

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6770100

<b>SUBMISSION TYPE:</b>	RESUBMISSION
<b>NATURE OF CONVEYANCE:</b>	CONFIRMATORY ASSIGNMENT
<b>RESUBMIT DOCUMENT ID:</b>	506524709
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GERARD COLCLOUGH	02/18/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OLYMPUS AMERICA INC.
<b>Street Address:</b>	3500 CORPORATE PARKWAY
<b>City:</b>	CENTER VALLEY
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	18034
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16118005
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	request@slwip.com
<b>Correspondent Name:</b>	SCHWEGMAN LUNDBERG & WOESSNER P.A.
<b>Address Line 1:</b>	P.O. BOX 2938
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	6409.057US1
<b>NAME OF SUBMITTER:</b>	TAMERAE ROBINSON
<b>SIGNATURE:</b>	/Tamerae Robinson/
<b>DATE SIGNED:</b>	06/18/2021
<b>Total Attachments: 18</b>	
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CONFIRMATORY ASSIGNMENT

WHEREAS, Gerard Colclough, Steven W. Chin, Ronald Scott Collicutt, Alex Thurston, Michael Murray, Ernest Moseley, Jacob LaRocca and Joel W. Kenyon (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention"); as described in the patent application filed on August 30, 2018, assigned US application serial number 16/118,005, and titled FLOW CELL FOR ANALYSIS OF FLUIDS;

WHEREAS, the Undersigned executed a PATENT APPLICATION ASSIGNMENT ("Appendix A") signed 6/20/2018 by Gerard Colclough, signed 8/27/2018 by Ronald Scott Collicutt, Alex Thurston, Michael Murray, Ernest Moseley, and Jacob LaRocca, signed 8/28/2018 by Steven W. Chin, and signed 8/30/2018 by Joel W. Kenyon, to transfer the Undersigned's entire right, title, and interest in the Invention and the patent application to Olympus Scientific Solutions Americas Inc., formerly a corporation of Connecticut, having a place of business at 48 Woerd Avenue, Waltham, Massachusetts, 02453;

WHEREAS, effective April 4, 2016 according to a CERTIFICATE OF MERGER ("Appendix B") and prior to the effective date of such signature of such PATENT APPLICATION ASSIGNMENT, Olympus Scientific Solutions Americas Inc. and Olympus America Inc., a corporation registered in New York and having a place of business at 3500 Corporate Parkway, Center Valley, Pennsylvania 18034, merged into a surviving corporation, Olympus America Inc., a corporation registered in New York and having a place of business at 3500 Corporate Parkway, Center Valley, Pennsylvania 18034;

AND WHEREAS, the surviving corporation, Olympus America Inc. (the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the Invention;

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to the Assignee, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 164772 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention; and

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

**CONFIRMATORY ASSIGNMENT**

Assignors: Gerard Colclough et al.

Title: FLOW CELL FOR ANALYSIS OF FLUIDS

Page 3 of 10

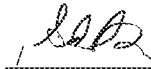
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Docket No: 6409,057US1

Client Ref. No. O-P-359US

Assignor:

(Signature):



Name: Gerard Colclough

City/State or Country: Quincy, Massachusetts

Date:

2/18/2021

**CONFIRMATORY ASSIGNMENT**

Assignors: Gerard Colclough et al.

Title: FLOW CELL FOR ANALYSIS OF FLUIDS

Page 4 of 10

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Docket No: 6409,057US1

Client Ref. No. O-P-359US

Assignor:

(Signature):

/

Name: Steven W. Chin

City/State or Country: Lexington, Massachusetts

Date:

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**CONFIRMATORY ASSIGNMENT**

Assignors: Gerard Colclough et al.

Title: FLOW CELL FOR ANALYSIS OF FLUIDS

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Docket No: 6409,057US1

Client Ref. No. O-P-359US

Assignor:

(Signature):

/\_\_\_\_\_/

Name: Ronald Scott Collicutt

City/State or Country: Northbridge, Massachusetts

Date:

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**CONFIRMATORY ASSIGNMENT**

Assignors: Gerard Colclough et al.

Title: FLOW CELL FOR ANALYSIS OF FLUIDS

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Docket No: 6409,057US1

Client Ref. No. O-P-359US

Assignor:

(Signature):

/\_\_\_\_\_

Name: Alex Thurston

City/State or Country: Belmont, Massachusetts

Date:

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**CONFIRMATORY ASSIGNMENT**

Assignors: Gerard Colclough et al.

