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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
TANJA BROGHAMMER	11/11/2018
JOERG FRITZSCHE	11/06/2018
JENS SCHNEIDER	11/05/2018
KAI BISSER	11/05/2018

RECEIVING PARTY DATA

Name:	AESCULAP AG
Street Address:	AM AESCULAP-PLATZ
City:	TUTTLINGEN
State/Country:	GERMANY
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16260348

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	HOEG-1756
NAME OF SUBMITTER:	DOUGLAS M. MCALLISTER
SIGNATURE:	/douglas m. mcallister/
DATE SIGNED:	01/29/2019

Total Attachments: 3

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> **PATENT** REEL: 048163 FRAME: 0864 505300889

ASSIGNMENT

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

Tanja BROGHAMMER, Jörg FRITZSCHE, Jens SCHNEIDER and Kai BISSER

who, h		in invention for which an application	for United	States I	Letters	Pateni
[X]	executed concurrently filed on	herewith and assigned application number				
and is	entitled					
	"Join	socket and joint endoprosthesis"				

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: 048163 FRAME: 0865 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.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our signature(s) on the date(s)

indicated below.

Witness - Signature

Name of Witness Printed

Name of Witness Printed

Witness - Signature

Date: 2018 - 11 - 06

Name of Witness Printed

Date: 2018 - 11 - 06

Name of Witness Printed

Witness - Signature

Chairbian Sader

Name of Witness Printed

Witness - Signature

Chairbian Sader

Name of Witness Printed

Chairbian Sader

Date: 2018 - 11 - 05

Kai Bisser

Date: Name of Witness Printed

Attorney Docket No. HOEG-1756

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.

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IN TESTIMONY WHEREOF, I/we have hereunto set my/our signature(s) on the date(s) indicated below.

	(L.S.)
Witness - Signature	Tanja Broghammer	
	Date:	
Name of Witness Printed		
XXX		L.S.)
Witness - Signature	Jörg Fritzsche	
NE CAUL D. C.	Date:	
Name of Witness Printed		
Witness - Signature	*****	L.S.)
Miness - Oishwine	Jens Schneider	
Name of Witness Printed	Date:	
1	Y	
Witness - Signature	X <u>Ua' Gg</u> (Kai Bisser	L.S.)
Gethard Bicset Name of Witness Printed	X Date: <u>05.44.2048</u>	

PATENT REEL: 048163 FRAME: 0867

RECORDED: 01/29/2019

Attorney Docket No. HOEG-1756