

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KAZUNARI WATANABE	07/13/2020
KOHEI SHIGYOU	07/13/2020
KENJI AIKAWA	07/13/2020
TOMOHIRO NAKATA	07/13/2020
TAKAHIRO MATSUDA	07/13/2020
TSUTOMU SHINOHARA	07/15/2020
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16764134
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DATE SIGNED:	08/04/2020
Total Attachments: 8	

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COMBINED INVENTOR'S DECLARATION AND ASSIGNMENT**DECLARATION**

The herein-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 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.

Authorization to Permit Access to Application by Participating Office

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the herein-identified patent application is filed access to the herein-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, KIPO, SIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the herein-identified patent application is filed to have access to the herein-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the herein-identified patent application with respect to: 1) the herein-identified patent application-as-filed; 2) any foreign application to which the herein-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the herein-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the herein-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

The undersigned hereby authorizes the U.S. attorney or agent appointed herein to accept and follow instructions from either his foreign patent agent or corporate representative, if any, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned.

Direct Correspondence to: **CUSTOMER NUMBER 07055**

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Reston, VA 20191

Direct Telephone Calls to: Greenblum & Bernstein, P.L.C. (703) 716-1191

ASSIGNMENT

WHEREAS, Kazunari WATANABE, a resident of Osaka, JAPAN, whose mailing address is c/o FUJIKIN INCORPORATED, 3-2, Itachibori 2-chome, Nishi-ku, Osaka-city, Osaka 5500012 JAPAN, Kohei SHIGYU, a resident of Osaka, JAPAN, whose mailing address is c/o FUJIKIN INCORPORATED, 3-2, Itachibori 2-chome, Nishi-ku, Osaka-city, Osaka 5500012 JAPAN, Kenji AIKAWA, a resident of Osaka, JAPAN, whose mailing address is c/o FUJIKIN INCORPORATED, 3-2, Itachibori 2-chome, Nishi-ku, Osaka-city, Osaka 5500012 JAPAN, Tomohiro NAKATA, a resident of Osaka, JAPAN, whose mailing address is c/o FUJIKIN INCORPORATED, 3-2, Itachibori 2-chome, Nishi-ku, Osaka-city, Osaka 5500012 JAPAN, Takahiro MATSUDA, a resident of Osaka, JAPAN, whose mailing address is c/o FUJIKIN INCORPORATED, 3-2, Itachibori 2-chome, Nishi-ku, Osaka-city, Osaka 5500012 JAPAN, and Tsutomu SHINOHARA, a resident of Osaka, JAPAN, whose mailing address is c/o FUJIKIN INCORPORATED, 3-2, Itachibori 2-chome, Nishi-ku, Osaka-city, Osaka 5500012 JAPAN, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**VALVE DEVICE, FLUID CONTROL DEVICE AND SEMICONDUCTOR
MANUFACTURING APPARATUS USING THE VALVE DEVICE**

for which an application for Letters Patent in the United States entered the National Stage in the United States Patent and Trademark Office on May 14, 2020 and was awarded Application No. **16/764,134**, and which Application is a National Stage of International Application No. PCT/JP2018/041944, filed November 13, 2018.

AND WHEREAS, FUJIKIN INCORPORATED, a corporation organized and existing under the laws of JAPAN, whose mailing address is 3-2, Itachibori 2-chome, Nishi-ku, Osaka-city, Osaka 5500012 JAPAN, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

(Name)

(Date)

Kazunari Watanabe
Kazunari WATANABE

Jul. 13, 2020
Date

Second Witness (Optional):

(Name)

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

(Name)

(Date)

Kohei Shigyou

Kohei SHIGYOU

Jul. 13, 2025

Date

Second Witness (Optional):

(Name)

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

(Name)

(Date)

Kenji Aikawa

Kenji AIKAWA

Jul. 13, 2020

Date

Second Witness (Optional):

(Name)

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

(Name)

(Date)

Tomohiro Nakata
Tomohiro NAKATA

Jul. 13, 2020
Date

Second Witness (Optional):

(Name)

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

(Name)

(Date)

Takahiro Matsuda
Takahiro MATSUDA

Jul. 18, 2020
Date

Second Witness (Optional):

(Name)

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

(Name)

(Date)

Tsutomu Shinohara
Tsutomu SHINOHARA

Jul. 15, 2020
Date

Second Witness (Optional):

(Name)

(Date)