507021712 12/10/2021

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT7068547

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIDEKI WAKABAYASHI	10/07/2021
TENSEI SATO	10/01/2021
KAZUMA IDEGUCHI	10/01/2021

RECEIVING PARTY DATA

Name:	EBARA CORPORATION
Street 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:	17548060

CORRESPONDENCE DATA

Fax Number: (206)624-7317

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: SEATTLE, WASHINGTON 98104-4040

ATTORNEY DOCKET NUMBER:	101728.000271
NAME OF SUBMITTER:	BARTH ZURKAMMER
SIGNATURE:	/Barth Zurkammer/
DATE SIGNED:	12/10/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

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PATENT REEL: 058363 FRAME: 0642 507021712

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PATENT REEL: 058363 FRAME: 0643

Docket No.: 101728.000271

COMBINED DECLARATION AND ASSIGNMENT

ASSIGNMENT

Assignor(s)

NAME Hideki WAKABAYASHI

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

NAME Tensei SATO

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

NAME Kazuma IDEGUCHI

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 101728.000271 ("the invention"), which is entitled

SHORT CIRCUIT DETECTION METHOD IN PLATING APPARATUS, CONTROL METHOD OF PLATING APPARATUS, AND PLATING APPARATUS

("the subject application"), and which claims priority to patent application number 2021-007274 filed January 20, 2021 ("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

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Docket No.: 101728.000271

COMBINED DECLARATION AND ASSIGNMENT

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 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.

Docket No.: 101728.000271

on

COMBINED DECLARATION AND ASSIGNMENT

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

SHORT CIRCUIT DETECTION METHOD IN PLATING APPARATUS,

Title of Invention	CONTROL METHOD OF PLATING APPARATUS, AND APPARATUS	PLATING
As the below named in	ventor(s), I/we declare that:	
This combined declara	ntion and assignment is directed to:	
the attache	d application, or	
United Sta	tes application or PCT international application number	filed

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.

Docket No.: 101728.000271

COMBINED DECLARATION AND ASSIGNMENT

Hideki WAKABAYASHI
Printed Name in English

Hideki WakabayaSh?
Inventor's Signature

October 7, 202/

Application No.: 17/548,060

Tensei SATO
Printed Name in English

Tensel Sato
Inventor's Signature

October 1, 2021
Date

Kazuma IDEGUCHI
Printed Name in English

Kuzuma Tdeguchi
Inventor's Signature

Oc tober 1, 2021
Date

Docket No.: 101728.000271

COMBINED DECLARATION AND ASSIGNMENT

The foregoing Combined Declaration and Assignment covers patent application number <u>17/548,060</u>, filed on <u>December 10, 2021</u>.

/Michael J. Swope/

Name of Attorney: Michael J. Swope

Registration No.: 38,041

Date of Insertion: December 10, 2021