503652330 01/15/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HISANORI MATSUO	01/08/2016
KEISUKE SUZUKI	01/08/2016
TAKAHIRO TAJIRI	01/08/2016
PANART KHAJORNRUNGRUANG	01/08/2016
YOSHIHIRO MOCHIZUKI	01/08/2016

RECEIVING PARTY DATA

Name:	EBARA CORPORATION
Street Address:	11-1, HANEDA ASAHI-CHO, OHTA-KU
City:	TOKYO
State/Country:	JAPAN
Name:	KYUSHU INSTITUTE OF TECHNOLOGY
Name: Street Address:	KYUSHU INSTITUTE OF TECHNOLOGY 1-1 SENSUI-CHO, TOBATA-KU, KITAKYUSHU-SHI

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14974898

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: assignments@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: 101716.000125

NAME OF SUBMITTER: CARLY WHIMS

PATENT 503652330 REEL: 037504 FRAME: 0358

SIGNATURE:	/Carly Whims/
DATE SIGNED:	01/15/2016
Total Attachments: 10	
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PATENT REEL: 037504 FRAME: 0359

ASSIGNMENT

WHEREAS, I, Hisanori MATSUO, 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 ("the invention"), which is entitled "METHOD AND APPARATUS FOR MEASURING SURFACE PROPERTIES OF POLISHING PAD" ("the subject application"), and which claims priority to Japanese patent application number 2014-265694 filed December 26, 2014 ("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, and Kyushu Institute of Technology, ASSIGNEE, having a place of business at 1-1 Sensui-cho, Tobata-ku, Kitakyushu-shi, Fukuoka, Japan, are 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.

DOCKET NO.: 101716.000125 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.

IN TEST my signature.	'IMONY V	VHEREOF,	, I have signed	d my name bo	elow on the	e date indicated above
Executed this	8th	day of _	January	, year of _	2016	
Aisonon 1,	Matsu	\sim				
Signature (Hisa *********		,	<*********	******	*****	*******
STATEMENT SIGNED at					<u>.</u>	
(City)			(Countr	у)		
This day	of		_, 201			
I,				wh	ose full	
residence addres	ss is					
was personally	present an	d did see, 20		execu	te the abo	ove assignment on the known to me to be the
Signature of Wi	tness					
*****	******	******	*****	*****	******	********
The foregoing a	ssignment	covers pate	nt application	number		, filed on
		N)	£ A 44 a 2000			
			f Attorney: ation No.:			
		Date of	Insertion:			

ASSIGNMENT

WHEREAS, I, Yoshihiro MOCHIZUKI, 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 ("the invention"), which is entitled "METHOD AND APPARATUS FOR MEASURING SURFACE PROPERTIES OF POLISHING PAD" ("the subject application"), and which claims priority to Japanese patent application number 2014-265694 filed December 26, 2014 ("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.

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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.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this	8th day of	January	, year of _	2016	
	Juho ihiro MOCHIZUKI		*****	*****	******
STATEMENT SIGNED at	OF WITNESS				
(City)		(Country))		
This day	of	, 201			
I,			who	ose full	
residence addres	s is				
day of	present and did see , 2 l in such document.	01, and such a	executussignor is p	e the above a ersonally knov	assignment on the wn to me to be the
Signature of Wit	ness				
*****	******	*****	****	*****	******
The foregoing as	ssignment covers par	tent application r	number		_, filed on
	·				
	Name	of Attorney:			
	•	ration No.:			
	Date o	f Insertion:			

ASSIGNMENT

WHEREAS, I, Keisuke SUZUKI, a citizen of Japan, residing at c/o Kyushu Institute of Technology, 680-4 Kawazu, Iizuka-shi, Fukuoka, 820-8502, Japan, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number ("the invention"), which is entitled "METHOD AND APPARATUS FOR MEASURING SURFACE PROPERTIES OF POLISHING PAD" ("the subject application"), and which claims priority to Japanese patent application number 2014-265694 filed December 26, 2014 ("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.

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DOCKET NO.: 101716.000125 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. IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above

my signature.		
Executed this 8th	day ofJanuary, year of2016	·
Keisuhe Saz Signature (Keisuke SUZ	suki	
	ZUKI) ***************************	********
STATEMENT OF WI'SIGNED at	TNESS	
(City)	(Country)	
This day of	, 201	
Ι,	whose full	
was personally present	and did see execute the a, 201, and such assignor is personal	above assignment on the
person described in such		ly known to me to be the
Signature of Witness		
*******	**************	*********
The foregoing assignme	nt covers patent application number	, filed on
	Name of Attorney:	
	Registration No.:	
	Date of Insertion:	

ASSIGNMENT

WHEREAS, I, Takahiro TAJIRI, a citizen of Japan, residing at c/o Kyushu Institute of Technology, 680-4 Kawazu, Iizuka-shi, Fukuoka, 820-8502, Japan, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number ("the invention"), which is entitled "METHOD AND APPARATUS FOR MEASURING SURFACE PROPERTIES OF POLISHING PAD" ("the subject application"), and which claims priority to Japanese patent application number 2014-265694 filed December 26, 2014 ("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.

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DOCKET NO.: 101716.000125
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IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.
Executed this 8th day of January, year of 2016.
Takahiro TAJIRI
Signature (Takahiro TAJIRI) **********************************
STATEMENT OF WITNESS SIGNED at
(City) (Country)
This day of, 201
I, whose full
residence address is
was personally present and did see execute the above assignment on the day of, 201, and such assignor is personally known to me to be the person described in such document.
Signature of Witness

Page 2 of 2

The foregoing assignment covers patent application number ______, filed on

Name of Attorney: Registration No.: Date of Insertion:

ASSIGNMENT

WHEREAS, I, Panart Khajornrungruang, a citizen of Thailand, residing at c/o Kyushu Institute of Technology, 680-4 Kawazu, Iizuka-shi, Fukuoka, 820-8502, Japan, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number ("the invention"), which is entitled "METHOD AND APPARATUS FOR MEASURING SURFACE PROPERTIES OF POLISHING PAD" ("the subject application"), and which claims priority to Japanese patent application number 2014-265694 filed December 26, 2014 ("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.

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IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this8	thday ofJanuary, year of2016
Pomet Kh	raying s
Signature (Panart F	 Khajornrungruang) ************************************
STATEMENT OF SIGNED at	WITNESS
(City)	(Country)
This day of	, 201
I,	whose full
residence address is	3
day of	sent and did see execute the above assignment on the, 201, and such assignor is personally known to me to be the
person described in	such document.
Signature of Witne	3S
****	**************************************
The foregoing assig	gnment covers patent application number, filed on
	Name of Attorney:
	Registration No.:
	Date of Insertion: