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	ector of the U.S. Patent and Trademark Office). Box 1450	
	xandria, VA 22313-1450	
		Attorney Docket No. 155149
	Please record the attached or	riginal document or copy thereof.
1.	A. Name of conveying parties:	2. A. Name and address of receiving party:
	(1) Kester J. BATCHELOR (2) Nikhil M. MURDESHWAR (3) Tracey L. DOBBS (4) Jyue Boon LIM (5) Tsuyoshi HAYASHIDA (6) Riyad MOE B. Additional name(s) of conveying party(ies) attached? □ Yes □ No	GYRUS ACMI, INC., D.B.A. OLYMPUS SURGICAL TECHNOLOGIES AMERICA 136 TURNPIKE ROAD, SOUTHBOROUGH, MA 01772 B. Additional name(s) & address(es) attached? Yes 🖾 No
		_
3.	A. Nature of conveyance:	
	Assignment Merger	
	Security Agreement Change of Name	
	Other	
	B. Execution Date: (1, 2 and 4) March 8, 2013, (3) March 13, 2013, (5) March 15, 2013 and (6) March 13, 2013	
4,	☐ This document is being filed together with a new appl	lication.
	A. Patent Application No. 13/835,168	B. Parent No.(s)
		attachcd? ☐ Yes ⊠ No
	C. Title of Application: BIPOLAR COLPOTOMY	
	D. This Assignment is submitted for a dual purporties the above-identified application as the oath or	ose: (1) recording in the assignment database; and (2) for use in declaration pursuant to 37 CFR 1.63(c).
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
	Name: James A. Oliff Address: OLIFF & BERRIDGE, PLC	7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.
	P.O. Box 320850 Alexandria, VA 22320-4850	Credit any overpayment or charge any underpayment to deposit account number 15-0461.
9.	Statement and signature. To the best of my knowledge and belief, the foregoing information original document. James A. Oliff, Registration No. 27,075	mation is true and correct and any attached copy is a true copy of the Date: August 2, 2013
	Mario A. Costantino, Registration No. 33,565	

Total number of pages including cover sheet, attachments, and document: 9

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ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

WORLDWIDE ASSIGNMENT

	lnsert	(1) Kester J. E	BATCHELOR	(2)	Nikbil M. MURDESI(WAR	
(1-8)	Logal Name(n)	(3) Tracey).	DOBBS	(4)	Iyuc Boon LIM	
	of Inventor(s)	(5) Tsuyoshi I	HAYASHIDA	(6)	Riyad MOE	
		(7)		(8)		
		undersigned, the re	the sum of one dollar ceipt and aufficiency o transfer and set over t	I which are bere	r good and valuable vousideration paid to each of the by anknowledged, each undersigned agrees to assign, and	
(9)	Insert Name of Assignee	(9) GYRUS A	CMI, INC., D.B.A. O	LYMPUS SUR	FICAL TECHNOLOGIES AMERICA	
(10)	Insert Address of Assignee	(10) 136 TURNPIKE ROAD, SOUTHBOROUGH, MA 01772				
		provision, and in al	l applications for pater oal, continuation, inter	st or similar righ manional, confin	defined in 35 U.S.C. \$100 and for all other countries in the is on the invention, including any and all provisional, non- mation, substitute and reissue application(s), including any	
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2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or grant for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

provisions of the international Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be precessary to obtain, maintain or confirm a grant to the Assignee in the United States and any other country in which the Assignee may file an application for patent or other grant.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademerk Office and other issuing authorities to issue any and all gatents or other grants resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covernant that he has full right to convey the column interest herein assigned, and that he has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

6) Each unders made beach strants the firm of Overn & Propertices and the succession of the source to this assignment any further identification that may

6) Each unders good hereby grants the firm of OLDER & DERRIDGE, PLC the power to lasert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Palent and Trademark Office, for recordation of this document.

Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentiality as defined in 37 CFR \$1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable ander 13 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

PATENT

REEL: 031031 FRAME: 0768

In witness whereof, executed by the under	rsigned on the date(s) opposite the undersigned name(s).	
Date ORMARZOLS	Inventor Signature	(SEAL)
Date 08 METR 2013	Inventor Signature	(SEAI)
Date O8 Mars 2013	Inventor Signature Will Multi-	(SEAL)
Date	Inventor Signature	(Seal)
Date	Inventor Signature	(SEAL)
Date	Inventor Signature	(SEAI)
Date	Inventor Signature	(SEAL)
Date	Inventor Signature	(SEAL)
This assignment should profetably be signed before at least two witness	med before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if a ses who also sign here:	outside the U.S.A. If neither,
Date Man 8, 2013	Witness	
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عد دروند ۲

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

WORLDWIDE ASSIGNMENT

	ARSEFE .	(1)	Kester J. BATCHELOR	(2)	Nikhi M. MURDESHWAR		
(1-8)	Legal Name(s)	(3)	Tracey L., DOBBS	(4)	Jyue Boon LIM		
	of inventor(s)	(5)	Tsuyoshi HAYASHIDA	(6)	Riyad MOE		
		(7)		·(8)			
		under	sideration of the sum of one deliar (signed, the receipt and sufficiency of does assign, transfer and set over to	Which are here	r good and valuable consideration paid to each of the by asknowledged, each undersigned agrees to assign, and		
(9)	Jusert Name of	(9)	GYRUS ACMI, INC., D.B.A. OLYMPUS SURGICAL TECHNOLOGIES AMERICA				
(3.0)	lasert Address of Assignee	(10)	(10) 136 TURNPIKE ROAD, SOUTHBOROUGH, MA 01772				
		of any extensi	mon(s) filed in any country based th treaty or convention; and in all grain	ereon, and inclu is, such as Lette	nation, substitute and reissue application(s), including any ading the right to file foreign applications under the provisions Patcht, certificates, utility models, confirmations, y be granted in the United States and in all other countries of		
(11)	Im crt Identification sach as Title, Case Number, or Foreign	(Ï1)	BIPOLAR COLPOTOMY DEVI	CE .			
	Application Number	(Atten	ney Docket No. 155149), filed	on even date herewith or as		
12)	Allernative Identification for	(12)	U.S. Application Number	13/83	5,168		
	tik d applications	filed	March 15, 20	513			

1) Each undersigned agrees to execute all papers necessary in connection with any application and/or grant for the invention and also to execute separate essignments in connection with such applications and grants as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or grant for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

3) Bach undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Fach undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm a grant to the Assignee in the United States and any other country in which the Assignee may file an application for patent or other grant,

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office and other issuing authorities to issue am and all patents or other grants resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

6) I ach undersigned hereby grants the firm of OLEF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the roles of any issuing authority, including the United States Patent and Trademark Office, for

recordation of this document.

(3)Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this icclaration is being submitted.

The application was made or amborized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office a information known to me to be material to patentability as defined in 37 CFR \$1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S. APEN fine or suprisonment of not more than five (5) years or both

REEL: 031031 FRAME: 0770

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Date	13 MAR IS	\sim $\langle 1/1 \rangle$	(SEAL)
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then it s	This assignment should preferably be signer should be signed before at least two witnesses	I before: (a) a Notary Public if within the U.S.A. (b) a U.S. Cons who also sign here:	ul if outside the U.S.A. If neithe
Dute .	0/0/0	Witness Toobie Kon Me	Le.
Date		Witness	

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

WORLDWIDE ASSIGNMENT

	lasert	(1)	Kester J. BATCHELOR	aganat range (2)	Nikhii M. MURDESHWAR
(1-8)	Legal Name(s)	(3)	Tracey L. DOBBS	. (4)	Jyue Boon LIM
	of Inventor(s)	(5)	Tsuyoshi HAYASHIDA	(6)	Riyad MOE
		(7)	,	(8)	
(2)	Insert Name of	nuaci	signed, the receipt and sufficiency of does assign, transfer and set over	y of Which are here er to	r good and valuable consideration paid to each of the by acknowledged, each undersigned agrees to assign, and
	Assignee Insert Address of	(9)	GYRUS ACMI, INC., D.B.A.	OLYMPUS SURC	GICAL TECHNOLOGIES AMERICA
(10)	Assignee	(10)	136 TURNPIKE ROAD, SOL	JTHBOROUGH, 1	MA 01772
		of any extensi	ation(s) filed in any country base. treaty or convention; and in all g	d thereon, and inch rants, such as Lette	nation, substitute and reissue application(s), including any uding the right to file foreign applications under the provisions are Patent, certificates, utility models, confirmations, by be granted in the United States and in all other countries on
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	BIPOLAR COLPOTOMY DE	VICE	
	Approxiton Hunter	(Attor	ney Docket No. 155149), filë:	on even date herewith or as
(12)	Alternative	(12)	U.S. Application Number	13/8	335,168
	Identification for filed applications	filed	Morch 15,	9013	· · · · · · · · · · · · · · · · · · ·
	15 English daming all amounts		11	* *.	

