

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5914750

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
SIEMENS MEDICAL SOLUTIONS USA, INC.		02/02/2015
RECEIVING PARTY DATA		
Name:	CERNER INNOVATION, INC.	
Street Address:	10200 ABILITIES WAY	
City:	KANSAS CITY	
State/Country:	KANSAS	
Postal Code:	66111	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16704958	
CORRESPONDENCE DATA		
Fax Number:	(816)421-5547	
<i>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.</i>		
Phone:	8164746550	
Email:	tlparker@shb.com	
Correspondent Name:	SHOOK, HARDY & BACON L.L.P.	
Address Line 1:	2555 GRAND BOULEVARD	
Address Line 4:	KANSAS CITY, MISSOURI 64108	
ATTORNEY DOCKET NUMBER:	27098.334363	
NAME OF SUBMITTER:	TAYLOR PARKER	
SIGNATURE:	/TAYLOR PARKER/	
DATE SIGNED:	01/16/2020	
Total Attachments: 19		
source--Assign 6 - assignment-pat-34914-556#page1.tif		
source--Assign 6 - assignment-pat-34914-556#page2.tif		
source--Assign 6 - assignment-pat-34914-556#page3.tif		
source--Assign 6 - assignment-pat-34914-556#page4.tif		
source--Assign 6 - assignment-pat-34914-556#page5.tif		
source--Assign 6 - assignment-pat-34914-556#page6.tif		

source=-Assign 6 - assignment-pat-34914-556#page7.tif
source=-Assign 6 - assignment-pat-34914-556#page8.tif
source=-Assign 6 - assignment-pat-34914-556#page9.tif
source=-Assign 6 - assignment-pat-34914-556#page10.tif
source=-Assign 6 - assignment-pat-34914-556#page11.tif
source=-Assign 6 - assignment-pat-34914-556#page12.tif
source=-Assign 6 - assignment-pat-34914-556#page13.tif
source=-Assign 6 - assignment-pat-34914-556#page14.tif
source=-Assign 6 - assignment-pat-34914-556#page15.tif
source=-Assign 6 - assignment-pat-34914-556#page16.tif
source=-Assign 6 - assignment-pat-34914-556#page17.tif
source=-Assign 6 - assignment-pat-34914-556#page18.tif
source=-Assign 6 - assignment-pat-34914-556#page19.tif

PATENT ASSIGNMENT

WHEREAS, SIEMENS MEDICAL SOLUTIONS USA, INC., (hereinafter "SMS"), a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 51 Valley Stream Parkway, Malvern, County of Chester, and State of Pennsylvania 19355 is, except as otherwise designated, the exclusive owner of record of the entire and exclusive right, title, and interest in and to the U.S. patents and patent applications shown in the attached Schedule A, and the foreign patents and patent applications shown in the attached Schedule B; and

WHEREAS, CERNER INNOVATION, INC. (hereinafter "CERNER"), a corporation duly organized under the laws of the State of Delaware, and having a principal place of business at 10200 Abilities Way, Kansas City, County of Wyandotte, and State of Kansas (66111), is desirous of acquiring the entire and exclusive right, title, and interest in and to said U.S. and foreign patents and patent applications shown in the attached Schedules A and B, and to the inventions therein disclosed and granted for or upon said inventions in the United States of America and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

SMS has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto CERNER, its successors, assigns, and nominees, as the assignee, without any restriction, reservations, or limitations:

ITS ENTIRE RIGHT, TITLE, AND INTEREST in and to said U.S. and foreign patents and patent applications and all refilings, divisions, continuations, continuations-in-part, renewals, substitutes, reissues, and extensions thereof and the inventions therein disclosed;

Execution Version

INCLUDING ALL PRIORITY RIGHTS derived from said U.S. and foreign patents and applications therefor by virtue of the International Convention for the Protection of Industrial Property for any and all member countries of the aforesaid International Convention;

AND THE SOLE RIGHT to file applications for patents under the patent laws of any country in the world in its name, and the sole right to have patents granted on said U.S. and foreign patents and applications in its name to the full end of the term for which same would have been held by SMS, had this assignment not been made, and to enforce said patents with the right to sue for and recover for its own use accrued profits or damages for any and all infringements thereof, including, but not limited to, past infringements with respect to which SMS hereby waives any rights to receive any portion thereof.

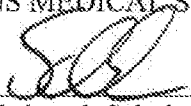
[Remainder of Page Intentionally Left Blank; Signature Page Follows]

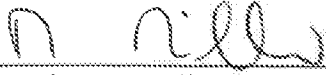
Execution Version

IN WITNESS WHEREOF, SMS has caused this assignment to be duly authorized and executed as of the date hereof.

