506338048 11/04/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONALD J. RUSSELL	11/03/2020
DAVID SERRELL	11/03/2020

RECEIVING PARTY DATA

Name:	TA INSTRUMENTS-WATERS LLC	
Street Address:	159 LUKENS DRIVE	
City:	NEW CASTLE	
State/Country:	DELAWARE	
Postal Code:	19720	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17089077

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: 5088434545

Email: Iguerin@iplawusa.com

Correspondent Name: SCHMEISER OLSEN & WATTS LLP

Address Line 1: 33 BOSTON POST ROAD WEST SUITE 410

Address Line 2: SUITE 410

Address Line 4: MARLBOROUGH, MASSACHUSETTS 01752

ATTORNEY DOCKET NUMBER:	TA-4170-US02 (WAT-240)	
NAME OF SUBMITTER:	WILLIAM G. GUERIN	
SIGNATURE:	/William G. Guerin/	
DATE SIGNED:	11/04/2020	

Total Attachments: 4

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PATENT 506338048 REEL: 054272 FRAME: 0458

Attorney Docket No.: TA-4170-US02 (WAT-240)

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Client Ref. No.: TA-4170-US02

Title: ISOTHERMAL CALORIMETER

ASSIGNMENT

WHEREAS, I, **Donald J. Russell**, have invented certain new and useful improvements as described in U.S. patent application, entitled **ISOTHERMAL CALORIMETER**, 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. 17/089,077, filed **November 4, 2020**, ("Invention"); and

WHEREAS, TA Instruments-Waters LLC, a Corporation of the State of Delaware, and having an address of 159 Lukens Drive, New Castle, DE 19720, 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.

PATENT REEL: 054272 FRAME: 0459

Attorney Docket No.: TA-4170-US02 (WAT-240)

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Client Ref. No.: TA-4170-US02

Title: ISOTHERMAL CALORIMETER

Name: Donald J. Russell

Date

11/3/2020

REEL: 054272 FRAME: 0460

Attorney Docket No.: TA-4170-US02 (WAT-240)

Page 1 of 2

Client Ref. No.: TA-4170-US02

Title: ISOTHERMAL CALORIMETER

ASSIGNMENT

WHEREAS, I, **David Serrell**, have invented certain new and useful improvements as described in U.S. patent application, entitled **ISOTHERMAL CALORIMETER**, 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. 17/089,077, filed **November 4, 2020**, ("Invention"); and

WHEREAS, TA Instruments-Waters LLC, a Corporation of the State of Delaware, and having an address of 159 Lukens Drive, New Castle, DE 19720, 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.

PATENT REEL: 054272 FRAME: 0461

Attorney Docket No.: TA-4170-US02 (WAT-240)

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Client Ref. No.: TA-4170-US02

Title: ISOTHERMAL CALORIMETER

Name: David Serrell

Date 11/3/2()

PATENT REEL: 054272 FRAME: 0462

RECORDED: 11/04/2020