505518204 06/11/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5565009

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEY	ANCE:	ASSIGNMENT				
CONVEYING PARTY	DATA					
		Name	Execution Date			
AYASDI, INC.			05/06/2019			
RECEIVING PARTY	DATA					
Name:	AYASDI	AILLC				
Street Address:	4 MAIN	STREET				
City:	LOS AL	ГО				
State/Country:	CALIFO	RNIA				
Postal Code:	94022	4022				
Property Typ		Number				
Application Number		2703165				
Application Number		3356591				
Application Number		3357543				
Application Number		4481546				
Application Number		4533058				
Application Number		4597156				
Application Number		4639954				
Application Number	: 1	4884511				
Application Number		5795202				
Application Number		5147821				
Application Number		5166207				
Application Number		3648237				
Application Number		5069797				
Application Number		4221141				
Application Number	: 1	6125251				
Application Number	: 1	6113809				
Application Number	: 1	6057635				
Application Number	: 1	4577649				
Application Number	: 1	6012606				
Application Number	: 1	5068507				

Drenewhy Trune		Number	1				
Property Type	4504						
Application Number:		9172					
Application Number:	1526						
Application Number:	1537	6613					
Application Number:	1565	7061					
Application Number:	1565	7074					
Application Number:	1565	5823					
Application Number:	1565	6995					
Application Number:	1564	0166					
Application Number:	1580	6265					
Application Number:	1590	9974					
Application Number:	1600	7793					
Application Number:	1602	2607					
Application Number:	6279	9721	1				
Application Number:	1589	6030					
Application Number:	6272	3929					
Application Number:	6276	8825					
	d; if tl 2026 ipdoc FOLE 3000 SUIT	e-mail address first; if that is uns hat is unsuccessful, it will be ser 725300 keting@foley.com, jsehy@foley.co EY & LARDNER LLP K ST., N.W. E 600 HINGTON, D.C. 20007	nt via US Mail.				
ATTORNEY DOCKET NUMBER	:	118024-0125					
NAME OF SUBMITTER:		JOANNA SEHY					
SIGNATURE:		/Joanna Sehy/					
DATE SIGNED:		06/11/2019					
Total Attachments: 13		1					
		ents Only 118024-0125 4814-1590					
U U		ents Only 118024-0125 4814-1590					
0 0		ents Only 118024-0125 4814-1590					
source=IP Assignment Agreement - Patents Only 118024-0125 4814-1590-0312 v.1#page4.tif source=IP Assignment Agreement - Patents Only 118024-0125 4814-1590-0312 v.1#page5.tif							
o o		-					
source=IP Assignment Agreement - Patents Only 118024-0125 4814-1590-0312 v.1#page6.tif source=IP Assignment Agreement - Patents Only 118024-0125 4814-1590-0312 v.1#page7.tif							
0 0		ents Only 118024-0125 4814-1590 ents Only 118024-0125 4814-1590					
0 0		ents Only 118024-0125 4814-1590					
	. i ui	Sind Sing 1100E 10120 -01-11000	,				

source=IP Assignment Agreement - Patents Only 118024-0125 4814-1590-0312 v.1#page10.tif source=IP Assignment Agreement - Patents Only 118024-0125 4814-1590-0312 v.1#page11.tif source=IP Assignment Agreement - Patents Only 118024-0125 4814-1590-0312 v.1#page12.tif source=IP Assignment Agreement - Patents Only 118024-0125 4814-1590-0312 v.1#page13.tif

INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

THIS INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT (this "<u>IP</u> <u>Assignment</u>"), dated as of May 6, 2019, is made by Ayasdi, Inc., a Delaware corporation, located at 4400 Bohannon Drive, Suite 200, Menlo Park, California 94025 ("<u>Assignor</u>"), in favor of Ayasdi AI LLC, a Delaware limited liability company, located at 4 Main Street, Los Alto, CA 94022 ("<u>Assignee</u>"), the purchaser of substantially all of the assets of Assignor pursuant to that certain Asset Purchase Agreement, of even date herewith, among Assignor and Assignee (the "<u>Purchase Agreement</u>").