EXECUTED this 2nd day of February, 2015.

SIEMENS MEDICAL SOLUTIONS USA, INC. SIEMENS MEDICAL SOLUTIONS USA, INC.

By 
Name: Christoph Scholz
Title: Attorney

By 
Name: Dr. Thomas Müller
Title: Attorney

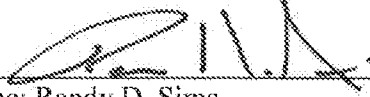
I, Matthias Wahl, whose full post office address is c/o Clifford Chance Deutschland LLP, Theresienstraße 4-6, 80333 Munich, Germany, hereby declare that I was personally present and did see Christoph Scholz and Dr. Thomas Müller, who are personally known to me and who are authorized representatives of SIEMENS MEDICAL SOLUTIONS USA, INC, duly sign and execute the above assignment.


Signature of Witness

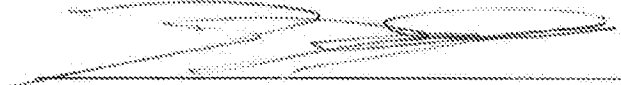
Date: February 2, 2015

ACCEPTED this 2nd day of February, 2015.

CERNER INNOVATION, INC.

By 
Name: Randy D. Sims
Title: Vice President and Secretary

I, David M. Wheeler, whose full post office address is 355 South Grand Avenue, Los Angeles, California 90071, USA, hereby declare that I was personally present and did see Randy D. Sims, who is personally known to me and who is the authorized representative of CERNER INNOVATION, INC., duly sign and accept the above assignment.


Signature of Witness

Date: February 2, 2015

SCHEDULE A**U.S. PATENTS AND APPLICATIONS**

Number	Application no.	Application date	Grant Date	Grant or Publication no.	Title
1	09/817,322	26.03.2001	16.02.2008	7334031	System and User Interface Supporting Processing and Activity Management for Concurrently Operating Applications
2	09/817,311	26.03.2001	09.05.2006	7043752	SYSTEM AND USER INTERFACE SUPPORTING CONCURRENT APPLICATION INITIATION AND INTEROPERABILITY
3	09/817,320	26.03.2001	24.10.2006	7127608	System and User Interface Supporting URL Processing And Concurrent Application Operation
4	09/817,323	26.03.2001	24.10.2006	7127609	System and User Interface For Adaptively Processing And Communicating URL Data Between Applications
5	10/007,105	04.12.2001	27.07.2010	7765127	SYSTEM FOR PROCESSING PRODUCT INFORMATION IN SUPPORT OF COMMERCIAL TRANSACTIONS
6	09/817,321	26.03.2001	05.09.2006	7103666	System And User Interface Supporting Concurrent Application Operation And Interoperability
7	2002-007799	16.01.2002	28.03.2008	4102568	User Interface Architecture for Personalized Workflow-Oriented Access and Interaction in Computer-Driven E-Business/E-Selling and Other Internet Applications

Execution Version

8	09/848,985	04.05.2001	05.10.2004	6801227	SYSTEM AND USER INTERFACE SUPPORTING USER NAVIGATION AND CONCURRENT APPLICATION OPERATION
9	09/973,349	09.10.2001	24.06.2008	7392237	Identifier Code Translation System
10	09/939,886	27.08.2001	29.05.2007	7225408	System and User Interface for Communicating and Processing Patient Record Information
11	09/939,899	27.08.2001	30.06.2009	7555720	System and User Interface for Processing and Navigating Patient Record Information
12	09/939,965	27.08.2001	16.01.2007	7165062	System and User Interface for Accessing and Processing Patient Record Information
13	10/142,463	09.05.2002	25.04.2006	7035862	Method for Processing Information From an Information Repository
14	10/142,590	09.05.2002	04.09.2007	7266775	METHOD FOR RETRIEVING INFORMATION FROM AN INFORMATION REPOSITORY
15	11/777,469	13.07.2007	30.11.2010	7844904	System for use in Data Exchange and Information Retrieval
16	10/109,156	28.03.2002	15.05.2007	7219094	Method And System For Providing An Adaptive Interface For Use In Interrogating An Application
17	10/077,372	15.02.2002	29.01.2008	7325234	System and Method for Monitoring Computer Application and Resource Utilization
18	02731817.9	15.05.2002	11.07.2007	60221136.0	SYSTEM UND VERFAHREN ZUR ÜBERWACHUNG VON COMPUTERANWENDUNG EN UND DER BETRIEBSMITTELAUSNUTZ UNG

