PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5278159

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| SHAO HUA CHANG | 09/10/2018 |
| JUMPEI FUJIKATA | 09/10/2018 |

RECEIVING PARTY DATA

| Name: | EBARA CORPORATION | |
|-----------------|--|--|
| Street Address: | reet Address: 11-1, HANEDA ASAHI-CHO, OTA-KU | |
| City: | TOKYO | |
| State/Country: | JAPAN | |
| Postal Code: | 144-8510 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 16216852 | |

CORRESPONDENCE DATA

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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.

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Address Line 1: 999 THIRD AVENUE SUITE 3600
Address Line 4: SEATTLE, WASHINGTON 98104

| ATTORNEY DOCKET NUMBER: | 101728.000137 |
|--|---------------|
| NAME OF SUBMITTER: | MANDY XIONG |
| SIGNATURE: | /Mandy Xiong/ |
| DATE SIGNED: | 12/11/2018 |
| This document serves as an Oath/Declaration (37 CFR 1.63). | |

Total Attachments: 4

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| source=101728_000137Comnined_declaration_and_assignmentfinal_#page3.tif |
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PATENT 505231389 REEL: 047748 FRAME: 0499

Docket No.:101728.000137

COMBINED DECLARATION AND ASSIGNMENT

ASSIGNMENT

Assignor(s)

NAME SHAO HUA CHANG

Address c/o Ebara Corporation of 11-1, Haneda Asahi-cho, Ota-ku, Tokyo 144-8510 Japan

NAME Jumpei FUJIKATA

Address c/o Ebara Corporation of 11-1, Haneda Asahi-cho, Ota-ku, Tokyo 144-8510 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 101728.000137 ("the invention"), which is entitled

WAVE ABSORBING MEMBER ATTACHABLE TO PADDLE AND PLATING APPARATUS INCLUDING WAVE ABSORBING MEMBER

("the subject application"), and which claims priority to patent application number 240776/2017 filed December 15, 2017 ("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 144-8510 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 applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of

Docket No.: 101728.000137

COMBINED DECLARATION AND ASSIGNMENT

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)

Title of Invention

WAVE ABSORBING MEMBER ATTACHABLE TO PADDLE AND PLATING APPARATUS INCLUDING WAVE ABSORBING MEMBER

As the below named inventor(s), I/we declare that:

This combined declaration and assignment is directed to:

.

| the attached app | plication, or | |
|---|---------------|-------|
| United States 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

SHAO HUA CHANG

Printed Name in English

SHAO HUA CHANG Inventor's Signature

2014.09.10 Date

Jumpei FUJIKATA Printed Name in English

 $\frac{20[8,9,10]}{\text{Date}}$

The foregoing Combined Declaration and Assignment covers patent application number 16/216,852, filed on December 11, 2018

/Michael J. Swope/

Name of Attorney: Michael J. Swope

38,041 Registration No.:

Date of Insertion: December 11, 2018

RECORDED: 12/11/2018