PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5950045

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOMOATSU ISHIBASHI	01/09/2020
HIROSHI ISHIKAWA	01/09/2020
MASUMI NISHIJIMA	01/09/2020

RECEIVING PARTY DATA

Name:	EBARA CORPORATION
Street Address:	11-1, HANEDA ASAHI-CHO, OTA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	1448510

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16783546

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	045288.000059
NAME OF SUBMITTER:	BARTH ZURKAMMER
SIGNATURE:	/Barth Zurkammer/
DATE SIGNED:	02/06/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 051741 FRAME: 0337

Docket No.: 045288,000059

COMBINED DECLARATION AND ASSIGNMENT

ASSIGNMENT

Assignor(s)

NAME: Tomoatsu ISHIBASHI

Address: c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ota-ku, Tokyo 1448510 Japan

NAME: Hiroshi ISHIKAWA

Address: c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ota-ku, Tokyo 1448510 Japan

NAME: Masumi NISHIJIMA

Address: c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ota-ku, Tokyo 1448510 Japan

WHEREAS, ASSIGNOR(S) (listed above), are inventor(s) of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number ("the invention"), which is entitled

Substrate cleaning method and substrate cleaning apparatus

("the subject application"), and which claims priority to patent application number JP2019-020880 filed February 7, 2019 ("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, OTA-KU, TOKYO 1448510 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, ASSIGNOR(S), hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, the 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

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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 ASSIGNOR(S) HEREBY covenant and agree that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNOR(S) HEREBY further covenant and agree that ASSIGNOR(S) will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to ASSIGNOR(S) 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 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.

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COMBINED DECLARATION AND ASSIGNMENT

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Substrate cleaning method and substrate cleaning annaratus

The of invention	Substrate cleaning method and substrate cleaning apparatus		
As the below named inve	entor(s), I/we declare that:		
This combined declaration	on and assignment is directed to:		
\boxtimes the attached	application, or		
United States	s application or PCT international application number	filed	
on			

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Notice to Inventor(s): A person may not execute this declaration unless that person has reviewed and understands the contents of the above-identified application, including the claims.

Notice to Inventor(s): A person may not execute this declaration unless that person is aware of the duty to disclose to the US Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

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COMBINED DECLARATION AND ASSIGNMENT

Tomoatsu ISHIBASHI Printed Name in English

Taxadea Ashi Lashi Inventor's Signature

January 9, 2020 Date

<u>Hiroshi ISHIKAWA</u> Printed Name in English

Hiroshi Ishikawa
Inventor's Signature

January 9, 2020 Date

Masumi NISHIJIMA
Printed Name in English

Manni Nishijima Inventor's Signature

January 9, 2020 Date

The foregoing Combined Declaration and Assignment covers patent application number $\underline{16/783.546}$, filed on $\underline{\text{February 6, 2020}}$.

/Michael J. Swope/

Name of Attorney: Michael J. Swope

Registration No.: 38,041

Date of Insertion: February 6, 2020

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RECORDED: 02/06/2020