WHEREAS, under the terms of the Purchase Agreement, Assignor has sold, assigned, transferred, conveyed and delivered to Assignee substantially all of its assets, including without limitation certain intellectual property of Assignor, and has agreed to simultaneously execute and deliver this IP Assignment.

NOW THEREFORE, Assignor agrees as follows:

1. <u>Assignment</u>. Pursuant to the Purchase Agreement, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby irrevocably sells, assigns, transfers, conveys and delivers to Assignee and its successors and assigns all of Assignor's right, title, and interest in, to and under the following (the "<u>Assigned IP</u>"):

(a) the trademarks set forth on <u>Schedule 1</u> hereto and all registrations and renewals thereof (the "<u>Trademarks</u>"), together with the goodwill of the business connected with the use of, and symbolized by, the Trademarks, including all common law rights;

(b) the domain names set forth on <u>Schedule 2</u> hereto, including the current registrations thereof (the "<u>Domain Names</u>");

(c) the social media identifiers set forth on <u>Schedule 3</u> hereto (the "<u>Identifiers</u>"), including any goodwill that may be associated with the Identifiers;

(d) the patents and patent applications set forth on <u>Schedule 4</u> hereto (the "<u>Patents</u> <u>and Patent Applications</u>") and all intellectual and industrial property rights thereto throughout the world, including all rights of priority; as well as in and to:

(i) the patent applications and all other applications for Letters Patent relating to the Patents and Patent Applications, all Letters Patent which may issue from said applications, all divisions, continuations, reissues, renewals, and extensions of said applications and Letters Patent, and the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement, such rights to be held and enjoyed by Assignee, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by Assignor had assignment not been made. For the avoidance of doubt, to the extent, if any, that Assignor has not previously assigned all of Assignor's rights to Assignee, Assignor hereby assigns all of Assignor's rights to the Patents and Patent Applications including all intellectual and industrial property rights thereto throughout the world, including all rights of priority, unto assignee;

(ii) Assignor hereby authorizes Assignee to file patent applications in any or all countries for inventions relating to the patent applications set forth in Schedule 3 in the name of Assignee or otherwise as Assignee may deem advisable; and

 (iii) Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks, and the corresponding officials throughout the world, to issue said Letters Patent
 1 = 1 4833-9488-4501.3 4833-9488-4501.3

4833-9488-4501

PATENT REEL: 049428 FRAME: 0490

to Assignee as assignee of the entire interest, for the sole use and benefit of Assignee, its successors and assigns;

(e) all rights of any kind whatsoever of Assignor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions, and otherwise throughout the world;

(f) any and all royalties, fees, license fees, income, payments, and other proceeds hereafter due or payable with respect to any and all of the foregoing; and

(g) any and all claims and causes of action, with respect to any of the foregoing, whether accruing before, on, or after the date hereof, including all rights to and claims for damages, restitution, and injunctive and other legal and equitable relief for past, present, and future infringement, dilution, misappropriation, violation, misuse, breach, or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

2. <u>Recordation and Further Actions</u>. Assignor hereby authorizes the Commissioner for Trademarks in the United States Patent and Trademark Office to record and register this IP Assignment upon request by Assignee. Following the date hereof, upon Assignee's reasonable request, Assignor shall take such steps and actions, and provide such cooperation and assistance to Assignee and its successors, assigns, and legal representatives, including the execution and delivery of any affidavits, declarations, oaths, exhibits, assignments, powers of attorney, or other documents, as may be necessary to effect, evidence, or perfect the assignment of the Assigned IP to Assignee, or any assignee or successor thereto.

3. <u>Transfer of Domain Names</u>. Assignor shall execute all documents, papers, forms, and authorizations, and take such other actions as are necessary to effectuate the transfer of ownership and control of the Domain Names to Assignee, and cause the Domain Names to be registered in the name of Assignee with the domain name registry designated by Assignee, including, where applicable, Assignor's unlocking the Domain Names and obtaining from each registrar (and promptly sharing with Assignee) all necessary transfer authorization codes.

4. <u>Transfer of Social Media Identifiers and Accounts</u>. Assignor shall promptly assist Assignee in transferring the Identifiers and transferring control of the user accounts associated with the Identifiers (the "<u>Accounts</u>") to Assignee, and shall promptly make all necessary arrangements with the entity with which each Account is registered to transfer to Assignee the exclusive control of the Accounts, including, where applicable, providing Assignee with all information (including login and password) to access and take full ownership and control of the Accounts.

