505150505 10/19/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5197272

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONATHAN HECKERMAN	09/04/2017

RECEIVING PARTY DATA

Name:	HUMAN LONGEVITY, INC.	
Street Address:	4570 EXECUTIVE DRIVE	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29613089

CORRESPONDENCE DATA

Fax Number: (202)756-8087

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.

Phone: 650.815.7408

Email: IPDocketSiliconValley@mwe.com, IPDocketMWE@mwe.com,

pbalero@mwe.com

Correspondent Name: JASON J. NOVAK

Address Line 1: 500 NORTH CAPITAL STREET NW

Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	095515-0050	
AME OF SUBMITTER: JASON J. NOVAK - REG. NO. 65,774		
SIGNATURE:	/Jason J. Novak/	
DATE SIGNED: 10/19/2018		

Total Attachments: 2

source=095515-0050_ExecutedAssignment#page1.tif source=095515-0050 ExecutedAssignment#page2.tif

PATENT 505150505 REEL: 047236 FRAME: 0625

WHEREAS, the undersigned:

Jonathan HECKERMAN
 4570 Executive Drive
 San Diego, California 92121
 UNITED STATES

(hereinafter "Inventor(s))," have invented certain new and useful improvements in

COMPUTER DISPLAY PANEL WITH AN INTERFACE FOR DISPLAYING PREDICTED TRAITS OF PROSPECTIVE CHILDREN BASED ON PARENTAL GENOMIC INFORMATION

for which application serial number 29/613,089 was filed on August 7, 2017 in the United States Patent and Trademark Office;

(hereinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, **Human Longevity, Inc.**, a corporation of the State of Delaware, having a place of business at 4570 Executive Drive, San Diego, California 92121, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s), and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

- 1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and (g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).
- 2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.
- 4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.
- 6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

9356576_1.DOC Page 1 of 2

PATENT REEL: 047236 FRAME: 0626

DocuSign Envelope ID: 16	PATENT ASSIGNMENT	Docket Number: 49523-706.997
IN WITNE below:	SS WHEREOF, said Inventor(s) have executed and	delivered this instrument to said Assignee as of the dates written
Date: 9/4/17	Jonathan Heckerman Jonathan HECKERMAN	
RECEIVED AND AG	GREED TO BY ASSIGNEE: Human Longevity, I	nc.
Date: 12/5/2017	Ruben Gutierrez Name: Ruben Gutierrez	
	Title Deputy General Counsel	

9356576_1.DOC Page 2 of 2

RECORDED: 10/19/2018

PATENT REEL: 047236 FRAME: 0627