PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4994405

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SATORU YAMAKI	05/22/2018
MAKOTO FUKUSHIMA	05/22/2018
KEISUKE NAMIKI	05/22/2018
OSAMU NABEYA	05/22/2018
SHINGO TOGASHI	05/21/2018
TOMOKO OWADA	05/22/2018
YOSHIKAZU KATO	05/28/2018

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:	15950989

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	111428.000001
NAME OF SUBMITTER:	MANDY XIONG
SIGNATURE:	/Mandy Xiong/
DATE SIGNED:	06/06/2018

PATENT REEL: 046005 FRAME: 0461 Total Attachments: 11
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PATENT REEL: 046005 FRAME: 0462

Docket No.: 111428.000001

COMBINED DECLARATION AND ASSIGNMENT

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

DECEMENTION	APPLICATION DATA SHEE	ET (37 CFR 1.76)
Title of Invention	ELASTIC MEMBRANE, SUBSTI POLISHING APPARATUS	RATE HOLDING DEVICE, AND
As the below name	ed inventor, I hereby declare that:	
This combined dec	claration and assignment is directed to	o:
the :	attached application; or	
⊠ Uni	ted States application number 15/950	9,989 filed on April 11, 2018.
The above-identific	ed application was made or authorize	ed to be made by me.
I believe that I am application.	the original inventor or an original jo	oint inventor of a claimed invention in the
I have reviewed an	d understand the contents of the above	ve-identified application, and I
acknowledge the d	uty to disclose to the United States Pa	atent and Trademark Office all
information known	n to me to be material to patentability	as defined in 37 CFR 1.56.
I hereby acknowled	dge that any willful false statement m	nade in this declaration is punishable
under 18 U.S.C. 10	001 by fine or imprisonment of not m	ore than five (5) years, or both.
LEGAL NAME O	F INVENTOR:	
Inventor: Satoru Y		Date: 5/22 / 2018
Signature Sate	oru Yamaki	
Inventor: Makoto	FUKUSHIMA	Date: 5/22/2018
Signature	rakato Tarkustin	
Inventor: Keisuke	NAMIKI	Date:
Signature /2/	uke Framiki	5/22/2018

Docket No.: 111428.000001

Inventor: Osamu NABEYA	Date: 5/22/2018
Signature Osamu Nobeya	
Inventor: Shingo TOGASHI	Date: 5/2//20/8
Signature Shirpe Togashi	,
Inventor: Tomoko OWADA	Date: 5/22/20/8
Signature Tomoko Owada	,
Inventor: Yoshikazu KATO	Date: 5/28/2018
Signature Yoshikazu Kato	

Docket No.: 111428.000001

COMBINED DECLARATION AND ASSIGNMENT

ASSIGNMENT

ASSIGNOR(S):

NAME Satoru YAMAKI

ADDRESS c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510, Japan

NAME Makoto FUKUSHIMA

ADDRESS c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510, Japan

NAME Keisuke NAMIKI

ADDRESS c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510, Japan

NAME Osamu NABEYA

ADDRESS c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510, Japan

NAME Shingo TOGASHI

ADDRESS c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510, Japan

NAME Tomoko OWADA

ADDRESS c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510, Japan

NAME Yoshikazu KATO

ADDRESS c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-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 111428.000001 ("the invention"), which is entitled

ELASTIC MEMBRANE, SUBSTRATE HOLDING DEVICE, AND POLISHING APPARATUS

("the subject application"), and which claims priority to patent application numbers Japanese Patent Application No. 2017-078933 filed on April 12, 2017, and Japanese Patent Application No. 2018-042410 filed on March 8, 2018 ("the priority application").

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:

Docket No.: 111428.000001

COMBINED DECLARATION AND ASSIGNMENT

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR(S), 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 ASSIGNOR(S) HEREBY covenant and agree that ASSIGNOR(S) have full right to convey my 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.: 111428.000001

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above
my signature.
Executed this 22 day of May, year of 2018.
Satory Yamaki
Satoru YAMAKI

STATEMENT OF WITNESS
SIGNED at Tokyo, JAPAN, (City, Country)
this $\frac{29}{}$ day of $\frac{May}{}$, year of 2018.
I, Yoshiko ISHIWATA whose full residence address is
11-1 Haneda Asahi-cho, Ofita-ku, Tokyo. 144-8510, Japan
was personally present and did see <u>Satoru YAMAKI</u> execute the above assignment on the <u>day of</u> , year of 2018, and such assignor is personally known to me to be the person described in such document.
Joshibo Ishinata
Signature of Witness

