504538270 09/08/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4584977 Stylesheet Version v1.2

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the ASSIGNEE'S NAME previously recorded on Reel 043349 Frame 0994. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
SHINJI MIYAZOE	07/31/2017
TAKASHI MURAKAMI	07/31/2017

RECEIVING PARTY DATA

Name:	SMC CORPORATION
Street Address:	14-1, SOTOKANDA 4-CHOME
City:	CHIYODA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	1010021

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29610308

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: egemechu@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	505129US
NAME OF SUBMITTER:	EMUSHET GEMECHU
SIGNATURE:	/EMUSHET GEMECHU/
DATE SIGNED:	09/08/2017

Total Attachments: 4

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PATENT 504538270 REEL: 043785 FRAME: 0857

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PATENT REEL: 043785 FRAME: 0858 Assignment Page 1 of 2

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	
SHINJI MIYAZOE	07/31/2017
TAKASHI MURAKAMI	07/31/2017

RECEIVING PARTY DATA

Name:	SMC COPORATION
Street Address:	14-1, SOTOKANDA 4-CHOME
City:	CHIYODA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	1010021

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29610308

CORRESPONDENCE DATA

 Fax Number:
 (703)413-2220

 Phone:
 (703) 413-3000

 Email:
 mvukovic@oblon.com

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.

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	505129US
NAME OF SUBMITTER:	MARA VUKOVIC
Signature:	/Mara Vukovic/
Date:	08/22/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Assignment Page 2 of 2

Total Attachments: 2

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RECEIPT INFORMATION

EPAS ID: PAT4559548 **Receipt Date:** 08/22/2017

PATENT REEL: 043785 FRAME 5, 8, 26, 97 Attorney Docket Number: 505/29 US

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

Title of Invention	MANIFOLD TYPE ELECTROMAGNETIC VALVE
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 application number 29 / 610, 308 filed on July 11, 2017
The above-identifie	d application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
(hereinafter referre Tokyo, 1010021 JA	C CORPORATION d to as "ASSIGNEE") having places of business at: 14-1, Sotokanda 4-chome, Chiyoda-ku, APAN, is desirous of acquiring the entire right, title and interest in and to said invention and in Patent that may be granted therefore in the United States and its territorial possessions and in any attries;
acknowledged, and said ASSIGNEE, the and in all foreign conter relevant Inter- interest in and to a	FORE, 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 the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and mational Treaties and Arrangements from the aforesaid application) and the entire right, title and any 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, mewals thereof.
any and all foreign assignee of my enti (his) successors and	ze and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.
respecting said in continuation, substiall of said Letters possible to aid said	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything dia ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ited States and its territorial possessions and in any and all foreign countries.
	rledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.
LEGAL NAME OF	FINVENTOR
Inventor: Shinji N	MIYAZOE Date: July 31, 2017
Signature:	inji mujazoe

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

ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 043785 FRAME: 0861 Attorney Docket Number: 505129 US

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

Title of MANIFOLD TYPE ELECTROMAGNETIC VALVE Invention
As the below named inventor, I hereby declare that:
This declaration The attached application, or
is directed to: \square United States application or PCT international application number $29/610,308$ filed on $\square \square \square \square \square \square$.
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, SMC CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at: 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo, 1010021 JAPAN, is desirous of acquiring 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 ASSIGNEE, 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 ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) 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 ASSIGNEE or its (his) 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 ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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: Takashi MURAKAMI Date: July 31, 2017
Signature: Jahashi Murakami

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 043785 FRAME: 0862

RECORDED: 09/08/2017