Title: FLOW CELL FOR ANALYSIS OF FLUIDS

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Docket No: 6409,057US1

Client Ref. No. O-P-359US

Assignor:

(Signature):

/\_\_\_\_\_

Name: Michael Murray

City/State or Country: Boston, Massachusetts

Date:

\_\_\_\_\_

**CONFIRMATORY ASSIGNMENT**

Assignors: Gerard Colclough et al.

Title: FLOW CELL FOR ANALYSIS OF FLUIDS

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Docket No: 6409,057US1  
Client Ref. No. O-P-359US

Assignor:

(Signature):

/

Name: Ernest Moseley

City/State or Country: Wilmington, Massachusetts

Date:

\_\_\_\_\_

**CONFIRMATORY ASSIGNMENT**

Assignors: Gerard Colclough et al.

Title: FLOW CELL FOR ANALYSIS OF FLUIDS

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Docket No: 6409,057US1

Client Ref. No. O-P-359US

Assignor:

(Signature):

/

Name: Jacob LaRocca

City/State or Country: Somerville, Massachusetts

Date:

\_\_\_\_\_

**CONFIRMATORY ASSIGNMENT**

Assignors: Gerard Colclough et al.

Title: FLOW CELL FOR ANALYSIS OF FLUIDS

Page 10 of 10

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Docket No: 6409,057US1

Client Ref. No. O-P-359US

Assignor:

(Signature):

/\_\_\_\_\_/

Name: Joel W. Kenyon

City/State or Country: Londonberry, New Hampshire

Date:

\_\_\_\_\_

# APPENDIX A

## PATENT APPLICATION ASSIGNMENT -- SOLE OR JOINT INVENTORS

O-P-359US

WHEREAS, I (We), Gerard Colclough have invented certain improvements

### FLOW CELL FOR ANALYSIS OF FLUIDS

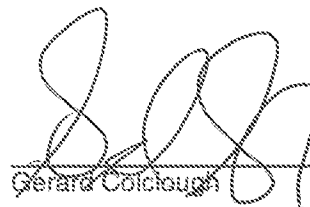
for which an application for United States Letters Patent has been executed by me (us) of even date herewith; and,

WHEREAS, Olympus Scientific Solutions Americas Inc., a corporation of Connecticut, having a place of business at 48 Woerd Ave., Waltham, MA 02453, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute, reissue or reexamination applications and patents applied for or granted therefor in the United States and all other countries and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States, the expenses incident to said applications to be borne and paid by said assignee.

Date: \_\_\_\_\_

6/20/18



Gerard Colclough

APPENDIX A  
PATENT APPLICATION ASSIGNMENT --  
SOLE OR JOINT INVENTORS

O-P-359US

WHEREAS, I (We), Ronald Scott Collicutt, Alex Thurston, Michael Murray, Ernest Moseley and Jacob LaRocca have invented certain improvements

FLOW CELL FOR ANALYSIS OF FLUIDS

for which an application for United States Letters Patent has been executed by me (us) of even date herewith; and,

WHEREAS, Olympus Scientific Solutions Americas Inc., a corporation of Connecticut, having a place of business at 48 Woerd Ave., Waltham, MA 02453, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

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Date: 8/27/2018

Ronald Scott Collicutt  
Ronald Scott Collicutt

Date: 8/27/2018

Alex Thurston  
Alex Thurston

Date: 8/27/2018

Michael Murray  
Michael Murray

Date: 8/27/2018

Ernest R. Moseley, Jr.  
Ernest Moseley

Date: 8/27/2018

Jacob LaRocca  
Jacob LaRocca

PATENT APPLICATION ASSIGNMENT --  
SOLE OR JOINT INVENTORS

O-P-359US

WHEREAS, I (We), Steven W. Chin, have invented certain improvements

FLOW CELL FOR ANALYSIS OF FLUIDS

for which an application for United States Letters Patent has been executed by me (us) of even date herewith; and,

WHEREAS, Olympus Scientific Solutions Americas Inc., a corporation of Connecticut, having a place of business at 48 Woerd Ave., Waltham, MA 02453, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

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Date: \_\_\_\_\_

8/28/18

  
Steven W. Chin

# APPENDIX A

## PATENT APPLICATION ASSIGNMENT -- SOLE OR JOINT INVENTORS

O-P-359US

WHEREAS, I (We), Joel W. Kenyon, have invented certain improvements

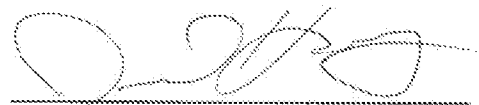
### FLOW CELL FOR ANALYSIS OF FLUIDS

for which an application for United States Letters Patent has been executed by me (us) of even date herewith; and,

WHEREAS, Olympus Scientific Solutions Americas Inc., a corporation of Connecticut, having a place of business at 48 Woerd Ave., Waltham, MA 02453, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute, reissue or reexamination applications and patents applied for or granted therefor in the United States and all other countries and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assign assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States, the expenses incident to said applications to be borne and paid by said assignee.

