502891077 07/14/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2937674

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

CONVEYING PARTY DATA

| Name | Execution Date | |
|--------------------|----------------|--|
| TOMOATSU ISHIBASHI | 07/07/2014 | |

RECEIVING PARTY DATA

| Name: | EBARA CORPORATION | | |
|-----------------|---------------------------------|--|--|
| Street Address: | 11-1, HANEDA ASAHI-CHO, OHTA-KU | | |
| City: | TOKYO | | |
| State/Country: | JAPAN | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | | |
|---------------------|----------|--|--|
| Application Number: | 14321796 | | |

CORRESPONDENCE DATA

Fax Number: (215)568-3439

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: 215-568-3100

Email: rpricefischer@bakerlaw.com **Correspondent Name: BAKER & HOSTETLER LLP**

Address Line 1: 2929 ARCH STREET

Address Line 2: CIRA CENTRE, 12TH FLOOR

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19104-2891

| ATTORNEY DOCKET NUMBER: | 101716.000079 |
|-------------------------|------------------------|
| NAME OF SUBMITTER: | ROZELL PRICE FISCHER |
| SIGNATURE: | /Rozell Price Fischer/ |
| DATE SIGNED: | 07/14/2014 |

Total Attachments: 2

source=101716-000079 Assignment#page1.tif source=101716-000079 Assignment#page2.tif

> **PATENT REEL: 033308 FRAME: 0760**

502891077

DOCKET NO.: 101716.000079

ASSIGNMENT

WHEREAS, I, Tomoatsu ISHIBASHI, 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[01716.000079("the invention"), which is entitled "SUBSTRATE CLEANING APPARATUS AND SUBSTRATE CLEANING METHOD" ("the subject application"), and which claims priorities to Japanese patent application number 2013-139622 filed July 3, 2013 and Japanese patent application number 2013-148403 filed July 17, 2013 ("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.: 101716.000079

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.

| | NY WHEREOF, | I have sign | ned my | name be | elow on t | he date i | ndicated above |
|---|------------------|---------------|--------|-----------|----------------|--------------|----------------|
| my signature. | | T1 | | | 004.4 | | |
| Executed this7th | day of | July | , | year of _ | 2014 | • | |
| | | | | | | | |
| Tomoatru lahit | ashi | | | | | | |
| Signature (Tomoatsu I | SHIBASHI) | | | | | | |
| ****** | ***** | ****** | ***** | ***** | ****** | ***** | ****** |
| STATEMENT OF W | ITNESS | | | | | | |
| SIGNED at | | | | | | | |
| (City) | (Country) | | | | | | |
| This day of | | , 201 | | | | | |
| I, | | | | who | se full | | |
| | | | | | | | |
| residence address is | | | | | - , | | |
| | <u> </u> | | | | | | |
| was personally presen | nt and did see | | | execut | e the ab | ove assi | onment on the |
| day of | | | | | | | |
| person described in su | | . | • | | J | | |
| | | | | | | | |
| | | ٠ | | | | | |
| | | | | | | | |
| Signature of Witness | | | | | | | |
| ما د باد داد داد داد داد داد داد داد داد | | | | | | | |
| ******* | ***** | ****** | **** | ***** | ***** | ***** | ***** |
| The foregoing assignm _ July 1, 2014 . | ent covers paten | t application | on num | ber1 | 4/321,79 | <u>6</u> , t | filed on |
| | /n.r.' 1 | 1 - 0 | 7/ | | | | |
| | | Attomass | | ad I C | | | |
| | Registrat | Attorney: | 38,041 | | ope | | |
| | Date of In | | - | 4, 2014 | | | |
| | | · • | | ., | | | |

Page 2 of 2

PATENT REEL: 033308 FRAME: 0762

RECORDED: 07/14/2014