504449957 07/10/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4496658

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUNITSU YAMAKAWA	04/03/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15636041

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ATTORNEY DOCKET NUMBER:	101728.000067
NAME OF SUBMITTER:	MANDY XIONG
SIGNATURE:	/Mandy Xiong/
DATE SIGNED:	07/10/2017

Total Attachments: 2

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PATENT 504449957 REEL: 042956 FRAME: 0514

DOCKET NO.: 101728.000067

ASSIGNMENT

WHEREAS, I, Junitsu YAMAKAWA, a citizen of Japan, residing at c/o Ebara Corporation of 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 Japan, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number 000067 ("the invention"), which is entitled

CLEANING APPARATUS, PLATING APPARATUS USING THE SAME, AND CLEANING METHOD

("the subject application"), and which claims priority to patent application numbers 127630/2016 filed June 28, 2016 and 133933/2016 filed June 28, 2016 ("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 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, 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.: 101728.000

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.

	Y WHEREOF, I have	signed my nam	e below on the c	late indicated above
my signature.				
Executed this3rd	day ofApril	, year	of <u>2017</u> .	
Junitsu Yama	rfaua			
Signature: Junitsu YAM	AKAWA			
**************************************		*****	*****	*******
SIGNED atTokyo,	Japan		laydddiigad ywyddd differywyn yngwynodd gy	
(City)	(C	ountry)		
This <u>3rd</u> day of <u>Ap</u>	oril ,201 <u>7</u>	÷		
[, Masahiko SE	KIMOTO		whose full	
residence address is <u>c/o</u> 8510 Japan,		of 11-1, Haned	a Asahi-cho, Ol	nta-ku, Tokyo 144-
was personally present 3rd day of April person described in such Ma Sa hi Ko Se A	, 201 <u>7</u> , and a document.			
Signature of Witness				
*********	*******	*****	******	******
The foregoing assignme June 28, 2017	nt covers patent applic	ation number_	15/636,041	, filed on
	/Michael J. S	Swope/		
	Name of Attorno Registration No.		Swope	

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Date of Insertion: July 10, 2017

PATENT REEL: 042956 FRAME: 0516

RECORDED: 07/10/2017