

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4877636

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NANTHEALTH, INC.	01/24/2018
RECEIVING PARTY DATA	
Name:	NANT HOLDINGS IP, LLC
Street Address:	9922 JEFFERSON BOULEVARD
City:	CULVER CITY
State/Country:	CALIFORNIA
Postal Code:	90232
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14844974
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ATTORNEY DOCKET NUMBER:	10077-2005100
NAME OF SUBMITTER:	ELAINE LEE
SIGNATURE:	/Elaine Lee/
DATE SIGNED:	03/21/2018
Total Attachments: 3	
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CONFIRMATORY PATENT ASSIGNMENT

WHEREAS, NantHealth, Inc., a Delaware company with a mailing address at 9920 Jefferson Boulevard, Culver City, California 90232 (hereinafter "ASSIGNOR"), is the owner of right title and interest in and to the Patents and Patent Applications shown on Schedule A, attached hereto (Collectively referred to as "Patent Rights").

WHEREAS, Nant Holdings IP, LLC, a Delaware company with a mailing address at 9922 Jefferson Boulevard, Culver City, California 90232 (hereinafter "ASSIGNEE") desires to secure and confirm the assignment from ASSIGNOR of ASSIGNOR's entire, right, title and interest in, to and under the said Patent Rights;

NOW THEREFORE, for good and valuable consideration, the receipt whereof is acknowledged, ASSIGNOR hereby sells, assigns, transfers, conveys and delivers unto said ASSIGNEE all of its right, title and interest in and to the Patent Rights along with all of its rights to forms of industrial property protection, including, without limitation, patents, utility models, inventor certificates and designs which may be granted or which have been granted for the invention embodied in the Patent Rights, and all divisions, renewals, continuations, and continuations-in-part thereof, in the United States and in any country or countries foreign to the United States and all extensions, renewals and reissues thereafter; the same to be held and enjoyed by the said ASSIGNEE for its own use and behalf, and for its legal representatives and assigns, to the full end of the term for which said Patent Rights are granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment not been made, together with all income, royalties, damages, and payments hereafter due or payable to ASSIGNOR with respect to the Patent Rights, including without limitation unpaid damages and payment for past, present, and future infringements of Patent Rights, and all rights to sue and recover damages and payments for past, present, and future infringements of the Patent Rights, including the right to fully and entirely replace ASSIGNOR in all matters related thereto. For avoidance of doubt, this assignment includes assignment of the right to claim priority to all applications listed on Schedule A, attached hereto.

In furtherance of this instrument, ASSIGNOR hereby acknowledges that, from the effective date of September 3, 2015 and from that date forward, ASSIGNEE has succeeded to all right, title, interest and standing of ASSIGNOR to: (a) receive all rights and benefits pertaining to the Patent Rights; (b) institute and prosecute all suits and proceedings and take all actions that ASSIGNEE, in its sole discretion, may deem necessary or proper to collect, assert, or enforce any claim, right, or title of any kind in and to any and all the Patent Rights; and (c) defend and settle any and all such actions, suits, or proceedings relating to such Patent Rights and do all other such acts and things in relation thereto as ASSIGNEE, in its sole discretion, deem advisable. ASSIGNEE hereby acknowledges and confirms receipt and acceptance of all rights conveyed by this assignment.

SIGNATURE OF ASSIGNOR

The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNOR and executes this PATENT ASSIGNMENT on behalf of ASSIGNOR.

By: 

Name: Patrick Soon-Shiong

Title: Chief Executive Officer

Date: 1/24/18

SIGNATURE OF ASSIGNEE

The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE and executes this PATENT ASSIGNMENT on behalf of ASSIGNEE.

By: 

Name: C. Kenworthy

Title: Executive Vice President

Date: 1-31-18

SCHEDULE A

Title	Jurisdiction	Application Number/ Patent Number (if applicable)	Filing Date
SECURITY USING SYNTHETIC GENOMIC VARIANTS, DEVICES, SYSTEMS AND METHODS	US	62/137,129	March 23, 2015
SYNTHETIC GENOMIC VARIANT-BASED SECURE TRANSACTION DEVICES, SYSTEMS AND METHODS	US	14/844,974	September 3, 2015
SYNTHETIC GENOMIC VARIANT-BASED SECURE TRANSACTION DEVICES, SYSTEMS AND METHODS	WO	PCT/US2015/048386	September 3, 2015
SYNTHETIC GENOMIC VARIANT-BASED SECURE TRANSACTION DEVICES, SYSTEMS AND METHODS	AU	2015311866	September 3, 2015
SYNTHETIC GENOMIC VARIANT-BASED SECURE TRANSACTION DEVICES, SYSTEMS AND METHODS	CA	2958478	September 3, 2015
SYNTHETIC GENOMIC VARIANT-BASED SECURE TRANSACTION DEVICES, SYSTEMS AND METHODS	CN	201580047775.7	September 3, 2015
SYNTHETIC GENOMIC VARIANT-BASED SECURE TRANSACTION DEVICES, SYSTEMS AND METHODS	EP	15838857.9	September 3, 2015
SYNTHETIC GENOMIC VARIANT-BASED SECURE TRANSACTION DEVICES, SYSTEMS AND METHODS	IL	250716	September 3, 2015

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Title	Jurisdiction	Application Number/ Patent Number (if applicable)	Filing Date
SYNTHETIC GENOMIC VARIANT-BASED SECURE TRANSACTION DEVICES, SYSTEMS AND METHODS	JP	2017-512396	September 3, 2015
SYNTHETIC GENOMIC VARIANT-BASED SECURE TRANSACTION DEVICES, SYSTEMS AND METHODS	KR	10-2017-7008865	September 3, 2015