

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM496043

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
DNANEXUS, INC.		10/30/2018	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	INNOVATUS LIFE SCIENCES LENDING FUND I, LP		
Street Address:	777 Third Avenue		
Internal Address:	25th Floor		
City:	New York		
State/Country:	NEW YORK		
Postal Code:	10017		
Entity Type:	Limited Partnership: DELAWARE		
PROPERTY NUMBERS Total: 2			
Property Type	Number	Word Mark	
Registration Number:	4366728	DNANEXUS	
Registration Number:	4366729	DNANEXUS	
CORRESPONDENCE DATA			
Fax Number:	6785532602		
<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:	(678) 553-2601		
Email:	jimmarl@gtlaw.com		
Correspondent Name:	LaShana C. Jimmar, Paralegal		
Address Line 1:	GREENBERG TRAURIG, LLP		
Address Line 2:	3333 PIEDMONT ROAD, NE, SUITE 2500		
Address Line 4:	ATLANTA, GEORGIA 30305		
ATTORNEY DOCKET NUMBER:	176634.010200		
NAME OF SUBMITTER:	LaShana C. Jimmar		
SIGNATURE:	/LaShana C. Jimmar/		
DATE SIGNED:	10/30/2018		
Total Attachments: 6			
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of the Effective Date by and between INNOVATUS LIFE SCIENCES LENDING FUND I, LP, as collateral agent for the Lenders (the "Lenders") described in the Loan Agreement (in such capacity, the "Collateral Agent") and DNANEXUS, INC., a Delaware corporation ("Grantor").

RECITALS

A. Lenders have agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Collateral Agent, the Lenders and Grantor dated the Effective Date (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). The Lenders are willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Collateral Agent, for the benefit of the Lenders, a security interest in certain Copyrights, Trademarks, Patents, and Mask Works to secure the obligations of Grantor under the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Collateral Agent, for the benefit of the Lenders, a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement, Grantor grants and pledges to Collateral Agent, for the benefit of the Lenders, a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property Collateral (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto, but excluding any Excluded Property), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Collateral Agent, for the benefit of the Lenders, under the Loan Agreement. The rights and remedies of Collateral Agent with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Collateral Agent, for the benefit of the Lenders, as a matter of law or equity. Each right, power and remedy of Collateral Agent provided for herein or in the Loan Agreement or any of the Loan Documents, 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 Collateral Agent of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Lender, of any or all other rights, powers or remedies.

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IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

DNANEXUS, INC.

1975 W El Camino Real, Suite 204
Mountain View, CA 94040

By:  _____

Attn: Richard T. Daly

Title: Chief Executive Officer

COLLATERAL AGENT:

Address of Lender:

INNOVATUS LIFE SCIENCES LENDING FUND
I, LP

By: Innovatus Life Sciences GP, LP
Its: General Partner

777 Third Avenue, 25th Floor
New York, NY 10017

By: _____

Title: _____

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GRANTOR:

Address of Grantor:

DNANEXUS, INC.

1975 W El Camino Real, Suite 204
Mountain View, CA 94040

By: _____

Attn: Richard T. Daly

Title: _____

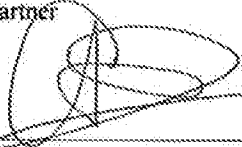
COLLATERAL AGENT:

Address of Lender:

INNOVATUS LIFE SCIENCES LENDING FUND
I, LP

By: Innovatus Life Sciences GP, LP
Its: General Partner

777 Third Avenue, 25th Floor
New York, NY 10017

By:  _____

Title: Authorized Signatory

EXHIBIT A

Copyrights

Description

Registration Number

Registration Date

None.

EXHIBIT B

Patents

<u>Description</u>	<u>Patent/App. No.</u>	<u>File Date</u>
Biological Data Systems	15/386,729	December 21, 2016
Worker Reuse Deadline	15/401,919	January 9, 2017

EXHIBIT C

Trademarks

<u>Description</u>	<u>Serial/Registration No.</u>	<u>File Date</u>
DNANEXUS Trademark	4366728	July 16, 2013
DNANEXUS LOGO	4366729	July 16, 2013