504159950 12/31/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4206625

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TODD MICHAEL EISCHEID	08/04/2015
SCOTT DAVID BOWER	08/04/2015
DAVID THOMAS WINDELL	08/04/2015

RECEIVING PARTY DATA

Name:	ALLSCRIPTS SOFTWARE, LLC
Street Address:	222 MERCHANDISE MART PLAZA, SUITE 2024
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60654

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14968111
Application Number:	15395760

CORRESPONDENCE DATA

Fax Number: (877)248-5100

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.

Phone: 8772485100

Email: uspto@ti-law.com

Correspondent Name: TILLMAN WRIGHT, PLLC

Address Line 1: P.O. BOX 49309

Address Line 4: CHARLOTTE, NORTH CAROLINA 28277

ATTORNEY DOCKET NUMBER:	1158.354 .372
NAME OF SUBMITTER:	CHAD D. TILLMAN
SIGNATURE:	/Chad D. Tillman/
DATE SIGNED:	12/31/2016

Total Attachments: 9

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ASSIGNMENT OF INVENTION RIGHTS

WHEREAS, the undersigned (hereinafter "<u>Assignor</u>") has or may have invented certain new and useful improvements or designs or both (each hereinafter an "<u>Invention</u>" and collectively the "<u>Inventions</u>"), for a description of which reference is here made to the disclosure of each patent property identified on the attached Schedule (each hereinafter a "<u>Patent Property</u>" and collectively the "<u>Patent Properties</u>");

WHEREAS, Allscripts Software, LLC, having an address of 222 Merchandise Mart Plaza, Suite 2024, Chicago, IL 60654 (hereinafter "<u>Assignee</u>") is desirous of acquiring all rights, title, and interests in, to, and under each Invention and each Patent Property, and in, to, and under any and all patents that have been or may be obtained for each of the Inventions, together with all rights corresponding thereto;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has agreed to quitclaim, sell, assign, transfer and convey, and by these presents does hereby quitclaim, sell, assign, transfer and convey, unto Assignee, effective for each invention at least as early as the date of conception thereof, any and all past, present and future right, title, and interest in, to and under:

- The Inventions:
- The right and authorization to file any application for patent for any one or more of the Inventions;
- Any and all applications for patent for any of the Inventions that may be or have been filed in any and all countries, including each Patent Property;
- Any and all patents that may be or have been obtained for any of the Inventions in any and all countries;
- Any reissue, reexamination, extension, renewal, substitution, conversion, confirmation, division, continuation, nonprovisional, provisional, continuation-in-part and the like of any of the foregoing;
- Any application claiming priority to any of the foregoing;
- Any application from which any of the foregoing claims priority; and
- Any past, present, or future right or cause of action arising with respect to any of the foregoing, including any right to sue for patent infringement, and any copyright in any embodiment of an Invention and any derivative right thereof,

(hereinafter collectively "Invention Rights").

FURTHERMORE, Assignor hereby acknowledges that any and all Invention Rights related to any Invention were at least under obligations of assignment to Assignee at least as early as the time of conception of the Invention; that any and all Invention Rights related to any Invention already may have been assigned to Assignee; and that this "Assignment of Invention Rights" (hereinafter "Assignment") is being duly executed for at least the purpose of public recordation with the U.S. Patent & Trademark Office of Assignee's rights, title, and interests in the Invention Rights.

Assignor hereby covenants and agrees, and binds any and all heirs, administrators, legal representatives, nominees, and assigns, to assist and cooperate with Assignee, at Assignee's expense, in the preparation and prosecution of any application included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any application or patent included within the Invention Rights and, further, to execute and deliver to Assignee any and all petitions, oaths, assignments, or other papers or instruments that may be requested by Assignee in connection therewith.

Effective with respect to each Invention at least as early as the time of conception of each such Invention, Assignor hereby authorizes and empowers Assignee to invoke and claim for any application or patent included within the Invention Rights the benefit of any rights to which Assignor might be entitled under

international law or under the laws of any particular country, and to invoke and claim such rights without further written or oral authorization from Assignor.

