506361344 11/18/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6408099

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CONFIRMATORY

CONVEYING PARTY DATA

Name	Execution Date
JINCHI ZHANG	11/13/2020
NICOLAS BADEAU	11/16/2020

RECEIVING PARTY DATA

Name:	OLYMPUS AMERICA INC.	
Street Address:	3500 CORPORATE PARKWAY	
City:	CENTER VALLEY	
State/Country:	PENNSYLVANIA	
Postal Code:	18034	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16034003

CORRESPONDENCE DATA

Fax Number:

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.

Email: request@slwip.com

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER P.A.

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	6409.053US1	
NAME OF SUBMITTER:	TAMERAE ROBINSON	
SIGNATURE:	/Tamerae Robinson/	
DATE SIGNED:	11/18/2020	

Total Attachments: 10

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WHEREAS, Jinchi Zhang and Nicolas Badeau (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 July 12, 2018, assigned US application serial number 16/034,003, and titled ULTRASONIC MEASUREMENT OF SURFACE PROFILE AND AVERAGE DIAMETER OF A TUBE;

WHEREAS, Jinchi Zhang and Nicolas Badeau executed a PATENT APPLICATION ASSIGNMENT ("Appendix A") on July 3, 2018 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 execution 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 Olympus America Inc. (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,

Assignors: Jinchi Zhang et al.

Title: ULTRASONIC MEASUREMENT OF SURFACE PROFILE AND AVERAGE DIAMETER OF A TUBE

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Docket No: 6409.053US1 Client Ref. No. O-P-150US

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;

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:

Assignors: Jinchi Zhang et al.

Client Ref. No. O-P-150US Title: ULTRASONIC MEASUREMENT OF SURFACE PROFILE AND AVERAGE DIAMETER OF A TUBE Page 3 of 4

Assignor:

Jinchi Zhang (Signature):

/

Docket No: 6409.053US1

Name: Jinchi Zhang

City/State or Country: Quebec, Quebec

Nov. 13, 2020 Date:

Assignors: Jinchi Zhang et al.

Title: ULTRASONIC MEASUREMENT OF SURFACE PROFILE AND AVERAGE DIAMETER OF A TUBE

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Docket No: 6409,053US1 Client Ref. No. O-P-150US

Assignor:

1 Nicolas Badeau (Signature):

Name: Nicolas Badeau

City/State or Country: Quebec, Quebec

November 16th, 2020 Date:

PATENT APPLICATION ASSIGNMENT – SOLE OR JOINT INVENTORS

O-P-150US

WHEREAS, I (We), Nicolas Badeau, Jinchi Zhang have invented certain improvements

ULTRASONIC MEASUREMENT OF SURFACE PROFILE AND AVERAGE DIAMETER OF A TUBE

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: <u>July 3⁰⁰, 20</u>

Nicolas Badeau

Date: July 31d, 2018

Jinchi Zhang

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.

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Commercial Recording Division

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FILING #2005518004 FG 01:00 FM PAGE 03498 FILED 03/21/2016 01:00 FM PAGE 03498 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 Contificate 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 Oling 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 morgor 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 Cortificate of Incorporation, as amended.

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FILING #0005512804 PC 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 SÖLUTIONS AMERICAS INC.

Fabrice Cangre: President

OLYMPUSÁMERIZÁ INC.

By. Nacho Abja President

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RECORDED: 11/18/2020