505315870 02/06/2019

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEITH FADGEN	11/19/2018
JOSEPH D. MICHIENZI	01/31/2019
JEFFREY MUSACCHIO	11/19/2018

RECEIVING PARTY DATA

Name:	WATERS TECHNOLOGIES CORPORATION	
Street Address:	34 MAPLE STREET	
City:	MILFORD	
State/Country:	MASSACHUSETTS	
Postal Code:	01757	

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US1745687

CORRESPONDENCE DATA

Fax Number: (508)303-0005

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: 508 303 2003

Email: Iguerin@iplawusa.com

SCHMEISER, OLSEN & WATTS LLP **Correspondent Name:** Address Line 1: 33 BOSTON POST ROAD WEST

Address Line 2: **SUITE 410**

Address Line 4: MARBOROUGH, MASSACHUSETTS 01752

ATTORNEY DOCKET NUMBER: W-2821-WO1 (WAT-126PC) NAME OF SUBMITTER: WILLIAM G. GUERIN SIGNATURE: /William G. Guerin/ **DATE SIGNED:** 02/06/2019

Total Attachments: 6

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Attorney Docket No.: W-2821-WO1 (WAT-126PC)

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Client Ref. No.: W-2821-WO1

Title: SPRING-ENERGIZED CHECK VALVE

ASSIGNMENT

WHEREAS, I, Keith Fadgen, have invented certain new and useful improvements as described in U.S. patent application, entitled SPRING-ENERGIZED CHECK VALVE, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office ("USPTO") by Application No. PCT/US17/45687, filed August 7, 2017, ("Invention"); and

WHEREAS, Waters Technologies Corporation, a Corporation of the State of Delaware, and having an address of 34 Maple Street, Milford, MA 01757, U.S.A. (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I 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.

Attorney Docket No.: W-2821-WOI (WAT-126PC)

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Client Ref. No.: W-2821-WO1

Title: SPRING-ENERGIZED CHECK VALVE

Name: Keith Fadgen

Date Nov 14, 2018

Attorney Docket No.: W-2821-WO1 (WAT-126PC)

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Client Ref. No.: W-2821-WO1

Title: SPRING-ENERGIZED CHECK VALVE

ASSIGNMENT

WHEREAS, I, Joseph D. Michienzi, have invented certain new and useful improvements as described in U.S. patent application, entitled SPRING-ENERGIZED CHECK VALVE, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office ("USPTO") by Application No. PCT/US17/45687, filed August 7, 2017, ("Invention"); and

WHEREAS, Waters Technologies Corporation, a Corporation of the State of Delaware, and having an address of 34 Maple Street, Milford, MA 01757, U.S.A. (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I 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.

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Client Ref. No.: W-2821-WO1

Title: SPRING-ENERGIZED CHECK VALVE

PATENT

REEL: 048251 FRAME: 0689

Attorney Docket No.: W-2821-WO1 (WAT-126PC)

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Client Ref. No.: W-2821-WO1

Title: SPRING-ENERGIZED CHECK VALVE

ASSIGNMENT

WHEREAS, I, Jeffrey Musacchio, have invented certain new and useful improvements as described in U.S. patent application, entitled SPRING-ENERGIZED CHECK VALVE, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office ("USPTO") by Application No. PCT/US17/45687, filed August 7, 2017, ("Invention"); and

WHEREAS, Waters Technologies Corporation, a Corporation of the State of Delaware, and having an address of 34 Maple Street, Milford, MA 01757, U.S.A. (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I 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.

Attorney Docket No.: W-2821-WO1 (WAT-126PC)

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Client Ref. No.: W-2821-WO1

Title: SPRING-ENERGIZED CHECK VALVE

Name: Jeffrey Musacchio

Date Nov 19

2018

PATENT REEL: 048251 FRAME: 0691

RECORDED: 02/06/2019