505470974 05/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5517777

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUJI SUZUKI	04/02/2019
AKIHIRO UTO	04/02/2019
NAOYUKI MIYARA	04/26/2019
HIROKI HARA	04/22/2019
SHINSUKE KIYOMIYA	04/09/2019
AKIRA FUJII	04/08/2019

RECEIVING PARTY DATA

Name:	TAIHO KOGYO CO., LTD.
Street Address:	65, MIDORIGAOKA 3-CHOME
City:	TOYOTA-SHI, AICHI-KEN
State/Country:	JAPAN
Postal Code:	471-8502
Name	TOYOTA UDOQUIA KARUKUKAKAKA
Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
Street Address:	1, TOYOTA-CHO
Street Address:	1, TOYOTA-CHO

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16345972

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000
Email: wsmith@oblon.com
Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 049143 FRAME: 0122

505470974

ATTORNEY DOCKET NUMBER:	521547US
NAME OF SUBMITTER:	WILLIAM SMITH
SIGNATURE:	/William Smith/
DATE SIGNED:	05/10/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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

Title of VANE PUMP
As the below named inventor, I hereby declare that:
This declaration The attached application, or
s directed to:
The above-identified application was made or authorized to be made by me.
believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, TAIHO KOGYO Co., Ltd. and TOYOTA JIDOSHA KABUSHIKI KAISHA
hereinafter referred to as "ASSIGNEES") having places of business at: <u>65, Midorigaoka 3-chome, Toyota-shi</u> <u>Aichi-ken, 471-8502, Japan and 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571, Japan, respectively are desirous or bintly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Pater hat may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;</u>
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby cknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto aid ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and their relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and exterest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial ossessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and my and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the ssignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES neir successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and nutirely as the same would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me especting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything ossible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said evention in the United States and its territorial possessions and in any and all foreign countries.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 y fine or imprisonment of not more than five (5) years, or both.
EGAL NAME OF INVENTOR
oventor: Yuji SUZUKI Date: April 2 2019
imature: Yuji Cuzuki
IONAINIE TUITT VIANIELI

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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

Title of VANE PUMP Invention
ANTONESON .
As the below named inventor, I hereby declare that:
This declaration The attached application, or
is directed to: United States application or PCT international application number PCT/JP2017/039092 filed on October 30, 2017
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.
WHEREAS, TAIHO KOGYO Co., Ltd. and TOYOTA JIDOSHA KABUSHIKI KAISHA
(hereinaster referred to as "ASSIGNEES") having places of business at: 65, Midorigaoka 3-chome, Toyota-shi, Aichi-ken, 471-8502, Japan and 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571, Japan, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.
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.
LEGAL NAME OF INVENTOR
Inventor: Akihiro UTO Date: April 2 20/9
Signature: Spikiro Uto

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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

Title of Invention	VANE PUMP	
As the below name	d inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT international filed on October 30, 2017	application number PCT/JP2017/039092
The above-identifie	ed application was made or authorized to be made	e by me.
I believe that I am	the original inventor or an original joint inventor	of a claimed invention in the application.
	IHO KOGYO Co., Ltd. and TOYOTA JIDOSHA	** - * - · · · · · · · · · · · · · · · ·
Aichi-ken. 471-850 jointly acquiring in	2. Japan and I. Toyota-cho. Toyota-shi. Aichi-k terests in the entire right, title and interest in and	ness at: 65. Midorigaoka 3-chome. Toyota-shi. en. 471-8571. Japan, respectively are desirous of to said invention and in and to any Letters Patent possessions and in any and all foreign countries;
acknowledged, and said ASSIGNEES, and in all foreign c other relevant Inter interest in and to a	I for other good and valuable consideration, I, be the full and exclusive right to the said invention countries (including the right to claim priority uncountries) and Treaties and Arrangements from the af- any and all Letters Patent which may be granted any and all foreign countries and in and to	OLLARS (\$5.00), the receipt whereof is hereby by these presents do sell, assign and transfer unto in the United States and its territorial possessions ider the terms of the International Convention and foresaid application) and the entire right, title and and therefor in the United States and its territorial of any and all divisions, reissues, continuations,
any and all foreign assignees of my en their successors an	n countries to issue any and all of said Letters P ntire right, title and interest in and to the same, t	e United States and its territorial possessions and Patent, when granted, to said ASSIGNEES as the for the sole use and behoof of said ASSIGNEES, a said Letters Patent may be granted, as fully and nent and sale not been made.
respecting said in continuation, subst all of said Letters possible to aid sai	vention, and testify in any legal proceeding, itute, renewal and reissue applications, execute a Patent to be issued to said ASSIGNEES, make	S or their representatives any facts known to me sign all lawful papers, execute all divisional, all necessary assignment papers to cause any and e all rightful oaths, and, generally do everything to obtain and enforce proper protection for said any and all foreign countries.
by fine or imprison	rment of not more than five (5) years, or both.	his declaration is punishable under 18 U.S.C. 1001
LEGAL NAME O	F INVENTOR	
Inventor: Naoyul	ki MIYARA	Date: April 26, 2019
Signature:	laoxuki MIYARA	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 049143 FRAME!718126:2019/04/2

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

Title of Invention	VANE PUMP
As the below named	inventor, I hereby declare that:
	The attached application, or
is directed to:	United States application or PCT international application number PCT/JP2017/039092 filed on October 30, 2017
The above-identified	application was made or authorized to be made by me.
I believe that I am th	e original inventor or an original joint inventor of a claimed invention in the application.
	HO KOGYO Co., Ltd. and TOYOTA JIDOSHA KABUSHIKI KAISHA
Aichi-ken, 471-8502 jointly acquiring into	to as "ASSIGNEES") having places of business at: <u>65, Midorigaoka 3-chome, Toyota-shi, 2, Japan and 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571, Japan, respectively are desirous of crests in the entire right, title and interest in and to said invention and in and to any Letters Patent therefore in the United States and its territorial possessions and in any and all foreign countries;</u>
acknowledged, and said ASSIGNEES, the and in all foreign coother relevant Interninterest in and to ar	ORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto he full and exclusive right to the said invention in the United States and its territorial possessions ountries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.
any and all foreign assignees of my ent their successors and	te and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the tire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, assigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.
respecting said inv continuation, substit all of said Letters F possible to aid said	that I will communicate to said ASSIGNEES or their representatives any facts known to me rention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, tute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said ted States and its territorial possessions and in any and all foreign countries.
	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.
LEGAL NAME OF	INVENTOR
Inventor: Hiroki H	HARA Date: April 22, 2019
Signature:	roki Hara

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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

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This declaration The attached application, or
is directed to: United States application or PCT international application number PCT/JP2017/039092 filed on October 30, 2017
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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.
LEGAL NAME OF INVENTOR
Inventor: Shinsuke KIYOMIYA Date: April 9, 2019
Signature: China Culton Kana

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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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.
LEGAL NAME OF INVENTOR
Inventor: Akira FUJII Date: April 8, 2019
Signature: Okira Fujii

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 049143 FRAME: 0129

RECORDED: 05/10/2019