Docket No.: 111428.000001

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above
my signature. Executed this 22 day of May, year of 2018.
Makoto FUKUSHIMA

STATEMENT OF WITNESS
SIGNED at Tokyo, JAPAN, (City, Country)
this, year of 2018.
I, Yoshiko ISHIWATA whose full residence address is
11-1 Haneda Asahi-cho, Ohta-ka, Tokyo 144-8510, Japan
was personally present and did see Makoto FUKUSHIMA execute the above assignment on the day of, year of 2018, and such assignor is personally known to me to be the person described in such document.
Joshiho Ishwata
Signature of Witness

Docket No.: 111428.000001

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above
my signature.
Executed this 22 day of May, year of 2018.
<u>Reisuke Ramiki</u> Keisuke NAMIKI

STATEMENT OF WITNESS
SIGNED at Tokyo, JAPAN, (City, Country)
this $\frac{29}{}$ day of $\frac{May}{}$, year of 2018.
I, Yoshiko ISHIWATA whose full residence address is
11-1 Haneda Asahi-cho, Ohta-kn. Tokyo, 144-8570. Japan
was personally present and did see <u>Keisuke NAMIKI</u> execute the above assignment on the <u>day of</u> , year of 2018, and such assignor is personally known to me to be the person described in such document.
Yvshiho Ishwate
Signature of Witness

Docket No.: 111428.000001

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated abov
my signature.
Executed this 22 day of May, year of 2018.
Osamu Nabeya Osamu NABEYA
Osamu NABEYA

STATEMENT OF WITNESS
SIGNED at Tokyo, JAPAN, (City, Country)
this $\frac{29}{}$ day of $\frac{May}{}$, year of 2018.
I, Yoshiko ISHIWATA whose full residence address is
11-1 Haneda Asahi-cho, Ohta-kn, Tokyo 144-8370, Japan
was personally present and did see Osamu NABEYA execute the above assignment on the day of, year of 2018, and such assignor is personally known to me to be the person described in such document.
Joshon Jahuvala
Signature of Witness

Docket No.: 111428.000001

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.
Executed this, year of 2018.
Shingo Togashi'

STATEMENT OF WITNESS
SIGNED at Tokyo, JAPAN, (City, Country)
this $\frac{29}{9}$ day of $\frac{May}{}$, year of 2018.
I, Joshiko ISHI WATA whose full residence address is
11-1 Haneda Asahi-cho, Otita-kn, Tokyo 144-8570, Japan
was personally present and did see Shingo TOGASHI execute the above assignment on the day of, year of 2018, and such assignor is personally known to me to be the person described in such document.
Yvshim Ishvate
Signature of Witness

Docket No.: 111428.000001

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated abov
my signature.
Executed thisday of, year of 2018.
Tomoko Ounda
Tomoko OWADA

STATEMENT OF WITNESS
SIGNED at Tokyo, JAPAN, (City, Country)
this $\frac{9}{29}$ day of $\frac{May}{}$, year of 2018.
I, Yoshiko ISHIWATA whose full residence address is
11-1 Haneda Asahi-cho, Ohta-ku, Tokyo 144-8570, Japan
was personally present and did see <u>Tomoko OWADA</u> execute the above assignment on the <u>day of</u> , year of 2018, and such assignor is personally known to me to
be the person described in such document.
yoshka Ishinale
Signature of Witness

Docket No.: 111428.000001

COMBINED DECLARATION AND ASSIGNMENT

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.
Executed this 28 day of May , year of 2018.
Yoshikazu Kato
Yoshikazu KATO

STATEMENT OF WITNESS
SIGNED at Tokyo, JAPAN, (City, Country)
this $\frac{29}{}$ day of May, year of 2018.
I, <u>Toshiko ISHIWATA</u> whose full residence address is
11-1 Haneda Asahi-cho, Ohta-kn. Tokyo 144-8510. Japan
was personally present and did see Yoshikazu KATO execute the above assignment on the day of, year of 2018, and such assignor is personally known to me to be the person described in such document.
Yoshiho Ishiwate
Signature of Witness

Page 11 of 11