504488111 08/03/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EBERHARD- KARLS- UNIVERSITÄT TÜBINGENMEDIZINISCHE FAKULTÄT	07/20/2017

RECEIVING PARTY DATA

Name:	UNIVERSITY OF IOWA RESEARCH FOUNDATION		
Street Address:	112 N CAPITOL STREET		
Internal Address:	6 GILMORE HALL		
City:	IOWA CITY		
State/Country:	IOWA		
Postal Code:	52242-5500		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14983021

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	875.154US1	
NAME OF SUBMITTER:	KERRI WRIGHT	
SIGNATURE:	/KERRI WRIGHT/	
DATE SIGNED:	08/03/2017	

Total Attachments: 5

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PATENT 504488111 REEL: 043190 FRAME: 0224

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 875.154US1 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: University of Iowa Research Foundation Eberhard- Karls- Universität Tübingen Medizinische Street Address: 112 N Capitol Street Fakultät 6 Gilmore Hall Additional name(s) of conveying party(ies) attached? City: <u>Iowa City</u> State: <u>IA</u> Zip: Country: <u>United States of America</u> Zip: 52242-5500 []Yes [X]No 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: July 20, 2017 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 14/983,021, filed December 29, 2015 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence 7. Total fee (37 CFR 3.41):\$ 0.00 concerning document should be mailed: Name: Janet E. Embretson [[Enclosed [Authorized to be charged to deposit account 19-Address: 0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, MN 55402--0938 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE Statement and signature. 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. /Janet E. Embretson/ August 3, 2017 Janet E. Embretson/Reg. No. 39,665 Name of Person Signing Signature Total number of pages including cover sheet: 5 Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450 Alexandria, VA 22313-1450

> PATENT REEL: 043190 FRAME: 0225

ASSIGNMENT

WHEREAS, Eberhard- Karls- Universität Tübingen Medizinische Fakultät an entity

organized and existing under and by virtue of the laws of Germany, and having an office and

place of business at Geschwister-Scholl-Platz, Tübingen, D-72074, Germany (hereinafter

"Assignor"), is the owner of assets identified in Appendix A (hereinafter collectively "Patent

Properties"), including all inventions and other subject matter described in the Patent

Properties;

AND WHEREAS, University of lowa Research Foundation, an entity organized and

existing under and by virtue of the laws of lowa, United States of America, and having an office

and place of business at 112 N Capitol Street, 6 Gilmore Hall, Iowa City, IA 52242-5500, United

States of America (hereinafter "Assignee"), is desirous of acquiring the entire right, title and

interest in and to said Patent Properties, including all inventions and other subject matter

described therein, and any patent to be obtained in relation therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable

consideration, the receipt and sufficiency whereof is hereby acknowledged, the Assignor

hereby:

ASSIGNS, CONVEYS AND TRANSFERS to the Assignee the Assignor's entire right, title, and

interest for the United States and all foreign countries and jurisdictions in and to:

said Patent Properties, including all original and reissued patents which have been or shall

be issued in the United States and all foreign countries and jurisdictions based in whole or in part

on any of said Patent Properties;

all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and

all other applications for a patent or patents which have been or shall be filed in the United States

(including all provisional and non-provisional applications), and in all foreign countries and

jurisdictions, based in whole or in part on any of said Patent Properties (including any application

for a utility model or an innovation patent application);

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the right to claim priority to said Patent Properties in relation to subject matter based in whole or in part on said Patent Properties and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and the right to all causes of action, remedies, and other enforcement rights related to said Patent Properties, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to said Patent Properties and any of the foregoing, including the right to obtain and collect damages and/or royalties due for past, present, or future infringement;

AUTHORIZES AND REQUESTS the issuing authority to issue any and all United States and foreign patents granted on said Patent Properties to the Assignee;

AUTHORIZES AND REQUESTS that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or after any information related to said Patent Properties or any of the foregoing, after execution of this Assignment;

WARRANTS AND COVENANTS that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Assignor, and that the full right to convey the same as herein expressed is possessed by the Assignor;

COVENANTS, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Assignor shall (1) secure cooperation from all present and former employees and/or inventors contributing or having contributed to the Patent Properties; (2) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Patent Properties; (3) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Patent Properties; (4) communicate to the Assignee all facts known to the Assigner relating to the Patent Properties and the history thereof; (5) cooperate with the Assignee in any interference, reexamination, review proceeding, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Patent Properties; and (6) take such further actions as the Assignee shall reasonably consider necessary or

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desirable for vesting title to said Patent Properties in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Patent Properties; and

COVENANTS, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Assignor, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the assigns, representatives, and successors of the Assignor, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED to by Assignor as of the Date of the Signature Below:

Assignor: Eberhard- Karls- Universität Tübingen Medizinische Fakultät

Signature:
Printed Name:

Date: 2000/7
ACCEPTED by Assignee as of the Date of the Signature Below:

Assignee: University of Jowa Research Foundation

Signature: Printed Name: Paula Delayandis

Title: ASSOCIATO DELAYANDICATO

Date: 7-20-2017

ASSIGNMENT Actorney Docker No., 878, 854051 Client Fref. No. URIT 15001. Page 4 of a

Appendix A

Patent/	Application	Title	Filing date	Issue/Grant
Publication No.	Number			Date
	14/983,021	RNA BASED BIOMATERIAL FOR TISSUE ENGINEERING APPLICATIONS	12/29/2015	

PATENT REEL: 043190 FRAME: 0229

RECORDED: 08/03/2017