Assignor hereby consents and agrees that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular country for any purpose and, more particularly, in proof of the right of Assignee to claim the aforesaid benefit of the right of priority and the right to file for patent.

Assignor covenants and agrees that this Assignment and all the terms thereof shall inure to the benefit of the successors, assigns, legal representatives, and nominees of Assignee, without further written or oral authorization from Assignor.

Assignor further hereby represents and warrants that Assignor is an original inventor of the Invention; and Assignor has reviewed and understood the contents of each Patent Property.

This Assignment is governed by and shall be construed in accordance with the laws of North Carolina.

This the $\frac{4/4}{2}$ day of $\frac{4}{4}$	5
Assignor SCOTT DAVID BOWER	(Signature)
NOTARY CERTIFICATE FOR ACK	NOWLEDGEMENT
State of WAA (WO)NA)
County of WALL)
United States of America	
On this 44 day of 444 T I certify that the following person personally appeared before voluntarily signed the foregoing document for the purpose sta	
SCAT PAND BOW	(person appearing before notary)
Notary Signature:	
Printed Names 104/6/6 14 1/30	
My Controls Junitarios March 17, 2018	
My Controls (Notary Scaling Letter) (Notary Scaling Letter)	
238452862888888888888888888888888888888888	

SCHEDULE

Application Serial No.: 13/804,072

Filing Date: 2013-03-14

Attorney Docket No.: 1158.093

Title: SYSTEMS AND METHODS RELATED TO SECURITY

CREDENTIALS

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WHEREAS, the undersigned (hereinafter "<u>Assignor</u>") has or may have invented certain new and useful improvements or designs or both (each hereinafter an "<u>Invention</u>" and collectively the "<u>Inventions</u>"), for a description of which reference is here made to the disclosure of each patent property identified on the attached Schedule (each hereinafter a "<u>Patent Property</u>" and collectively the "<u>Patent Properties</u>");

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NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has agreed to quitclaim, sell, assign, transfer and convey, and by these presents does hereby quitclaim, sell, assign, transfer and convey, unto Assignee, effective for each invention at least as early as the date of conception thereof, any and all past, present and future right, title, and interest in, to and under:

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- Any and all patents that may be or have been obtained for any of the Inventions in any and all countries;
- Any reissue, reexamination, extension, renewal, substitution, conversion, confirmation, division, continuation, nonprovisional, provisional, continuation-in-part and the like of any of the foregoing;
- Any application claiming priority to any of the foregoing;
- Any application from which any of the foregoing claims priority; and
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This the	m day of August. 2015.
Assignor	TODD MICHAEL EISCHEID (Signature)
	NOTARY CERTIFICATE FOR ACKNOWLEDGEMENT
State of	North Carolina
County of	LOOKE)
United States of	America
voluntarily signe	day of House 3015 following person personally appeared before me and acknowledged to me that he or she d the foregoing document for the purpose stated therein and in the capacity indicated: [Eischeid] (person appearing before notary)
Notary Signature	Latra Resolution
My Commission	Expires: 91519
(Notary Seal)	Kathryn Kuhns Notary Public, North Carolina Wake County My Commission Expires

SCHEDULE

Application Serial No.: 13/804,072

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- Any application claiming priority to any of the foregoing;
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This the	1th day of Eugest	<u> 2015 .</u>
Assignor	DAVID THOMAS WINDELL	
	NOTARY CERTIFICATE FOI	RACKNOWLEDGEMENT
State of	MOOTH COCKED	
County of	<u> </u>)
United States o	of America	
On this	O day of August	<u> </u>
I certify that th	ie following person personally appeared	before me and acknowledged to me that he or she ose stated therein and in the capacity indicated:
<u>David</u>	T. Windell	(person appearing before notary)
Printed Name:	<u>Katoryo Kubas</u>	
My Commission	on Expires: <u>9115119</u>	
(Notary Seas)	Kathryn Kuhns Notary Public, North Carolina Wake County My Commission Expires	

SCHEDULE

Application Serial No.: 13/804,072

Filing Date: 2013-03-14

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