5. <u>Terms of the Purchase Agreement</u>. The parties hereto acknowledge and agree that this IP Assignment is entered into pursuant to the Purchase Agreement, to which reference is made for a further statement of the rights and obligations of Assignor and Assignee with respect to the Assigned IP. The representations, warranties, covenants, agreements, and indemnities contained in the Purchase Agreement shall not be superseded hereby but shall remain in full force and effect to the full extent provided therein. In the event of any conflict or inconsistency between the terms of the Purchase Agreement and the terms hereof, the terms of the Purchase Agreement shall govern.

6. <u>Counterparts</u>. This IP Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same agreement. A signed copy of this IP Assignment delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this IP Assignment.

PATENT REEL: 049428 FRAME: 0491

7. <u>Successors and Assigns</u>. This IP Assignment shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns.

8. <u>Governing Law</u>. This IP Assignment and any claim, controversy, dispute, or cause of action (whether in contract, tort, or otherwise) based upon, arising out of, or relating to this IP Assignment and the transactions contemplated hereby shall be governed by, and construed in accordance with, the laws of the United States and the State of Delaware, without giving effect to any choice or conflict of law provision or rule (whether of the State of Delaware or any other jurisdiction).

[Signature page follows]

IN WITNESS WHEREOF, Assignee has duly accepted this IP Assignment from Assignor as of the date first written above.

AYASDI AI LLC By ____ Name: Pradyut Shah

Title: Vice President

Address for Notices:

4 Main Street Los Alto, CA 94022

ACKNOWLEDGMENT

STATE OF <u>California</u> COUNTY OF <u>Santa Clara</u>)

ay of May 2019, before me personally appeared , personally known to me (or proved to me on the basis of On the satisfactory evidence) to be the person whose name is subscribed to the foregoing instrument, who, being duly sworn, did depose and say that he/she executed the same in his/her authorized capacity as the ______ of Ayasdi AI LLC, the limited liability company described, and acknowledged the instrument to be the free act and deed of Ayasdi AI LLC for the uses and purposes mentioned in the instrument.

) SS.

My Commission Expires:

Notary Public Printed Name:

[Signature Page to Intellectual Property Assignment]

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Santa Clara)
On <u>5-1-2019</u> before me,	KB Simon Notary Rublic
Date '	Here Insert Name and Title of the Officer
personally appeared Yradyu	t Shah
**************************************	Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Signature of Notary Public

Place Notary Seal Above

marching and other also as marchine with

- OPTIONAL -----

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Title or Type of Document:	Document Date:
Number of Pages: Signer(s) Other 1	Than Named Above:
Capacity(ies) Claimed by Signer(s)	
Signer's Name:	Signer's Name:
Corporate Officer — Title(s):	Corporate Officer - Title(s):
Partner — Limited General	Partner - Limited General
Individual Attorney in Fact	Individual Attorney in Fact
C Trustee C Guardian or Conservator	C Trustee Guardian or Conservator
Other:	Other:
Signer Is Representing:	Signer is Representing:

©2014 National Notary Association • www.NationalNotary.org • 1-800-US NOTARY (1-800-876-6827) Item #5907

IN WITNESS WHEREOF, Assignor has duly executed and delivered this IP Assignment as of the date first written above.

	AVASDILANC. By Name: <u>GURSEET SINGH</u> Title: CEO
	Address for Notices:
	4400 Bohannon Drive, Suite 200, Menlo Park, California 94025
ACKNOWLEDGMENT	
an ferra	4.
STATEOF) } SS. /,
COUNTY OF	\sim
	У́, Ę́,
On the day of	, Lefore me personally
appeared	, personelly known to me (or proved to
me on the basis of satisfactory evid	enge) to be the person whose name is
	t, Who, being duly sworn, did depose and
	the his/her authorized capacity as the
docembod and acknowladged the best	imension LLC, the limited liability company rument to be the free act and deed of 3rd
Dynapsion LLC for the uses and porposi	
 Sundratan recentor the user adjust particles 12 	es menuoneuvn the instrument.
My Commission Expires:	
	Notary Public
·····	Printed Name:

(Signature Page to Intellectual Property Assignment)

PATENT REEL: 049428 FRAME: 0495

ACKNOWLEDGMENT	
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.	
State of California County of <u>Sav Martero</u>)	
On <u>Mar 6 2017</u> before me, <u>Filenceseo J Posagaet Noteer Public</u> (insert name and title of the officer)	
personally appeared <u>Currer Surga</u> who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/ are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.	
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.	
WITNESS my hand and official seal.	
Signature (Seal)	

SCHEDULE 4

PATENTS AND PATENT APPLICATIONS

CC	Title	Status	App. No.	Filing Date	Patent No.	Grant Date
						Daic
nts						
US	Systems and Methods for Visualization of Data Analysis	Granted	12/703,165	09-Feb-2010	8,972,899	03- Mar- 2015
US	Systems and Methods for Graphical Layout	Granted	13/356,591	23-Jan-2012	9,098,941	04- Aug- 2015
US	Systems and Methods for Graph Rendering	Granted	13/357,543	24-Jan-2012	8,830,254	09- Sep- 2014
US	Automated Discovery Using Textual Analysis	Granted	14/481,546	09-Sep-2014	9,892,110	13- Feb- 2018
US	Systems and Methods for Metric Data Smoothing	Granted	14/533,058	04-Nov-2014	10,114,823	30- Oct- 2018
US	Consensus Sequence Identification	Granted	14/597,156	14-Jan-2015	10,102,271	16- Oct- 2018
US	Within Information	Granted	14/639,954	05-Mar-2015	10/042,959	07- Aug- 2018
US	Landmark Point Selection	Granted	14/884,511	15-Oct-2015	10,002,180	19- Jun- 2018
US	Adherence Measurement for Carepath Protocol Compliance	Granted	15/795,202	26-Oct-2017	10,152,575	11- Dec- 2018
US	Scalable Topological Summary Construction Using Landmark Point Selection	Granted	15/147,821	05-May-2016	10,216,828	26- Feb. 2019
	nts US US US US US US US US US	nts US Systems and Methods for Visualization of Data Analysis US Systems and Methods for Graphical Layout US Systems and Methods for Graph Rendering US Automated Discovery Using Textual Analysis US Systems and Methods for Metric Data Smoothing US Consensus Sequence Identification US Within Information US Landmark Point Selection US Adherence Measurement for Carepath Protocol Compliance US Scalable Topological Summary Construction Using Landmark Point Selectare	ntsUSSystems and Methods for Visualization of Data AnalysisGrantedUSSystems and Methods for Graphical LayoutGrantedUSSystems and Methods for Graph RenderingGrantedUSSystems and Methods for Graph RenderingGrantedUSSystems and Methods for Graph RenderingGrantedUSSystems and Methods for Metric Data SmoothingGrantedUSSystems and Methods for Metric Data SmoothingGrantedUSConsensus Sequence IdentificationGrantedUSLandmark Point SelectionGrantedUSAdherence Measurement for Carepath Protocol ComplianceGrantedUSScalable Topological Summary Construction Using Landmark PointGranted	IntsUSSystems and Methods for Visualization of Data AnalysisGranted12/703,165USSystems and Methods for Graphical LayoutGranted13/356,591USSystems and Methods for Graphical LayoutGranted13/357,543USSystems and Methods for Graph RenderingGranted13/357,543USAutomated Discovery Using Textual AnalysisGranted14/481,546USAutomated Discovery Using Textual AnalysisGranted14/533,058USConsensus Sequence IdentificationGranted14/597,156USConsensus Sequence IdentificationGranted14/639,954USLandmark Point SelectionGranted14/884,511USAdherence Measurement for Carepath Protocol ComplianceGranted15/795,202USScalable Topological Summary Construction Using Landmark PointGranted15/147,821	IntsUSSystems and Methods for Visualization of Data AnalysisGranted12/703,16509-Feb-2010USSystems and Methods for Graphical LayoutGranted13/356,59123-Jan-2012USSystems and Methods for Graph RenderingGranted13/357,54324-Jan-2012USSystems and Methods for Graph RenderingGranted14/481,54609-Sep-2014USSystems and Methods for Metric Discovery Using Textual AnalysisGranted14/533,05804-Nov-2014USSystems and Methods for Metric Data SmoothingGranted14/597,15614-Jan-2015USConsensus Sequence IdentificationGranted14/597,15614-Jan-2015USLandmark Point SelectionGranted14/639,95405-Mar-2015USAdherence Measurement for Carapath Protocol ComplianceGranted15/795,20226-Oct-2017USScalable Topological Summary Construction Using Landmark PointGranted15/147,82105-May-2016	International problemntsUSSystems and Methods for Graphical LayoutGranted12/703,16509-Feb-20108,972,899USSystems and Methods for Graphical LayoutGranted13/356,59123-Jan-20129,098,941USSystems and Methods for Graphical LayoutGranted13/357,54324-Jan-20128,830,254USSystems and Methods for Graph RenderingGranted14/481,54609-Sep-20149,892,110USAutomated Discovery Using Textual AnalysisGranted14/533,05804-Nov-201410,114,823USSystems and Methods for Metric Data SmoothingGranted14/597,15614-Jan-201510,102,271USConsensus Sequence IdentificationGranted14/639,95405-Mar-201510,002,180USLandmark Point SelectionGranted14/884,51115-Oct-201710,102,275USAdherence Measurement for Carepath Protocol ComplianceGranted15/795,20226-Oct-201710,152,575USScalable Topological Summary Construction Using Construction Using <br< td=""></br<>

