505045506 08/10/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5092259

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the EXECUTION DATE OF ASSIGNOR GREGORY S. KONSTORUM previously recorded on Reel 045176 Frame 0124. Assignor(s) hereby confirms the WITH THE CORRECT DATE.
RESUBMIT DOCUMENT ID:	504829501

CONVEYING PARTY DATA

Name	Execution Date
GREGORY S. KONSTORUM	10/06/2014
MING J CHENG	10/27/2014
DANIEL R. GOLDBERG	12/01/2014

RECEIVING PARTY DATA

Name:	GYRUS ACMI, INC., D/B/A OLYMPUS SURGICAL TECHNOLOGIES AMERICA						
Street Address:	136 TURNPIKE ROAD						
City:	SOUTHBOROUGH						
State/Country:	MASSACHUSETTS						
Postal Code:	01772						

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15917212

CORRESPONDENCE DATA

Fax Number: (248)292-2910

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: 2482922920

bballard@patentco.com Email: JOSEPH L. KALLIE **Correspondent Name:**

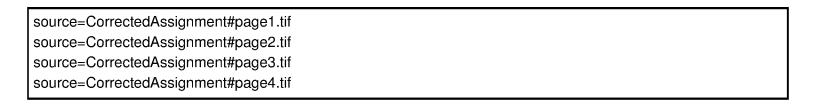
Address Line 1: 29 W. LAWRENCE STREET Address Line 4: PONTIAC, MICHIGAN 48342

ATTORNEY DOCKET NUMBER: 1663.045USD1 JOSEPH L. KALLIE NAME OF SUBMITTER: SIGNATURE: /Joseph L. Kallie/ **DATE SIGNED:** 08/10/2018

Total Attachments: 4

PATENT REEL: 046616 FRAME: 0560

505045506



PATENT REEL: 046616 FRAME: 0561

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4861938

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGORY S. KONSTORUM	10/06/2016
MING J. CHENG	10/27/2014
DANIEL R. GOLDBERG	12/01/2014

RECEIVING PARTY DATA

Name:	GYRUS ACMI, INC., D/B/A OLYMPUS SURGICAL TECHNOLOGIES AMERICA
Street Address:	136 TURNPIKE ROAD
City:	SOUTHBOROUGH
State/Country:	MASSACHUSETTS
Postal Code:	01772

PROPERTY NUMBERS Total: 1

***************************************	Property Type	Number
***************************************	Application Number:	15917212

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Fax Number: (248)292-2910

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Phone: 2482922920

Email: bballard@patentco.com
Correspondent Name: JOSEPH L. KALLIE

Address Line 1: 29 W. LAWRENCE STREET PONTIAC, MICHIGAN 48342

ATTORNEY DOCKET NUMBER:	1663.045USD1
NAME OF SUBMITTER:	JOSEPH L. KALLIE
SIGNATURE:	/Joseph L. Kallie/
DATE SIGNED:	03/12/2018

Total Attachments: 3

source=Oath_Dec_1663_045USD1_G0165USD1#page1.tif source=Oath_Dec_1663_045USD1_G0165USD1#page2.tif source=Oath_Dec_1663_045USD1_G0165USD1#page3.tif

> PATENT REEL: 046616 FRAME: 0562

COMBINED DECLARATION & ASSIGNMENT

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION: This declaration is for an original application.

Gregory S. Konstonim

INVENTORSHIP IDENTIFICATION: My residence, post office address and citizenship are as stated below, next to my name. I believe that I am an original inventor, or an original joint inventor of the subject matter that is claimed, and for which a patent is sought on the invention entitled: OBLONG ENDOSCOPE SHEATH

SPECIFICATION IDENTIFICATION: C. The attached application; or El The United States Application Number 14/496,473 filed on September 25, 2014 and PCT International Application Number PCT/US2014/57429 filed on September 25, 2014.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR: I hereby state that the filing of the above-referenced application was made or authorized to be made by me. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims. I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56.

DECLARATION: I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ASSIGNMENT OF INVENTION: In consideration of this 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: Gregory S. Konstorum 66-8 Seaside Avenue Stamford, CT 06902 hereby sell, assign and transfer to

ASSIGNEE: GYRUS ACMI, INC. d/b/a Olympus Surgical Technologies America 136 Tumpike Road Southborough, MA 01772 State or Country of Formation: US

Nationality: US

inventor's

a 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 applications: US Application Number 14/495,473 filed on September 25, 2014 and PCT International Application Number PCT/US2014/57429 filed on September 25, 2014, including the right to claim priority in the United States or in any foreign countries, in and to US Provisional Patent Application Nos.; 61/882,652 filed September 26, 2013 (the entire right, title and interest in each such application are also hereby sold, assigned and transferred to Assignee to the extent not already done so); 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, illigation 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.