Date: 8/30/18

  
Joel W. Kenyon

APPENDIX B

SECRETARY OF THE STATE OF  
CONNECTICUT  
30 TRINITY STREET  
P.O. BOX 150470  
HARTFORD, CT 06115-0470

03/22/2016

CSC THE UNITED STATES CORPORATION  
59 DOGWOOD ROAD  
WETHERSFIELD, CT 06109

RE: Acceptance of Business Filing **THIS IS NOT A BILL**

This letter is to confirm the acceptance of the following business filing:

Business Name:  
OLYMPUS AMERICA INC.

Type of Request:  
MERGER

Work Order Number	: 2016087708-001	Business Filing Number	: 0005518804
Filing Date/Time	: 03/21/2016 01:00 PM	Effective Date/Time	: 04/04/2016 12:01 AM
Work Order Payment Total	: \$110.00	Payment Received	: \$110.00
Credit on Account	: \$59,088.68		
Business ID	: 0544336		

If you would like copies of this filing you must complete a Request for Corporate Copies and submit it with the appropriate fee.

RUBY VEAL  
Commercial Recording Division  
860-509-6003  
[www.concord-sots.ct.gov](http://www.concord-sots.ct.gov)

APPENDIX B

FILING #0005516304 PG 01 OF 01 PAGE 03492  
FILED 03/21/2016 01:00 PM PAGE 03492  
SECRETARY OF THE STATE  
CONNECTICUT SECRETARY OF THE STATE

STATE OF CONNECTICUT  
CERTIFICATE OF MERGER OF  
DOMESTIC CORPORATION INTO FOREIGN CORPORATION

Pursuant to Section 33-819 of the Connecticut Business Corporation Act, the undersigned corporation executed the following Certificate of Merger:

**FIRST:** The names of the parties to the merger are "Olympus Scientific Solutions Americas Inc.", a corporation organized and existing under the laws of the State of Connecticut, and "Olympus America Inc.", a corporation organized and existing under the laws of the State of New York. Olympus America Inc. was originally formed under the name of "Olympus Camera Corporation" upon the filing of a Certificate of Incorporation with the Department of State of the State of New York on March 15, 1977.

**SECOND:** The name of the surviving corporation of the merger is "Olympus America Inc."

**THIRD:** All of the shares of Olympus America Inc. common stock shall continue and shall represent the same class and series of stock interest in Olympus America Inc. as the surviving corporation following the merger. Conversely, all of the shares of Olympus Scientific Solutions Americas Inc. common stock shall be cancelled and the holder of record of such shares shall receive no consideration therefore.

**FOURTH:** The Certificate of Incorporation of the surviving corporation (i.e., Olympus America Inc.) shall be its Certificate of Incorporation and shall not be amended by this merger.

**FIFTH:** The merger is to become effective at 12:01 a.m. on April 4, 2016.

**SIXTH:** The plan of merger was duly approved by the shareholders of Olympus Scientific Solutions Americas Inc. in the manner required by Sections 33-600 to 33-998, inclusive, of the Connecticut Business Corporation Act and its Certificate of Incorporation, as amended.

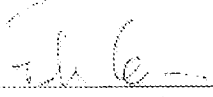
**SEVENTH:** The plan of merger and the performance of its terms were duly authorized by all action required by the laws of the State of New York, the state under which Olympus America Inc. is organized, and by its Certificate of Incorporation, as amended.

APPENDIX B


FILING #0005518804 PG. 02 OF 02 VOL B-02168  
FILED 03/21/2016 01:00 PM PAGE 03499  
SECRETARY OF THE STATE  
CONNECTICUT SECRETARY OF THE STATE

IN WITNESS WHEREOF, the undersigned corporations have caused this Certificate of Merger to be signed by their authorized officers as of March 1, 2016.

OLYMPUS SCIENTIFIC SOLUTIONS AMERICAS INC.

By:   
Fabrice Cancre, President

OLYMPUS AMERICA INC.

By:   
Nacho Abja, President