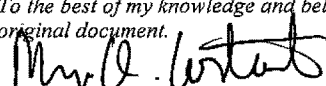


<b>Mail Stop:</b> Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>	<b>U.S. DEPARTMENT OF COMMERCE</b> Patent and Trademark Office
		Attorney Docket No. <u>156398</u>
Please record the attached document.		
Total number of pages including cover sheet, attachments, and document: <u>3</u>		
1. A. Name of conveying parties:  [1] Kester BATCHELOR [2] Tracey DOBBS [3] Jyue Boon LIM [4] Nikhil MURDESHWAR [5] Tsuyoshi HAYASHIDA  B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. A. Name and address of receiving party:  GYRUS ACMI, INC. 136 TURNPIKE ROAD, SOUTHBOROUGH, MA 01772 UNITED STATES  B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. A. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  B. Execution Date: <u>[1-4] OCTOBER 30, 2013;</u> <u>[5] NOVEMBER 1, 2013</u>		
4. A. Patent Application No. <u>14/074,202</u>		B. Patent No.
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
C. Title of Application: <u>ELECTROSURGICAL SYSTEM HAVING GRASPER AND SNARE WITH SWITCHABLE ELECTRODE</u>		
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>James A. Oliff</u>  Address: <b>OLIFF &amp; BERRIDGE, PLC</b> <b>P.O. Box 320850</b> <b>Alexandria, VA 22320-4850</b> <b>Phone Number: 703-836-6400</b> <b>Fax Number: 703-836-2787</b> <b>Email: <u>email@oliff.com</u></b>	6. Total number of applications and patents involved: <u>1</u>	
	7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of <u>\$40.00</u> .	
	8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.	
9. <b>Statement and signature.</b> <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  _____ James A. Oliff, Registration No. 27,075 Mario A. Costantino, Registration No. 33,565		
		Date: <u>November 7, 2013</u>

CH \$40.00 150461 14074202

WORLDWIDE ASSIGNMENT

Insert	(1) <u>Kester BATCHELOR</u>	(2) <u>Tracy DOBBS</u>
(1-8) Legal Name(s)	(3) <u>Jyu Boon LIM</u>	(4) <u>NIKHU MURDUSHWAR</u>
of Inventor(s)	(5) <u>Tsuyoshi HAYASHIDA</u>	(6) _____
	(7) _____	(8) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee	(9) <u>GYRUS ACMI, INC., D.B.A. OLYMPUS SURGICAL TECHNOLOGIES AMERICA</u>
(10) Insert Address of Assignee	(10) <u>136 TURNPIKE ROAD, SOUTHBOROUGH, MA 01772</u>

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100 and for all other countries: in the invention; in all applications for patent or similar rights on the invention, said applications including any and all provisional, non-provisional, divisional, continuation, international, continuation, substitute and resubmission application(s), including any application(s) filed in any country based thereon, and including the right to file foreign applications under the provisions of any treaty or convention; and in all grants, such as Letters Patent, certificates, utility models, unexpired patents, extensions, renewals and reexamination certificates that may be granted in the United States and in all other countries on the invention, known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number	(11) <u>ELECTROSURGICAL SYSTEM HAVING GRASPER AND SNARE WITH SWITCHABLE ELECTRODE</u>
--------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------

(Attorney Docket No. 156398), filed on event data herewith or as

(12) Alternative Identification for filed applications	(12) U.S. Application Number <u>14/074,202</u>
	filed <u>November 7, 2013</u>

- 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 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) 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.
- 4) Each undersigned agrees to perform all alternative acts which may be necessary to obtain, maintain or confirm a valid 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 any 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 or she has full right to convey the entire interest herein assigned, and that he or she 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 undersigned hereby grants the firm of CLIFF & BERTRIDGE, PLC the power to insert 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 Patent and Trademark Office, for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>30th Oct 2013</u>	Inventor Signature <u>Kester Batchelor</u>	(Kester BATCHELOR)	(SEAL)
Date <u>10/30/13</u>	Inventor Signature <u>Tracy Dobbs</u>	(Tracy DOBBS)	(SEAL)
Date <u>10/30/13</u>	Inventor Signature <u>Jyu Boon Lim</u>	(Jyu Boon LIM)	(SEAL)
Date <u>30th Oct 2013</u>	Inventor Signature <u>Nikhu Murdushwar</u>	(NIKHU MURDUSHWAR)	(SEAL)
Date <u>10/30/13</u>	Inventor Signature _____	(Tsuyoshi HAYASHIDA)	(SEAL)
Date _____	Inventor Signature _____		(SEAL)
Date _____	Inventor Signature _____		(SEAL)
Date _____	Inventor Signature _____		(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date <u>10/30/13</u>	Witness <u>[Signature]</u>
Date <u>30-Oct-2013</u>	Witness <u>[Signature]</u>

WORLDWIDE ASSIGNMENT

	Insert	(1)	<u>Kester BATCHELOR</u>	(2)	<u>Tracey DOBBS</u>
(1-8)	Legal Name(s)	(3)	<u>Jyue Boon LIM</u>	(4)	<u>Nikhil MURDESHWAR</u>
	of Inventor(s)	(5)	<u>Tsuyoshi HAYASHIDA</u>	(6)	<u></u>
		(7)	<u></u>	(8)	<u></u>

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(9)	Insert Name of Assignee	(9)	<u>GYRUS ACMI, INC., D.B.A. OLYMPUS SURGICAL TECHNOLOGIES AMERICA</u>
(10)	Insert Address of Assignee	(10)	<u>136 TURNPIKE ROAD, SOUTHBOROUGH, MA 01772</u>

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(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	<u>ELECTROSURGICAL SYSTEM HAVING GRASPER AND SNARE WITH SWITCHABLE ELECTRODE</u>
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(Attorney Docket No. 156398 ), filed on even date herewith or as

(12)	Alternative Identification for filed applications	(12)	U.S. Application Number <u>14/074,202</u> filed <u>November 7, 2013</u>
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- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm a valid 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.
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- 6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLLC the power to insert 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 Patent and Trademark Office, for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u></u>	Inventor Signature	<u>(Kester BATCHELOR)</u>	(SEAL)
Date	<u></u>	Inventor Signature	<u>(Tracey DOBBS)</u>	(SEAL)
Date	<u></u>	Inventor Signature	<u>(Jyue Boon LIM)</u>	(SEAL)
Date	<u></u>	Inventor Signature	<u>(Nikhil MURDESHWAR)</u>	(SEAL)
Date	<u>11/1/13</u>	Inventor Signature	<u>(Tsuyoshi HAYASHIDA)</u>	(SEAL)
Date	<u></u>	Inventor Signature	<u></u>	(SEAL)
Date	<u></u>	Inventor Signature	<u></u>	(SEAL)
Date	<u></u>	Inventor Signature	<u></u>	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	<u>11/1/13</u>	Witness	<u>Yoshitaka Honda</u>
Date	<u>11/1/13</u>	Witness	<u>N. S. Jayaram</u>

PATENT