

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4780911

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MOON CHUL JUNG	02/21/2017
JONATHAN L. BELANGER	02/21/2017
XIANGJIN SONG	02/21/2017
ABHIJIT TARAFDER	03/06/2017
JOSEPH A. JARRELL	02/20/2017
WADE P. LEVEILLE	02/21/2017
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City:	MILFORD
State/Country:	MASSACHUSETTS
Postal Code:	01757
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15872842
PCT Number:	IB2018050274
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ATTORNEY DOCKET NUMBER:	W-2816-US2/PCT
NAME OF SUBMITTER:	DEBORAH M. VERNON, REG. NO. 55,699
SIGNATURE:	/Deborah M. Vernon, Reg. No. 55,699/
DATE SIGNED:	01/17/2018

PATENT

Total Attachments: 8

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ASSIGNMENT

WE Moon Chul Jung, Jonathan L. Belanger, Xiangjin Song, Abhijit Tarafder, Joseph A. Jarrell and Wade P. Leveille for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Waters Technologies Corporation
34 Maple Street
Milford, Massachusetts 01757
United States of America

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

SYSTEMS, METHODS, AND DEVICES FOR DETECTING LEAKS IN A CHROMATOGRAPHY SYSTEM

as set forth in the following Patent Application(s):

United States Application No. 62/447,232 filed January 17, 2017

United States Application No. _____ filed _____

International Application No. _____ filed _____

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified applications and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **McCarter & English, LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **McCarter & English, LLP** do not personally represent ASSIGNOR OR ASSIGNORS' legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 21st day of February, 2017.

[Signature]
Moon Chul Jung

United States of America)
State of MASSACHUSETTS)
County of WORCESTER)

On this 21st day of February, 2017 before me,
the undersigned notary public, personally appeared Moon Chul Jung
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known to me, to be the person whose name
is signed on the preceding or attached document in my presence.

[Signature] (official signature and seal of notary)

My commission expires _____



Executed this 21st day of February, 2017.

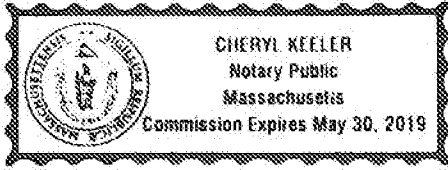
Jonathan L. Belanger
Jonathan L. Belanger

United States of America)
State of MASSACHUSETTS)
County of WORCESTER)

On this 21st day of February, 2017 before me,
the undersigned notary public, personally appeared Jonathan L. Belanger
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known to me, to be the person whose name
is signed on the preceding or attached document in my presence.

Cheryl Keeler (official signature and seal of notary)

My commission expires _____.



Executed this 21st day of February, 2017.

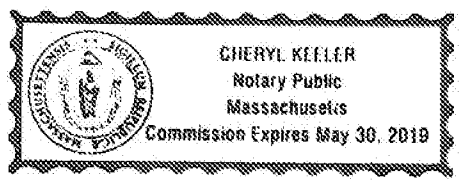
Xiangjin Song
Xiangjin Song

United States of America)
State of Massachusetts)
County of WORCESTER)

On this 21st day of February, 2017 before me,
the undersigned notary public, personally appeared Xiangjin Song
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known to me, to be the person whose name
is signed on the preceding or attached document in my presence.

Cheryl Keeler (official signature and seal of notary)

My commission expires _____.



Executed this 6th day of MARCH, 2017.

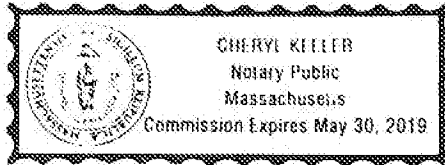
Abhijit Tarafder
Abhijit Tarafder

United States of America)
State of MASSACHUSETTS)
County of WORCESTER)

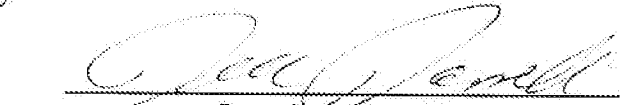
On this 6th day of March, 2017 before me,
the undersigned notary public, personally appeared Abhijit Tarafder
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known to me, to be the person whose name
is signed on the preceding or attached document in my presence.

Cheryl Keeler (official signature and seal of notary)

My commission expires _____



Executed this 20th day of February, 2017.



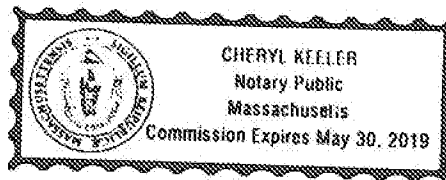
Joseph A. Jarrell

United States of America)
State of MASSACHUSETTS)
County of NORFOLK)

On this 20th day of February, 2017 before me,
the undersigned notary public, personally appeared Joseph A. Jarrell
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known to me, to be the person whose name
is signed on the preceding or attached document in my presence.

Cheryl Keeler (official signature and seal of notary)

My commission expires _____



Executed this 21st day of February, 2017.

Wade P. Leveille
Wade P. Leveille

United States of America)
State of MASSACHUSETTS)
County of NORFOLK)

On this 21st day of February, 2017 before me,
the undersigned notary public, personally appeared Wade P. Leveille
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known to me, to be the person whose name
is signed on the preceding or attached document in my presence.

Cheryl Keeler (official signature and seal of notary)

My commission expires _____.

