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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL UTZ	09/30/2016
FRANZ-PETER FIRMBACH	10/04/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15358799	

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ATTORNEY DOCKET NUMBER:	HOEG-1642
NAME OF SUBMITTER:	DOUGLAS M. MCALLISTER
SIGNATURE:	/douglas m. mcallister/
DATE SIGNED:	11/22/2016

Total Attachments: 2

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> **PATENT** REEL: 040402 FRAME: 0612 504107631

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we the undersigned,

Michael UTZ and Franz-Peter FIRMBACH

and is entitled MEDICAL SYSTEM

	ho, l as be		a certain invention for which an application for United States Letters Pater	rt
Ĺ	X]	executed concu	rrently berewith	
-]	filed on	and assigned application number	

Do hereby sell, assign and transfer to: Aesculap AG

referred to herein as "Assignee", whose address is: Am Aesculap-Platz

78532 Tuttlingen, Germany

its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States and its territorial possessions, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto (including prior filed provisional applications) which have been or shall be filed in the United States and/or its territorial possessions, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties; including all future conventions, unions, agreements, acts, and treaties:

Agree that Assignee may apply for and receive in its own name Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in the United States and its territorial possessions; and that, when requested to carry out in good faith the intent and purpose of this assignment at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and

PATENT REEL: 040402 FRAME: 0613 the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned hereby grant(s) the law firm of Lipsitz & McAllister, LLC the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

indicated below.	ve hereunto set my/our signature(s) on the date(s)
Ye 4 ~ U 4 ~ Winess - Signature	//////////////////////////////////////
Gerhard Reu	Date: <u>30.9-7016</u>
Name of Witness Printed () .	(L.S.)
Witness - Signature	Franz-Peter Firmbach
LLAUS PFITSCHER	Date: 04. 10. 2016
Name of Witness Printed	
	(LS.)
Witness - Signature	
100 St. 200 St	Date:
Name of Witness Printed	
	(L.S.)
Witness - Signature	
	Date:
Name of Witness Printed	
Attorney Docket No. HOEG-1642	

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RECORDED: 11/22/2016