

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5493786

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	EPISONA, INC.	02/18/2019
RECEIVING PARTY DATA		
Name:	UNIVERSITY OF UTAH RESEARCH FOUNDATION	
Street Address:	615 ARAPEEN DRIVE	
Internal Address:	SUITE #310	
City:	SALT LAKE CITY	
State/Country:	UTAH	
Postal Code:	84108	
PROPERTY NUMBERS Total: 2		
	Property Type	Number
	Application Number:	62201907
	Application Number:	15750715
CORRESPONDENCE DATA		
Fax Number:	(312)222-0818	
<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>		
Phone:	(312) 222-0800	
Email:	chiipdocket@michaelbest.com	
Correspondent Name:	MICHAEL R. LANGER	
Address Line 1:	444 W. LAKE STREET	
Address Line 2:	SUITE 3200	
Address Line 4:	CHICAGO, ILLINOIS 60606	
ATTORNEY DOCKET NUMBER:	026389-9245-US02	
NAME OF SUBMITTER:	MICHAEL R. LANGER	
SIGNATURE:	/Michael R. Langer/	
DATE SIGNED:	04/25/2019	
Total Attachments: 4		
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source=U-5893-026389-9245-US02-ASSIGNMENT-EPISONA-TO-UURF-04-25-19#page3.tif		

ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS

WHEREAS, **EPISONA, INC.**, having a place of business at 69 N. Catalina Avenue, Pasadena, California 91106, United States of America ("**ASSIGNOR**") owns the right, title and interest assigned to ASSIGNOR by inventors Alan Horsager and Philip James Uren in and to the patents and patent applications listed on Schedule A attached hereto and made a part hereof and to the inventions described and claimed in the aforesaid patents and patent applications; and

WHEREAS, the **UNIVERSITY OF UTAH RESEARCH FOUNDATION**, having a place of business at 615 Arapahoe Drive, Suite #310, Salt Lake City, Utah 84108, United States of America ("**ASSIGNEE**"), desires to acquire all of ASSIGNOR's right, title, and interest to the patents and patent applications listed on Schedule A and to the inventions described and claimed in the aforesaid patents and patent applications.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to further said ASSIGNOR's efforts to wind up its business, ASSIGNOR has sold, transferred, and assigned and by these presents does hereby sell, transfer, and assign to ASSIGNEE, their successors, assigns and legal representatives, all of the right, title, and interest in and to said patents and patent applications listed on Schedule A attached hereto, including without limitation, the worldwide rights to the inventions described and claimed therein, any reissues, reexaminations, divisions, continuations, renewals, extensions and continuations-in-part therefor throughout the world, together with all rights under the International Convention for the Protection of Industrial Property and any similar treaties or agreements, the same to be held and enjoyed by ASSIGNEE for their own use and benefit and the use and benefit of their successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR, had this Assignment not been made, together with all income, royalties, damages or payments resulting from or attributable to activity or conduct after the effective date of this Assignment, and the right to sue and collect for all future, present and past infringements thereof, including infringements which may have occurred prior to the execution of this Assignment.

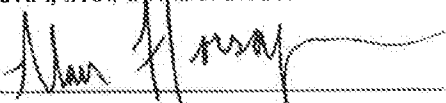
ASSIGNOR agrees: (a) to execute (i) all necessary papers throughout the world to be used in connection with the patents and patent applications listed on attached Schedule A as ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference, legal or other proceedings throughout the world to maintain, protect or enforce, or otherwise relating to, the patents and patent applications listed on attached Schedule A, and (iii) all papers and documents which may be necessary throughout the world in connection with the preparation and filing of any foreign applications for the patents and patent

applications listed on attached Schedule A; (b) to cooperate with ASSIGNEE at ASSIGNEE's expense in every way reasonably possible in obtaining evidence and going forward in any such proceedings throughout the world; and (c) at ASSIGNEE's expense to perform all other affirmative acts which in ASSIGNEE's reasonable discretion may be necessary or desirable throughout the world to maintain, protect or enforce the patents and patent applications listed on attached Schedule A. These obligations of assistance by ASSIGNOR shall continue for so long as ASSIGNEE may require such assistance from ASSIGNOR.

This assignment may be executed in counterparts.

Agreed to by:

EPISONA, INC., as ASSIGNOR

By: 

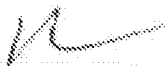
Date: 18-Feb-2019

Name: Alan Horsager, Ph.D.

Title: President & CEO

Agreed to by:

The UNIVERSITY OF UTAH RESEARCH FOUNDATION, as ASSIGNEE

By: 

Date: 2/11/19

Name: Eric S. Paulsen

Title: Director, Contracts

SCHEDULE A

Application No.	Patent No.	Filing Date	Issue/Grant Date	Inventor(s)	Title
US 62/201 907	-	August 6, 2015	-	Douglas T. Carrell, Bradley Cairns, Kenneth I. Aston, Timothy Jenkins, Andrew David Smith, and Philip James Uren	METHODS OF IDENTIFYING MALE FERTILITY STATUS AND EMBRYO QUALITY
PCT/US2016/046060	-	August 8, 2016	-	Douglas T. Carrell, Bradley Cairns, Kenneth I. Aston, Timothy Jenkins, Andrew David Smith, Philip James Uren, and Alan Horsager	METHODS OF IDENTIFYING MALE FERTILITY STATUS AND EMBRYO QUALITY
US 15/750,715	-	February 6, 2018	-	Douglas T. Carrell, Bradley Cairns, Kenneth I. Aston, Timothy Jenkins, Andrew David Smith, Philip James Uren, and Alan Horsager	METHODS OF IDENTIFYING MALE FERTILITY STATUS AND EMBRYO QUALITY
AU 2016301189	-	August 6, 2016	-	Douglas T. Carrell, Bradley Cairns, Kenneth I. Aston, Timothy Jenkins, Andrew David Smith, Philip James Uren, and Alan Horsager	METHODS OF IDENTIFYING MALE FERTILITY STATUS AND EMBRYO QUALITY
CA 2994968	-	August 8, 2016	-	Douglas T. Carrell, Bradley Cairns, Kenneth I. Aston, Timothy Jenkins, Andrew David Smith, Philip James Uren,	METHODS OF IDENTIFYING MALE FERTILITY STATUS AND EMBRYO QUALITY

				and Alan Horsager	
CN 201880057798.1		August 8, 2016		Douglas T. Carrell, Bradley Cairns, Kenneth I. Aston, Timothy Jenkins, Andrew David Smith, Philip James Uren, and Alan Horsager	METHODS OF IDENTIFYING MALE FERTILITY STATUS AND EMBRYO QUALITY
EP 15834003.2		August 8, 2016		Douglas T. Carrell, Bradley Cairns, Kenneth I. Aston, Timothy Jenkins, Andrew David Smith, Philip James Uren, and Alan Horsager	METHODS OF IDENTIFYING MALE FERTILITY STATUS AND EMBRYO QUALITY