

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4609447

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MASAHITO KAWAI	08/22/2017
HIROMI SAKACHO	08/22/2017
MASASHI OBUCHI	08/22/2017
HIROSHI UCHIDA	08/22/2017
MIHO ISONO	08/22/2017
KENTA TOKAIRIN	08/22/2017
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:	15560909
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	2165791700
Email:	kblanchard@pearne.com
Correspondent Name:	PEARNE & GORDON LLP
Address Line 1:	1801 EAST 9TH STREET
Address Line 2:	SUITE 1200
Address Line 4:	CLEVELAND, OHIO 44114-3108
ATTORNEY DOCKET NUMBER:	EBARA1-58039
NAME OF SUBMITTER:	AARON A. FISHMAN
SIGNATURE:	/Aaron A. Fishman/
DATE SIGNED:	09/25/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	

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Total Attachments: 5

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**DECLARATION AND ASSIGNMENT
FOR US UTILITY OR DESIGN PATENT APPLICATION**

Attorney Docket No.: _____

As a below-named inventor, I hereby declare that:

this declaration is directed to the application entitled:

VOLUTE PUMP

(check only one item below)

☐ attached hereto,

OR

☒ filed on March 24, 2016 as United States Application Number or PCT International
Application Number PCT/JP2016/059380.

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the
above-identified 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.

WHEREAS, new and useful improvements have been made by the undersigned as
described in the above-identified application.

WHEREAS, EBARA CORPORATION, having

a place of business at 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 Japan, hereinafter
referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the
world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and
sufficiency of which are hereby acknowledged, all right, title, and interest, in the United
States and throughout the world, in, to and under said improvements and inventions and all
patents, patent applications, patent rights, and inventors' certificates thereof, therefor, and
therein, including without limitation said application for patent in the United States, all
divisions and continuations thereof, all patents which may be granted thereon, all reissues and
extensions thereof, all right to sue for past infringement thereunder, all patents which may be
granted for said improvements and inventions by states or nations other than the United
States, or by other authority, entity, or organization, all applications therefor, and all rights of

priority resulting from the filing of said applications, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

IN WITNESS WHEREOF, this declaration and assignment has been executed below by the undersigned:

Legal Name of Inventor: Masahito KAWAI

Signature of Inventor: Masahito Kawai

Date: August 22, 2017

Witness: _____

Witness: _____

[X] Signatures of additional inventors on attached sheet(s)

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.

For applications filed under AIA
(on or after September 16, 2012)

Additional Inventor(s)

Legal Name of Inventor: Hiromi SAKACHO

Signature of Inventor: Hiromi Sakacho

Date: August 22, 2017

Witness: _____

Witness: _____

Additional Inventor(s)

Legal Name of Inventor: Masashi OBUCHI

Signature of Inventor: Masashi Obuchi

Date: August 22, 2017

Witness: _____

Witness: _____

Legal Name of Inventor: Hiroshi UCHIDA

Signature of Inventor: Hiroshi Uchida

Date: August 22, 2017

Witness: _____

Witness: _____

Additional Inventor(s)

Legal Name of Inventor: Miho ISONO

Signature of Inventor: Miho ISONO

Date: August 22, 2017

Witness: _____

Witness: _____

Legal Name of Inventor: Kenta TOKAIRIN

Signature of Inventor: Kenta TOKAIRIN

Date: August 22, 2017

Witness: _____

Witness: _____

Legal Name of Inventor: _____

Signature of Inventor: _____

Date: _____

Witness: _____

Witness: _____