

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5442252

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOEL A. WILLHITE	03/26/2019
AHMAD ALSAFFAR	03/26/2019
KEVIN C. EDWARDS	03/26/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GYRUS ACMI, INC. D/B/A OLYMPUS SURGICAL TECHNOLOGIES AMERICA
<b>Street Address:</b>	136 TURNPIKE ROAD
<b>City:</b>	SOUTHBOROUGH
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01772
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16365735
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(508)804-2624
<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>Phone:</b>	5088042708
<b>Email:</b>	lisa.mazzone@olympus.com
<b>Correspondent Name:</b>	GYRUS ACMI, INC. D/B/A OLYMPUS SURGICAL TECHNOLOGI
<b>Address Line 1:</b>	136 TURNPIKE ROAD
<b>Address Line 4:</b>	SOUTHBOROUGH, MASSACHUSETTS 01772
<b>ATTORNEY DOCKET NUMBER:</b>	G0594 US1
<b>NAME OF SUBMITTER:</b>	YI CHEN
<b>SIGNATURE:</b>	/Yi Chen/
<b>DATE SIGNED:</b>	03/27/2019
<b>Total Attachments: 3</b>	
source=G0594US1Assignment#page1.tif	
source=G0594US1Assignment#page2.tif	
source=G0594US1Assignment#page3.tif	

COMBINED DECLARATION & ASSIGNMENT

Title of Invention: MEDICAL DEVICE

As the below named inventor, I hereby declare that:

This declaration is directed to:

- The attached application, or
- The United States Application Number or PCT International Application Number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe that I am an original inventor or an original joint inventor of a claimed invention in the application.

I hereby 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.

**ASSIGNMENT OF INVENTION:** In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:** hereby sell, assign and transfer to

**ASSIGNEE:**

Ahmad Alsaffar  
4351 High Plains Road  
Bartlett, TN 38135

GYRUS ACMI, INC., d/b/a  
Olympus Surgical Technologies America  
136 Turnpike Road  
Southborough, MA 01772

Nationality: US

State or Country of Formation: US

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and any foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the above-referenced application serial no. \_\_\_\_\_ filed on \_\_\_\_\_, including the right to claim priority in the United States or in any foreign countries; and, in and to, all Letters Patent to be obtained for said invention by the above-referenced application or any continuation, continuation-in-part, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof, including any and all rights to sue for past damages. ASSIGNOR hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. ASSIGNOR further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said United States application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes thereof.

**Inventor's Signature:**

Ahmad Alsaffar  
Ahmad Alsaffar

**Residence:**

Bartlett, TN

**Post Office Address:**

4351 High Plains Road  
Bartlett, TN 38135

**Date:**

March 26, 2019

**Citizenship:** US

**SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT**

I, Joel A. Willhite

Whose full post office address is: 1367 E. Rolling Oaks Dr. Memphis TN 38119  
Street, City, Postal Code, Country

Make oath and say that I was personally present and did see Ahmad Alsaffar who is personally known or identified to me to be the inventor named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at: Olympus Surgical Technologies America, Bartlett TN,

On this 26<sup>th</sup> day of March, 2019

Joel A Willhite  
Subscribing Witness

COMBINED DECLARATION & ASSIGNMENT

Title of Invention: MEDICAL DEVICE

As the below named inventor, I hereby declare that:

This declaration is directed to:

- The attached application, or
- The United States Application Number or PCT International Application Number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe that I am an original inventor or an original joint inventor of a claimed invention in the application.

I hereby 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.

**ASSIGNMENT OF INVENTION:** In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:** hereby sell, assign and transfer to

**ASSIGNEE:**

Joel A. Willhite  
1367 East Rolling Oaks Drive  
Memphis, TN 38119

GYRUS ACMI, INC., d/b/a  
Olympus Surgical Technologies America  
136 Turnpike Road  
Southborough, MA 01772

Nationality: US

State or Country of Formation: US

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and any foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the above-referenced application serial no. \_\_\_\_\_ filed on \_\_\_\_\_, including the right to claim priority in the United States or in any foreign countries; and, in and to, all Letters Patent to be obtained for said invention by the above-referenced application or any continuation, continuation-in-part, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof, including any and all rights to sue for past damages. ASSIGNOR hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. ASSIGNOR further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said United States application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes thereof.

Inventor's  
Signature:

Joel A. Willhite  
Joel A. Willhite

Residence:

Memphis, TN

Post Office Address:

1367 East Rolling Oaks Drive  
Memphis, TN 38119

Date:

MAR 26, 2019

Citizenship: US

SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

I, Ahmad Alsaifan

Whose full post office address is: 4351 High Plains Rd, Bartlett TN 38135  
Street, City, Postal Code, Country

Make oath and say that I was personally present and did see Joel A. Willhite who is personally known or identified to me to be the inventor named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at: Olympus Surgical Technologies of America Bartlett TN

On this 26 day of March, 2019

[Signature]  
Subscribing Witness

COMBINED DECLARATION & ASSIGNMENT

Title of Invention: MEDICAL DEVICE

As the below named inventor, I hereby declare that:

This declaration is directed to:

- The attached application, or
- The United States Application Number or PCT International Application Number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe that I am an original inventor or an original joint inventor of a claimed invention in the application.

I hereby 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.

**ASSIGNMENT OF INVENTION:** In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:** hereby sell, assign and transfer to

**ASSIGNEE:**

Kevin C Edwards  
4248 Lundy Bend East  
Olive Branch, MS 38654

GYRUS ACMI, INC., d/b/a  
Olympus Surgical Technologies America  
136 Turnpike Road  
Southborough, MA 01772

Nationality: US

State or Country of Formation: US

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and any foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the above-referenced application serial no. \_\_\_\_\_ filed on \_\_\_\_\_, including the right to claim priority in the United States or in any foreign countries; and, in and to, all Letters Patent to be obtained for said invention by the above-referenced application or any continuation, continuation-in-part, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof, including any and all rights to sue for past damages. ASSIGNOR hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. ASSIGNOR further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said United States application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes thereof.

Inventor's  
Signature:

Kevin C Edwards  
Kevin C Edwards

Residence:

Olive Branch, MS

Post Office Address:

4248 Lundy Bend East  
Olive Branch, MS 38654

Date:

Mar 26, 2019

Citizenship: US

SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

I, JARREN STRATTON

Whose full post office address is: 225 N MANVEL ST MEMPHIS TN 38112  
Street, City, Postal Code, Country

Make oath and say that I was personally present and did see KEVIN EDWARDS who is personally known or identified to me to be the inventor named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at: OLYMPIA - BARTLETT, TN

On this 26 day of MARCH, 2019

[Signature]  
Subscribing Witness