

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM424337

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
HealthSpan Research LLC		04/19/2017	Limited Liability Company: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Western Alliance Bank		
<b>Street Address:</b>	55 Almaden Boulevard, Suite 100		
<b>Internal Address:</b>	Attn: Mike Field		
<b>City:</b>	SAN JOSE		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	95113		
<b>Entity Type:</b>	Corporation: ARIZONA		
<b>PROPERTY NUMBERS Total: 1</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	87036537	AGE BETTER	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	8586385130		
<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>			
<b>Phone:</b>	858-677-1400		
<b>Email:</b>	susan.reynholds@dlapiper.com		
<b>Correspondent Name:</b>	DLA Piper LLP (US)		
<b>Address Line 1:</b>	4365 Executive Drive, Suite 1100		
<b>Address Line 4:</b>	San Diego, CALIFORNIA 92121		
<b>NAME OF SUBMITTER:</b>	Matt Schwartz		
<b>SIGNATURE:</b>	/s/ Matt Schwartz		
<b>DATE SIGNED:</b>	04/19/2017		
<b>Total Attachments: 5</b>			
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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of April 19, 2017 (the "Agreement"), between WESTERN ALLIANCE BANK, an Arizona corporation ("Lender"), and HEALTHSPAN RESEARCH LLC, a Delaware limited liability company ("Grantor"), is made with reference to the Business Financing Agreement, dated as of November 4, 2016 (as amended from time to time, including, without limitation, by that certain Third Modification to Business Financing Agreement dated of even date herewith, the "Financing Agreement"), among Lender, Grantor, CHROMADEX, INC., CHROMADEX ANALYTICS, INC. and CHROMADEX CORPORATION. Terms not otherwise defined herein are defined as set forth in the Financing Agreement.

For good and valuable consideration, receipt of which is hereby acknowledged, Grantor hereby covenants and agrees as follows:

To secure the Obligations under the Financing Agreement, Grantor grants to Lender a security interest in all right, title, and interest of Grantor in any of the following, whether now existing or hereafter acquired or created in any and all of the following property (collectively, the "Intellectual Property Collateral"):

(a) copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held (collectively, the "Copyrights"), including the Copyrights described in Exhibit A;

(b) trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Borrower connected with and symbolized by such trademarks (collectively, the "Trademarks"), including the Trademarks described in Exhibit B;

(c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the "Patents"), including the Patents described in Exhibit C;

(d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the "Mask Works");

(e) trade secrets, and any and all intellectual property rights in computer software and computer software products;

(f) design rights;

(g) claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

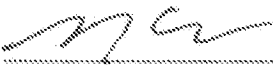
(j) proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

The rights and remedies of Lender with respect to the security interests granted hereunder are in addition to those set forth in the Financing Agreement, and those which are now or hereafter available to Lender as a matter of law or equity. Each right, power and remedy of Lender provided for herein or in the Financing Agreement, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein, and the exercise by Lender of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Lender of any other rights, powers or remedies.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

**GRANTOR:**

HEALTHSPAN RESEARCH LLC

By:   
Name: THOMAS C. VARVARO  
Title: (FO)

Address for Notices:

Attn: Tom Varvaro, Chief Financial Officer  
10005 Muirlands Boulevard, Suite G  
Irvine, CA 92618  
Fax: (949) 356-1801

**LENDER:**

WESTERN ALLIANCE BANK, an Arizona Corporation

By:   
Name: JUSTIN VOGEL  
Title: VICE PRESIDENT

Address for Notices:

Attn: Justin Vogel  
85 Almaden Blvd. Ste. 100  
San Jose, CA 95113  
Tel: (408) 423-8500  
Fax: (408)-689-8542

[Signature Page to Intellectual Property Security Agreement]

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Exhibit A  
COPYRIGHTS

Please Check if No Copyrights Exist

<u>Type of Work:</u>	<u>Title:</u>	<u>International Standard Serial Number (ISSN):</u>	<u>Registration Number:</u>	<u>Filing Date:</u>	<u>Preregistered?</u>

EXHIBIT B  
TRADEMARKS

<u>Mark / Title:</u>	<u>U.S. Serial Number:</u>	<u>U.S. Registration Number:</u>	<u>USPTO Reference Number:</u>	<u>Filing Date:</u>
AGE BETTER	87036537	N/A		5/13/2016

EXHIBIT C  
PATENTS

Please Check if No Patents Exist

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>