Residence:

pignature	Harry .		·
Date:	26-10-2014	Post Office Address:	66-8 Seaside Avenue Stamford, CT 06902
Citizenship: US	•		
	SUBSCRIBING WITNESS	AFFIDAVIT OF EXECUTION OF AN AS	SIGNMENT
, Mar	is Loustorum	95x 8	
Whose full post	office address is: <u>6/3 \$4</u> Street, City, Po	6 Je Ave Stan 424 T i istal Code, Country	0690Z
Make oath and to be the inventor Signed at:	say that I was personally present and our present and our part of the attached assignment, in the attached assignment, in the attached assignment.	tid seewh: duly sign and execute the same for the pu	o is personally known or identified to me rposes therein stated.
On this	<u>26day of0.643467</u>	2014	
		M. Koul	
	\tilde{\	Subscribing Witness	

š

PATENT REEL: 046616 FRAME: 0563

Stamford, CT 06902

COMBINED DECLARATION & ASSIGNMENT

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION: This declaration is for an original application.

INVENTORSHIP IDENTIFICATION: My residence, post office address and citizenship are as stated below, next to my name. I believe that I am an original inventor, or an original joint inventor of the subject matter that is claimed, and for which a patent is sought on the

invention entitled: OBLONG ENDOSCOPE SHEATH

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DECLARATION: I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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: Ming J. Cheng 100 Pawtuxet Terrace #11 W. Warwick, RI 02893

hereby sell, assign and transfer to

GYRUS ACMI, INC. d/b/a Olympus Surgical Technologies America 136 Turnpike Road Southborough, MA 01772 State or Country of Formation: US

Nationality: US

a 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 abovereferenced applications: US Application Number 14/496,473 filed on September 25, 2014 and PCT International Application Number PCT/US2014/57429 filed on September 25, 2014, including the right to claim priority in the United States or in any foreign countries, in and to US Provisional Patent Application Nos.: 61/882,652 filed September 26, 2013 (the entire right, title and interest in each such application are also hereby sold, assigned and transferred to Assignee to the extent not already done so); 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.

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							٩												

Residence:

W. Warwick, RI 02893

Date

Post Office Address:

100 Pawtuxet Terrace #11 W. Warwick, RI 02893

Citizenship: US

SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT		
JOSEPHE SCAMARDO		
Whose full post office address is: 2047 SONNING DR., GERMANTOWN, TN 38	138.	LISA
Street, City, Postal Code, Country		

Make oath and say that I was personally present and did see MING J. AFIG 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: 2925 APPLING RD., BAPTIETT, TN 38133

On this 27 day of OCTOBER

PATENT

REEL: 046616 FRAME: 0564

COMBINED DECLARATION & ASSIGNMENT

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION: This declaration is for an original application.

INVENTORSHIP IDENTIFICATION: My residence, post office address and citizenship are as stated below, next to my name. I believe that I am an original inventor, or an original joint inventor of the subject matter that is claimed, and for which a patent is sought on the invention entitled: OBLONG ENDOSCOPE SHEATH

SPECIFICATION IDENTIFICATION: ☐ The attached application; or ☒ The United States Application Number 14/496,473 filed on September 25, 2014 and PCT International Application Number PCT/US2014/57429 filed on September 25, 2014.

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DECLARATION: I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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: Daniel R. Goldberg 377 Meadvale Road Memphis, TN 38120 hereby sell, assign and transfer to

ASSIGNEE:
GYRUS ACMI, INC.
d/b/a Olympus Surgical Technologies America
136 Turnpike Road
Southborough, MA 01772
State or Country of Formation: US

Nationality: US

inventor's

Signature

RECORDED: 03/21/2018

a 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 applications: US Application Number 14/496,473 filed on September 25, 2014 and PCT International Application Number PCT/US2014/57429 filed on September 25, 2014, including the right to claim priority in the United States or in any foreign countries, in and to US Provisional Patent Application Nos.: 61/882,652 filed September 26, 2013 (the entire right, title and interest in each such application are also hereby sold, assigned and transferred to Assignee to the extent not already done so); 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.

Residence:

Date:	OIDEC 2014	Post Office Address:	377 Meadvale Road Memphis, TN 38120
Citizenship: L	es		
	SUBSCRIBING WITNI	ESS AFFIDAVIT OF EXECUTION OF AN AS	SIGNMENT
1. 20	er Wone	··	
Whose full pos	t office address is: <u>955 Blv</u> f Street, City.	F Springs Arlington TN 38002 Postal Code, Country	
Make oath and to be the inven Signed at:	say that I was personally present a tor named in the attached assignme OSTA BARTLETT	nd did see <u>DAN COLDBERG</u> who int, duly sign and execute the same for the pu	is personally known or identified to merposes therein stated.
On this	Ol day of DECENSER	Subscribing Witness	
		v	DATENT

PATENT

REEL: 046616 FRAME: 0565

Memphis, TN