Docket No.	CC	Title	Status	App. No.	Filing Date	Patent No.	Grant Date
20WH-212605	US	Outcome Analysis for Graph Generation	Allowed	15/166,207	26-May-2016		
20WH-164589	US	Systems and Methods for Mapping New Patient Information to Historic Outcomes for Treatment Assistance	Pending	13/648,237	09-Oct-2012		
20WH-174035	US	Grouping of Data Points in Data Analysis for Graph Generation	Pending	15/069,797	14-Mar-2016		
20WH-177382	US	Systems and Methods for Mapping Patient Data from Mobile Devices for Treatment Assistance	Pending	14/221,141	20-Mar-2014		
20WH- 193422-US1	US	Systems and Methods for Metric Data Smoothing	Pending	16/125,251	07-Sep-2018		
20WH- 196026-US1	US	Consensus Sequence Identification	Pending	16/113,809	27-Aug-2018		
20WH- 197479-US1	US	Systems and Methods for Capture of Relationships Within Information	Pending	16/057,635	07-Aug-2018		
20WH-207254	US	Systems and Methods for Visualization of Data Analysis	Pending	14/577,649	19-Dec-2014		
20WH- 209474-US1	US	Landmark Point Selection	Pending	16/012,606	19-Jun-2018		
20WH-209475	US	Systems and Methods for Predicting Outcomes Using a Prediction Learning Model	Pending	15/068,507	11-Mar-2016		
20WH-218862	US	Topological Data Analysis for Identification of Market Regime for Prediction	Pending	15/219,172	25-Jul-2016		

Docket No.	сс	Title	Status	App. No.	Filing Date	Patent No.	Grant
							Date
20WH-219658	US	Network Representation for Evolution of Clusters and Groups	Pending	15/262,900	12-Sep-2016		
20WH-226133	US	Detection of Fraud or Abuse	Pending	15/376,613	12-Dec-2016		
20WH-228452	US	Topological Data Analysis of Data from a Fact Table and Related Dimension Tables	Pending	15/657,061	21-Jul-2017		
20WH-228453	US	Query Capabilities of Topological Data Analysis Graphs	Pending	15/657,074	21-Jul-2017		
20WH-228454	US	Topological Data Analysis Utilizing Spreadsheets	Pending	15/655,823	20-Jul-2017		
20WH-242404	US	Scalable Topological Data Analysis Using Topological Summaries of Subsets	Pending	15/656,995	21-Jul-2017		
20WH-242405	US	Scalable Topological Data Analysis	Pending	15/640,166	30-Jun-2017		
20WH-249192	US	Dimension Grouping and Reduction for Model Generation, Testing, and Documentation	Pending	15/806,265	07-Nov-2017		
20WH-252785	US	Healthcare Provider Claims Denials Prevention Systems and Methods	Pending	15/909,974	01-Mar-2018		
20WH- 258150-US	US	Landmark Feature Selection	Pending	16/007,793	13-Jun-2018		
20WH- 259182-US	US	Systems and Methods for Topological Data Analysis Using Nearest Neighbors	Pending	16/022,607	28-Jun-2018		