1) Each undersigned agrees to execute all papers necessary in connection with any application and/or grant for the invention and also to execute separate assignments in connection with such applications and grants as the Assignce may deem necessary.

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5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office and other issuing authorities to issue my and all patents or other grants resulting from said application(s) to the said Assignce, as, Assignce of the entire interest, and covenants that he has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assigned is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

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(13) Declaration

As an above named inventor, I hereby declare that;

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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.

PATENT REEL: 031031 FRAME: 0772

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Dute	Mar - 13 - 2013	Inventor Signature	Tracey Dobbs	(SEAL)
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hen it si	This assignment should preferably be signed nould be signed before at least two witnesses	d before; (a) a Notary Pu who also sign here;	ablic if within the U.S.A. (b) a U.S. Consul if outside	the U.S.A. If neither
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ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing-Date on or after September 16, 2012

WORLDWIDE ASSIGNMENT

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			(4)	MINI M. MURDESHWAR			
Legal Name(s)	(3)	Tracey L DOBBS	(4)	Jyuc Boon LIM			
of Inventor(s)	(5)	Tsuyoshi HAYASHIDA	(s)	Riyad MOE			
	(7)		(8)	4.4			
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Alternative	(12)	U-S. Application Number	13/5	835,168			
Identification for filed applications	filed	March 15,		•			
	bisert Name of Assignee Insert Address of Assignee Insert Address of Assignee Such as Title, Case Number, or Foreign Application Number	of Inventor(s) (5) (7) In continuence of tender bereby tenders bereby tenders of tende	of Inventor(s) (5) Tsuyoshi HAYASHIDA (7) In consideration of the sum of one dollar (3 tundersigned, the receipt and sofficiency of hereby does assign, transfer and set over to for hereby does assign, transfer and set over to inventor. Assignee (9) GYRUS ACMI, INC., D.B.A. OLITICAL ASSIGNEE (10) 135 TURNPIKE ROAD, SOUTH (htreinafter designated as the Assignee) and right, title and interest for the United States invention, and in all splications, internous pupilications, internous pupilications, reissues and recommination cert the invention, known as Discrit Identification such as Title, Case Number, or Foreign Application Number (Attorney Docket No. 155149	of Inventor(s) (5) Tayyoshi HAYASHIDA (6) (7) (8) In consideration of the sum of one dollar (\$1.00) and othe undersigned, the receipt and sufficiency of which are here hereby does assign, transfer and set over to Lesert Name of Assignee (9) GYRUS ACMI, INC., D.B.A. OLYMPUS SURG (10) 136 TURNPIKE ROAD, SOUTHBOROUGE, I (htreinafter designated as the Assignee) and Assignee's he right, title and interest for the United States of America as invention, and in all applications for patent or similar right provisional, divisional, cantinuation, international, continuation, international, continuation, international, continuation, international, continuation, international, continuation, international continuation, reissues and recognitional certificates that me the invention, known as Descriptional of the sum of one dollar (\$1.00) and other here thereby does assign, transfer and set over to (10) 136 TURNPIKE ROAD, SOUTHBOROUGE, I (htreinafter designated as the Assignee's heright, title and inherest for the United States of America as invention, and in all applications, international continuation, interna			

- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or grant for the invention and to cooperate with the Assigned to every way possible to obtaining evidence and going forward with such interference or post-gran(proceeding.
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- United States and any other country in which the Assigned may file an application for patent or other grout.

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Date	$\frac{3}{15} / \frac{20}{3}$	Inventor Signature	4	(SEAL)
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en it s	This assignment should preferably be s should be signed before at least two withe	igned before: (a) a Notary Public 2ses who also sign here:	if within the U.S.A. (b) a U.S. Coosel if	oulside the U.S.A. If nei
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