to Toshiba-EBARA#page7.tif
source=101716.000205-Assignment-Inventors to Toshiba-EBARA#page8.tif
source=101716.000205-Assignment-Inventors to Toshiba-EBARA#page9.tif
source=101716.000205-Assignment-Inventors to Toshiba-EBARA#page10.tif
source=101716.000205-Assignment-Inventors to Toshiba-EBARA#page11.tif
source=101716.000205-Assignment-Inventors to Toshiba-EBARA#page12.tif
source=101716.000205-Assignment-Inventors to Toshiba-EBARA#page13.tif
source=101716.000205-Assignment-Inventors to Toshiba-EBARA#page14.tif

DOCKET NO.:

ASSIGNMENT

WHEREAS, I, Yu ISHII 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 ("the invention"), which is entitled "SUBSTRATE PROCESSING APPARATUS AND SUBSTRATE PROCESSING METHOD" ("the subject application"), and which claims priority to Japanese patent application number 2012-35365 filed February 21, 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, and KABUSHIKI KAISHA TOSHIBA, ASSIGNEE, having a place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, are 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.:

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 25th day of February, year of 2013.

Yu Ishii
Signature (Yu ISHII)

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 13/772,031, filed on February 20, 2013.

/Peter Trahms-Neudorfer/
Name of Attorney: Peter Trahms-Neudorfer
Registration No.: 59,282
Date of Insertion: April 10, 2013

DOCKET NO.:

ASSIGNMENT

WHEREAS, I, Hiroyuki KAWASAKI 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 ("the invention"), which is entitled "SUBSTRATE PROCESSING APPARATUS AND SUBSTRATE PROCESSING METHOD" ("the subject application"), and which claims priority to Japanese patent application number 2012-35365 filed February 21, 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, and KABUSHIKI KAISHA TOSHIBA, ASSIGNEE, having a place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, are 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.:

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 25th day of February, year of 2013.

Hiroyuki Kawasaki
Signature (Hiroyuki KAWASAKI)

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 13/772,031, filed on February 20, 2013.

/Peter Trahms-Neudorfer/
Name of Attorney: Peter Trahms-Neudorfer
Registration No.: 59,282
Date of Insertion: April 10, 2013

DOCKET NO.:

ASSIGNMENT

WHEREAS, I, Kenichi NAGAOKA 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 ("the invention"), which is entitled "SUBSTRATE PROCESSING APPARATUS AND SUBSTRATE PROCESSING METHOD" ("the subject application"), and which claims priority to Japanese patent application number 2012-35365 filed February 21, 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, and KABUSHIKI KAISHA TOSHIBA, ASSIGNEE, having a place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, are 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.:

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 25th day of February, year of 2013.

Kenichi Nagaoka

Signature (Kenichi NAGAOKA)

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 13/772,031, filed on February 20, 2013.

/Peter Trahms-Neudorfer/

Name of Attorney: Peter Trahms-Neudorfer
Registration No.: 59,282
Date of Insertion: April 10, 2013

DOCKET NO.:

ASSIGNMENT

WHEREAS, I, Kenya ITO 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 ("the invention"), which is entitled "SUBSTRATE PROCESSING APPARATUS AND SUBSTRATE PROCESSING METHOD" ("the subject application"), and which claims priority to Japanese patent application number 2012-35365 filed February 21, 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, and KABUSHIKI KAISHA TOSHIBA, ASSIGNEE, having a place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, are 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.:

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 25th day of February, year of 2013.


Signature (Kenya ITO)

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 13/772,031, filed on February 20, 2013.

/Peter Trahms-Neudorfer/
Name of Attorney: Peter Trahms-Neudorfer
Registration No.: 59,282
Date of Insertion: April 10, 2013

DOCKET NO.:

ASSIGNMENT

WHEREAS, I, Masako KODERA citizen of Japan, residing at Yokohama-shi, Kanagawa-ken, Japan, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number (the invention), which is entitled "SUBSTRATE PROCESSING APPARATUS AND SUBSTRATE PROCESSING METHOD" (the subject application), and which claims priority to Japanese patent application number 2012-35365 filed February 21, 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, and KABUSHIKI KAISHA TOSHIBA, ASSIGNEE, having a place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, are 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.:

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 25th day of February, year of 2013.

Masako Koder

Signature (Masako KODERA)

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 13/772,031, filed on February 20, 2013.

/Peter Trahms-Neudorfer/

Name of Attorney: Peter Trahms-Neudorfer

Registration No.: 59,282

Date of Insertion: April 10, 2013

DOCKET NO.:

ASSIGNMENT

WHEREAS, I, Hiroshi TOMITA citizen of Japan, residing at Yokohama-shi, Kanagawa-ken, Japan, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number ("the invention"), which is entitled "SUBSTRATE PROCESSING APPARATUS AND SUBSTRATE PROCESSING METHOD" ("the subject application"), and which claims priority to Japanese patent application number 2012-35365 filed February 21, 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, and KABUSHIKI KAISHA TOSHIBA, ASSIGNEE, having a place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, are 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.:

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 25th day of February, year of 2013.

Hiroshi Tomita
Signature (Hiroshi TOMITA)

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 13/772,031, filed on February 20, 2013.

/Peter Trahms-Neudorfer/
Name of Attorney: Peter Trahms-Neudorfer
Registration No.: 59,282
Date of Insertion: April 10, 2013

DOCKET NO.:

ASSIGNMENT

WHEREAS, I, Takeshi NISHIOKA citizen of Japan, residing at Yokohama-shi, Kanagawa-ken, Japan, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number (the invention), which is entitled "SUBSTRATE PROCESSING APPARATUS AND SUBSTRATE PROCESSING METHOD" (the subject application), and which claims priority to Japanese patent application number 2012-35365 filed February 21, 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, and KABUSHIKI KAISHA TOSHIBA, ASSIGNEE, having a place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, are 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.:

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 25th day of February, year of 2013.

Takeshi Nishioka

Signature (Takeshi NISHIOKA)

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 13/772,031, filed on February 20, 2013.

/Peter Trahms-Neudorfer/

Name of Attorney: Peter Trahms-Neudorfer

Registration No.: 59,282

Date of Insertion: April 10, 2013