503778350 04/11/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3824996

SUBMISSION TYPE: NATURE OF CONVEYANCE:		NEW ASSIGNMENT	NEW ASSIGNMENT RELEASE OF SECURITY INTEREST				
		RELEASE OF SECURITY IN					
CONVEYING PARTY	DATA						
		Name	Name Execution				
JPMORGAN CHASE E	BANK, N.A	., AS ADMINISTRATIVE AGENT	ADMINISTRATIVE AGENT				
RECEIVING PARTY D	ΑΤΑ						
Name:		TRUVEN HEALTH ANALYTICS INC.					
Street Address:	100 PH	100 PHOENIX DRIVE					
City:	ANN AI	ANN ARBOR					
State/Country:	місніс	MICHIGAN					
Postal Code:	48108	08					
PROPERTY NUMBER	S Total: 4						
Property Type		Number	Number				
Application Number:		12228882					
		14016346					
Application Number: 1		14146360					
Patent Number:		8671113					
CORRESPONDENCE Fax Number:		(866)826-5420					
		the e-mail address first; if that is	unsuccessfu	l, it will be sent			
-	-	l; if that is unsuccessful, it will be	sent via US N	Íail.			
		301-638-0511					
•		ipresearchplus@comcast.net IP RESEARCH PLUS, INC.					
Correspondent Name Address Line 1:		21 TADCASTER CIRCLE					
		ATTN: PENELOPE J.A. AGODOA					
Addrage Ling 2							
Address Line 2: Address Line 4:		WALDORF, MARYLAND 20602					
Address Line 4:							
Address Line 4: ATTORNEY DOCKET N	IUMBER:	WALDORF, MARYLAND 20602					
	IUMBER:	WALDORF, MARYLAND 20602 CRS1-40983					
Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER	IUMBER:	WALDORF, MARYLAND 20602 CRS1-40983 PENELOPE J.A. AGODOA					
Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE:	IUMBER:	WALDORF, MARYLAND 20602 CRS1-40983 PENELOPE J.A. AGODOA /pja/					
Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE: DATE SIGNED:	NUMBER:	WALDORF, MARYLAND 20602 CRS1-40983 PENELOPE J.A. AGODOA /pja/					

PATENT REEL: 038248 FRAME: 0648

RELEASE OF SECURITY INTEREST IN PATENTS

THIS RELEASE OF SECURITY INTEREST IN PATENTS (this "<u>Release</u>") is made as of April 7, 2016 ("<u>Effective Date</u>") from JPMORGAN CHASE BANK, N.A., a national banking association, located at 10 S. Dearborn, 7th Floor Chicago, IL 60603, as Administrative Agent for the benefit of the Lenders (in such capacity, the "<u>Administrative Agent</u>") to Truven Health Analytics, Inc., a Delaware corporation, located at 777 E. Eisenhower Parkway, Ann Arbor, Michigan 48108 (the "<u>Grantor</u>").

WHEREAS, Truven Holding Corp. (formerly known as VCPH Holding Corp.), Truven Health Analytics Inc. (formerly known as Thomson Reuters (Healthcare) Inc.), Lenders and the Administrative Agent have entered into that certain Credit Agreement dated as of June 6, 2012 (as amended, replaced, restated, supplemented or otherwise modified from time to time, the "Credit Agreement");

WHEREAS, in connection with the Credit Agreement, the Grantor and certain of its Affiliates have entered into that certain Guarantee and Collateral Agreement, dated as of June 6, 2012 (as amended, restated, replaced, supplemented or otherwise modified from time to time, the "<u>Collateral Agreement</u>") in favor of the Administrative Agent for the benefit of the Secured Parties;

WHEREAS, pursuant to the Collateral Agreement, the Grantor and the Administrative Agent entered into that certain Patent Security Agreement, dated as of June 10, 2014 (the "<u>Patent Security Agreement</u>"; all capitalized terms used but not defined herein have the definition assigned to them in the Patent Security Agreement);

WHEREAS, pursuant to the terms and conditions of the Patent Security Agreement, as security for the prompt and complete payment and performance when due of all of its Obligations, the Grantor pledged and granted to the Administrative Agent, for the benefit of the Secured Parties, a continuing security interest in, and a right of setoff against, all of the right, title and interest of such Grantor in, to and under the Collateral, including that set forth on <u>Schedule I</u> attached hereto; and

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on June 12, 2014 at Reel 033136, Frame 0024.

NOW, THEREFORE, without recourse and without representation and warranty and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Administrative Agent hereby (i) terminates, cancels and releases any and all security interests it has against the Collateral, (ii) terminates the Patent Security Agreement with respect to such Collateral and (iii) reassigns all right, title and interest it may have in, to or under the Collateral, including without limitation any renewals of any of the foregoing, and any proceeds of the foregoing, and any claims against third parties for past, present or future infringement or dilution of the Collateral, to the Grantor.

The Administrative Agent shall take all further actions, and provide to Grantor, its successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), requested by Grantor to more fully and effectively effectuate the purposes of this Release.

This Release and the rights and obligations of the parties hereunder shall be construed in accordance with and be governed by the law of the State of New York, without regard to any conflicts of laws principles that would require or permit the laws of any other jurisdiction to apply.

The Administrative Agent hereby authorizes and requests that the Commissioner of Patents and Trademarks record this Release.

PATENT REEL: 038248 FRAME: 0649 **IN WITNESS WHEREOF,** the undersigned has executed this Release by its duly authorized representative as of the Effective Date.

JPMORGAN CHASE BANK, N.A.,

As Administrative Agent By:

Name: Vanessa Chiu

Title: Executive Director

[Signature Page to Release of 2014 Security Interest in Patents]

PATENT REEL: 038248 FRAME: 0650

SCHEDULE I

PATENTS

Owner	Patent	Country	Application No.	Patent No. (Issued Only)	Grant Date (Issued Only)
Truven Health	Systems,	United States	12/228882		
Analytics Inc.	Methods and				
	Software for Estimating				
	Patient				
	Treatment Costs				
Truven Health	Method and	United States	14/016346		
Analytics Inc.	System for		,		
-	Extracting				
	Medical				
	Information for				
	Presentation to				
	Medical				
	Providers on				
Truven Health	Mobile Terminals	United States	14/146360		
Analytics Inc.	Systems, Methods, and	United States	14/140300		
Analytics Inc.	Software for				
	Forecasting				
	Medical				
	treatment Risks				
	and Costs Based				
	on Illness				
	Severity and				
	Patient Illness				
	Burden	-			
Truven Health	Internet Delivery	United States	12/773603	8671113	March 11, 2014
Analytics Inc.	System				

[Schedule I to Release of Security Interest in Patents]

PATENT REEL: 038248 FRAME: 0651

RECORDED: 04/11/2016