

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5351220

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHRISTIAN M. PUTTLITZ	07/16/2018
HILMI VOLKAN DEMIR	07/17/2018
KEVIN M. LABUS	07/11/2018
KIRK C. MCGILVRAY	07/16/2018
EMRE UNAL	07/17/2018
RECEIVING PARTY DATA	
Name:	COLORADO STATE UNIVERSITY RESEARCH FOUNDATION
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City:	FORT COLLINS
State/Country:	COLORADO
Postal Code:	80522
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16262305
CORRESPONDENCE DATA	
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<i>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.</i>	
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NAME OF SUBMITTER:	TAMMY KASSICK
SIGNATURE:	/Tammy Kassick/
DATE SIGNED:	01/30/2019
Total Attachments: 6	

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ASSIGNMENT
WORLDWIDE PATENT RIGHTS

WHEREAS, the undersigned inventors have invented certain new and useful improvements (hereafter Invention) for which the following patent applications have been filed:

Application No.	Filed	Title
PCT/US18/28590	20 April 2018	DISPLACEMENT AND DEFORMATION MONITORING METHOD AND SYSTEM WITHOUT USING ANY STRAIN SENSOR, AND COMPONENTS THEREOF
US 62/571,554	12 October 2017	DISPLACEMENT AND DEFORMATION MONITORING METHOD AND SYSTEM WITHOUT USING ANY STRAIN SENSOR, AND COMPONENTS THEREOF
US 62/488,460	21 April 2017	TELEMETRIC LOAD-SENSING OF ORTHOPEDIC IMPLANTS BASED ON NEAR FIELD INTERFERENCE WITH AN ELECTROMAGNETIC ANTENNA

WHEREAS, the following Assignee,

Name: **COLORADO STATE UNIVERSITY RESEARCH FOUNDATION**

Address: **P.O. BOX 483, FORT COLLINS, COLORADO 80522**

its heirs, successors, legal representatives and assigns is desirous of acquiring the entire right, title and interest in and to the Invention and in and to any and all patent(s) that may be granted therefor in the United States of America and in any foreign countries.

The undersigned inventors each hereby:

for good and valuable consideration, the receipt of which is hereby acknowledged, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the Invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all patent(s) that may be granted therefor worldwide; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted;

covenant that the undersigned inventors each have the full right to convey the entire interest herein assigned, and that no assignment, sale, agreement or encumbrance has been or will be made, or entered into that would conflict with this Assignment;

agree to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient;

agree to execute all papers necessary in connection with any interference or post-grant proceeding that may be declared concerning this application or continuation, division, conversion or reissue thereof, or patent(s) or reissue patent issued thereon, and to cooperate with the Assignee in every way possible in obtaining and producing evidence and for such proceeding;

agree to execute all papers and documents and to perform any act that may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements;

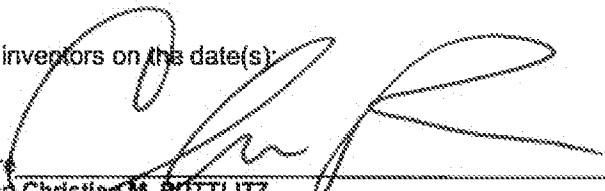
agree to perform all affirmative acts that may be necessary to obtain a grant of a valid United States of America patent(s) and any foreign patent(s) to the Assignee, and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned inventors if this Assignment and sale had not been made;

authorize and request the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all patent(s) resulting from the application or any continuing, divisional conversion or reissue applications thereof to the Assignee, as Assignee of the entire interest; and

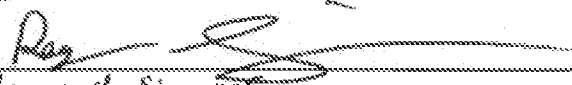
grant the law firm of Rossi, Kimms & McDowell LLP the power to insert on this Assignment any identification, including but not limited to the Attorney Docket Number, or make corrections thereto, which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned inventors on this date(s)

