

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3824997

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
JPMORGAN CHASE BANK, N.A., AS ADMINISTRATIVE AGENT	04/07/2016

**RECEIVING PARTY DATA**

<b>Name:</b>	TRUVEN HEALTH ANALYTICS INC.
<b>Street Address:</b>	100 PHOENIX DRIVE
<b>City:</b>	ANN ARBOR
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48108

**PROPERTY NUMBERS Total: 14**

Property Type	Number
Application Number:	11520847
Patent Number:	8548825
Patent Number:	8869029
Patent Number:	8682688
Patent Number:	8671113
Application Number:	13112151
Patent Number:	D454880
Patent Number:	7831449
Patent Number:	7343565
Patent Number:	6895445
Patent Number:	D476659
Patent Number:	7747644
Application Number:	12545714
Application Number:	10675236

**CORRESPONDENCE DATA**

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<b>Correspondent Name:</b>	IP RESEARCH PLUS, INC.
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<b>Address Line 2:</b>	ATTN: PENELOPE J.A. AGODOA
<b>Address Line 4:</b>	WALDORF, MARYLAND 20602

<b>ATTORNEY DOCKET NUMBER:</b>	CRS1-40982
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<b>NAME OF SUBMITTER:</b>	PENELOPE J.A. AGODOA
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<b>SIGNATURE:</b>	/pja/
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<b>DATE SIGNED:</b>	04/11/2016
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**Total Attachments: 4**

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## **RELEASE OF SECURITY INTEREST IN PATENTS**

**THIS RELEASE OF SECURITY INTEREST IN PATENTS** (this "Release") is made as of April 7, 2016 ("Effective Date") 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 "Administrative Agent") to Truven Health Analytics, Inc., a Delaware corporation, located at 777 E. Eisenhower Parkway, Ann Arbor, Michigan 48108 (the "Grantor").

**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 "Collateral Agreement") 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 6, 2012 (the "Patent Security Agreement"; 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 Schedule I attached hereto; and

**WHEREAS**, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on July 9, 2012 at Reel 028518, Frame 0491.

**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.

**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

**SCHEDULE I****PATENTS**

<b>Owner</b>	<b>Patent</b>	<b>Country</b>	<b>Application No.</b>	<b>Patent No. (Issued Only)</b>	<b>Grant Date (Issued Only)</b>
Truven Health Analytics Inc.	Systems, Methods, and Software for Forecasting Medical treatment Risks and Costs Based on Illness Severity and Patient Illness Burden	United States	11/520847		
Truven Health Analytics Inc.	Method and System for Extracting Medical Information for Presentation to Medical Providers on Mobile Terminals	United States	12/942532	8548825	October 1, 2013
Truven Health Analytics Inc.	Handheld Device Graphical User interfaces for Displaying Patient Medical Records	United States	11/970177	8869029	October 1, 2014
Truven Health Analytics Inc.	Systems, Methods, and Software for Supporting Consumer Healthcare Decisions	United States	12/321129	8682688	March 25, 2014
Truven Health Analytics Inc.	Internet Delivery System	United States	12/773603	8671113	March 11, 2014
Truven Health Analytics Inc.	System and Method for Managing Mobile HIE Information	United States	13/112151		
Truven Health Analytics Inc.	Docking Station	United States	29/142926	D454880	March 26, 2002
Truven Health Analytics Inc.	Method and System for Extracting Medical Information for Presentation to Medical Providers on Mobile Terminals	United States	09/776484	7831449	November 9, 2010
Truven Health Analytics Inc.	Handheld Device Graphical User Interfaces for Displaying Patient Medical	United States	10/101577	7343565	March 11, 2008

[Schedule I to Release of Security Interest in Patents]

**PATENT**  
**REEL: 038248 FRAME: 0656**

	Records				
Truven Health Analytics Inc.	Docking Stations for Transferring Data Between Handheld Electronic Devices and Other Devices via Infrared Communications	United States	10/156475	6895445	May 17, 2005
Truven Health Analytics Inc.	Docking Station	United States	29/161351	D476659	July 1, 2003
Truven Health Analytics Inc.	Internet Delivery System Delivering Electronic Information Products to a Plurality of Users According to User Authentication and Type of User	United States	10/675235	7747644	June 29, 2010
Truven Health Analytics Inc.	System, Methods, and Software for Clinical Order Sets	United States	12/545714		
Truven Health Analytics Inc.	Network-Based Method and System for Managing and Providing Access to a Formulary	United States	10/675236		

[Schedule I to Release of Security Interest in Patents]