Docket No.	CC	Title	Status	App. No.	Filing Date	Patent No.	Grant
							Date
20WH- 267776-P	US	Systems and Methods for Healthcare Provider Claims Denials Prevention	Pending	- 62/799,721	31-Jan-2019		
20WH-268974	US	Automated Discovery Using Textual Analysis	Pending	15/896,030	13-Feb-2018		
20WH-285398	US	Topological Data Analysis Based Approaches to Deep Learning	Pending	62/723,929	28-Aug-2018		
20WH- 289783-P	US	Using Random Forest Metrics to Identify Changed Data	Pending	62/768,825	16-Nov-2018		
Foreign Grante	d Patents	•					•
20WH-146301	CN	Systems and Methods for Visualization of Data Analysis	Granted	201080016231.1	10-Feb-2010	102483693	12- Aug- 2015
Foreign Pendin	g Applications						
20WH-196026	CN	Consensus Sequence Identification	Pending	2015800139727	14-Jan-2015		
20WH-197479	CN	Systems and Methods for Capture of Relationships Within Information	Pending	201580023716.6	05-Mar-2015		
20WH-209475	CN	Systems and Methods for Predicting Outcomes Using a Prediction Learning Model	Pending	2016800269212	11-Mar-2016		
20WH-212605	CN	Outcome Analysis for Graph Generation	Pending	2016800406898	26-May-2016		
20WH-146301	EP	Systems and Methods for Visualization of Data Analysis	Pending	10741671.1	10-Feb-2010		

Docket No.	СС	Title	Status	App. No.	Filing Date	Patent No.	Grant
							Date
20WH-164589	EP	Systems and Methods for Mapping New Patient Information to Historic Outcomes for Treatment Assistance	Pending	12839511.8	09-Oct-2012		
20WH-177382	EP	Systems and Methods for Mapping Patient Data from Mobile Devices for Treatment Assistance	Pending	14769434.3	21-Mar-2014		
20WH-196026	EP	Consensus Sequence Identification	Pending	15737570.0	14-Jan-2015		
20WH-197479	EP	Systems and Methods for Capture of Relationships Within Information	Pending	15757741.2	05-Mar-2015		
20WH-209475	EP	Systems and Methods for Predicting Outcomes Using a Prediction Learning Model	Pending	16762687.8	11-Mar-2016		
20WH-212605	EP	Outcome Analysis for Graph Generation	Pending	16800762.3	26-May-2016		
20WH-247830	WO	Adherence Measurement for Carepath Protocol Compliance	Pending	PCT/US2017/ 058618	26-Oct-2017		
20WH-249192	WO	Dimension Grouping and Reduction for Model Generation, Testing, and Documentation	Pending	PCT/US2017/ 060463	07-Nov-2017		
20WH-252785	WO	Healthcare Provider Claims Denials Prevention Systems and Methods	Pending	PCT/US2018/ 020552	07-Sep-2018		
20WH-258150	WO	Landmark Feature Selection	Pending	PCT/US2018/ 037390	13-Jun-2018		

Docket No.	СС	Title	Status	App. No.	Filing Date	Patent No.	Grant Date
20WH- 259182-WO	WO	Systems and Methods for Topological Data Analysis Using Nearest Neighbors	Pending	PCT/US2018/ 040151	28-Jun-2018		
[20WH- 228452	WO	Topological Data Analysis Of Data From A Fact Table And Related Dimension Tables	Pending*	PCT/US17/043409	21-Jul-2017		
20WH-242404	WO	Scalable Topological Data Analysis Using Topological Summaries Of Subsets	Pending*	PCT/US17/043400	21-Jul-2017		
20WH-242405	WO	Scalable Topological Data Analysis	Pending*	PCT/US17/040513	30-Jun-2017]		