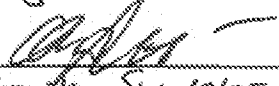
Date 16 July 2018

Signature 
Name of Inventor: Christian M. POTTLITZ

Date 16 July 2018

Signature 
Name of Witness 1: Raymond Simons

Date 16 July 2018

Signature 
Name of Witness 2: Annela Sundsten

Date _____

Signature _____
Name of Inventor: Hilmi Volkan DEMIR

Date _____

Signature _____
Name of Witness 1: _____

Date _____

Signature _____
Name of Witness 2: _____

Date _____

Signature _____
Name of Inventor: Kevin M. LABUS

Date _____

Signature _____
Name of Witness 1: _____

Date _____

Signature _____
Name of Witness 2: _____

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grant the law firm of Rossi, Kimms & McDowell LLP the power to insert on this Assignment any identification, including but not limited to the Attorney Docket Number, or make corrections thereto, 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.

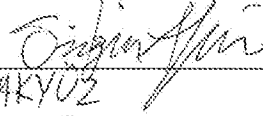
In witness whereof, executed by the undersigned inventors on the date(s):


Date _____ Signature _____
Name of Inventor: **Christian M. PUTTLITZ**

Date _____ Signature _____
Name of Witness 1: _____

Date _____ Signature _____
Name of Witness 2: _____

Date 7/17/2018 Signature 
Name of Inventor: **Hilmi Volkan DEMIR**

Date 7/17/2018 Signature 
Name of Witness 1: **Ozgin AKYUZ**

Date 7/17/2018 Signature 
Name of Witness 2: **Volodymyr Sheremet**

Date _____ Signature _____
Name of Inventor: **Kevin M. LABUS**

Date _____ Signature _____
Name of Witness 1: _____

Date _____ Signature _____
Name of Witness 2: _____

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In witness whereof, executed by the undersigned inventors on the date(s):

Date _____ Signature _____
Name of Inventor: **Christian M. PUTTLITZ**

Date _____ Signature _____
Name of Witness 1: _____

Date _____ Signature _____
Name of Witness 2: _____

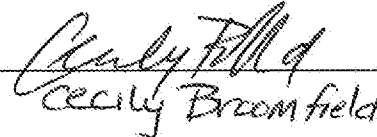
Date _____ Signature _____
Name of Inventor: **Hilmi Volkan DEMIR**

Date _____ Signature _____
Name of Witness 1: _____

Date _____ Signature _____
Name of Witness 2: _____

Date 7/11/2018 Signature 
Name of Inventor: **Kevin M. LABUS**

Date 7/11/2018 Signature 
Name of Witness 1: **Lucas Nakamura**

Date 7/11/2018 Signature 
Name of Witness 2: **Cecily Broomfield**

Date 7/16/18

Signature *Kirk McGilvray*
Name of Inventor: **Kirk C. MCGILVRAY**

Date 7/16/18

Signature *[Signature]*
Name of Witness 1: **Megan English**

Date 7/16/18

Signature *[Signature]*
Name of Witness 2: **Jason Kuiper**

Date _____

Signature _____
Name of Inventor: **Emre UNAL**

Date _____

Signature _____
Name of Witness 1: _____

Date _____

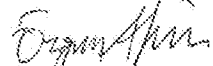
Signature _____
Name of Witness 2: _____

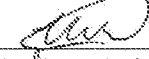
Date _____ Signature _____
Name of Inventor: Kirk C. MCGILVRAY

Date _____ Signature _____
Name of Witness 1: _____

Date _____ Signature _____
Name of Witness 2: _____

Date 7/17/2018 Signature 
Name of Inventor: Emre UNAL

Date 7/17/2018 Signature 
Name of Witness 1: Ozgur AKYUZ

Date 7/17/2018 Signature 
Name of Witness 2: Volodymyr Sheremet