

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM445976

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
LINEAGEN, INC.		09/22/2017	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	SILICON VALLEY BANK		
Street Address:	3003 TASMAN DRIVE		
City:	SANTA CLARA		
State/Country:	CALIFORNIA		
Postal Code:	95054		
Entity Type:	Corporation: CALIFORNIA		
PROPERTY NUMBERS Total: 1			
Property Type	Number	Word Mark	
Serial Number:	87206673	PRISMDX	
CORRESPONDENCE DATA			
Fax Number:	4048853900		
<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:	4048853868		
Email:	rusty.close@troutmansanders.com		
Correspondent Name:	CHRISTOPHER CLOSE		
Address Line 1:	TROUTMAN SANDERS LLP		
Address Line 2:	600 PEACHTREE STREET NE, SUITE 5200		
Address Line 4:	ATLANTA, GEORGIA 30308-2216		
ATTORNEY DOCKET NUMBER:	220763.001558		
NAME OF SUBMITTER:	Christopher Close		
SIGNATURE:	/CHRISTOPHER CLOSE/		
DATE SIGNED:	10/04/2017		
Total Attachments: 6			
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ADDENDUM TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS ADDENDUM TO INTELLECTUAL PROPERTY SECURITY AGREEMENT (this "Addendum") is executed pursuant to, and is an addendum to, that certain Intellectual Property Security Agreement dated as of February 28, 2014, as the same may be amended, modified, supplement or restated from time to time, by and between LINEAGEN, INC., a Delaware corporation ("Assignor"), and SILICON VALLEY BANK, a California corporation ("Assignee"). This Addendum is presented for recordation as constructive notice that Assignor, with its principal office at 2677 E Parleys Way, Salt Lake City, Utah 84109, the owner of the intellectual property identified in the exhibits attached hereto, has granted to Assignee, with its principal office at 3003 Tasman Drive, Santa Clara, California 95054, a security interest in the intellectual property, and the exclusive rights comprised in the intellectual property, to secure payment of a debt.

IN WITNESS WHEREOF, Assignor has executed this Addendum as of September 22 2017.

LINEAGEN, INC.

By: 

Name: Francis H. Ota

Title: Chief Financial Officer

EXHIBIT A

Copyrights

Description	Registration Number	Application Number	Notes on Ownership
None Identified			

EXHIBIT B

Patents

Description	Application Number	Registration Number	Notes on Ownership
Autism Associated Genetic Markers	12/617,636 (11/12/2009)		Security Interest SILICON VALLEY BANK <u>Reel/Frame:</u> 032390/0837 <u>Recorded:</u> 03/10/2014
Genetic Markers Associated with ASD and Other Childhood Developmental Delay Disorders	14/433,572 (04/03/2015)		
Methods for Identification and Prediction of Multiple Sclerosis and Therapy Response	12/563,995 (09/21/2009)		Security Interest SILICON VALLEY BANK <u>Reel/Frame:</u> 032390/0837 <u>Recorded:</u> 03/10/2014
COPD Biomarker Signatures	12/921,997 (03/11/2011)		Security Interest SILICON VALLEY BANK <u>Reel/Frame:</u> 032390/0837 <u>Recorded:</u> 03/10/2014
Diagnosis and Prediction of Autism Spectral Disorder	15/104,897 (06/22/2017)		

Description	Application Number	Registration Number	Notes on Ownership
Autism Associated Genetic Markers	15/211,845 (07/15/2016)		
Genetic Markers Associated with ASK and Other Childhood Developmental Delay Disorders	15/302,696 (04/09/2015)		
Genetic Markers Associated with Chromosomal Deletion and Duplication Syndromes	PCT US2015025201 (04/09/2015)		
Methods and Compositions for the Diagnosis of Multiple Sclerosis	14/441,081 (11/06/2013)		
Diagnosis and Prediction of Autism Spectral Disorder	PCT US2014071984 (12/22/2014)		
Autism Associated Genetic Markers	14/537,828 (11/10/2014)		
Methods and Compositions for the Diagnosis of Multiple Sclerosis	PCT US2013068765 (11/06/2013)		
Genetic Markers Associated with ASD and Other Childhood Developmental Delay Disorders	PCT US2013063532 (10/04/2013)		

EXHIBIT C

Trademarks

Description	Serial Number	Registration Number	Notes on Ownership
PRISMDX	87/206,673 (10/18/2016)		

EXHIBIT D

Mask Works

Description	Application	Registration	Notes on Ownership
None Identified			