Execution Version

19	02731817.9	15.05.2002	11.07.2007	EP1425668	System and Method for Monitoring Computer Application and Resource Utilization
20	09/931,965	17.08.2001	22.11.2005	6968551	SYSTEM AND USER INTERFACE FOR GENERATION AND PROCESSING OF SOFTWARE APPLICATION INSTALLATION INSTRUCTIONS
21	10/079,305	19.02.2002	30.05.2006	7054851	Communication Data Format for Use in Data Storage and Retrieval
22	10/116,774	04.04.2002	17.07.2007	7246326	System and Procedure for Providing a User Interface Display
23	10/158,808	31.05.2002	19.02.2008	7334196	A User Interface Display Navigation and Item Selection System
24	09/981,398	17.10.2001	19.04.2005	6883144	SYSTEM SUPPORTING USE OF CUSTOMIZABLE EXPRESSIONS BY APPLICATIONS
25	10/167,964	12.06.2002	28.03.2006	7020660	Data Object Generator and Method of Use
26	10/222,366	16.08.2002	22.06.2010	7742931	Order Generation System and User Interface Suitable for the Healthcare Field
27	10/197,925	18.07.2002	30.03.2010	7689441	Integrated Order and Scheduling in a Healthcare Administration System
28	10/114,218	02.04.2002	30.03.2004	6714913	SYSTEM AND USER INTERFACE FOR PROCESSING TASK SCHEDULE INFORMATION
29	10/212,556	05.08.2002	26.01.2010	7653873	SYSTEM AND USER INTERFACE SUPPORTING TASK SCHEDULE CONFIGURATION
30	10/107,229	27.03.2002	20.02.2007	7181054	SYSTEM FOR PROCESSING IMAGE REPRESENTATIVE DATA
31	09/993,041	06.11.2001	28.06.2005	6912549	SYSTEM FOR PROCESSING AND CONSOLIDATING RECORDS

Execution Version

32	10/236,560	06.09.2002	14.02.2006	6999972	SYSTEM FOR PROCESSING OBJECTS FOR STORAGE IN A DOCUMENT OR OTHER STORAGE SYSTEM
33	10/236,511	06.09.2002	21.02.2006	7003529	System For Adaptively Identifying Data For Storage
34	10/237,541	09.09.2002	14.11.2006	7136883	SYSTEM FOR MANAGING OBJECT STORAGE AND RETRIEVAL IN PARTITIONED STORAGE MEDIA
35	10/051,664	17.01.2002	18.12.2007	7310607	SYSTEM FOR PROCESSING HEALTHCARE RELATED EVENT INFORMATION FOR USE IN SCHEDULING PERFORMANCE OF TASKS
36	10/142,470	09.05.2002	08.03.2011	7904314	System and Method For Ordering Patient Specific Healthcare Services
37	13/011,991	24.01.2011	18.03.2014	8676599	System and Method For Ordering Patient Specific Healthcare Services
38	10/252,972	23.09.2002	31.08.2010	7788111	SYSTEM FOR PROVIDING HEALTHCARE RELATED INFORMATION
39	10/113,703	01.04.2002	15.02.2011	7890349	A Resource Monitoring System for Processing Location Related Information in a Healthcare Enterprise
40	10/282,644	29.10.2002	13.07.2010	7756728	Healthcare System and User Interface for Consolidating Patient Related Information From Different Sources
41	02822042.0	04.11.2002	07.01.2009	100449531C	PATIENT DATA MINING
42	10/114,642*	02.04.2002	30.09.2008	7430608	A SYSTEM FOR PROCESSING DATA ACQUIRED FROM MULTIPLE MEDICAL DEVICES
43	10/319,365	13.12.2002	25.11.2008	7457731	Early Detection of disease outbreak using electronic patient data to reduce public health threat from bio-terrorism

Execution Version

44	12/190,675	13.08.2008	05.03.2013	8392152	Early Detection of disease outbreak using electronic patient data to reduce public health threat from bio-terrorism
45	10/052,192	17.01.2002	04.11.2008	7447644	System and User Interface for Processing Healthcare Related Event Information
46	10/349,054	22.01.2003	19.07.2011	7984126	Executable Application Network Impact and Load Characteristic Estimation System
47	10/074,946	12.02.2002	31.01.2006	6993717	Data Transformation System
48	10/379,880	05.03.2003	25.08.2009	7580831	Dynamic Dictionary and Term Repository System
49	10/281,602	28.10.2002	20.12.2005	6978268	Healthcare Organization Central Record and Record Identifier Management System
50	10/383,324	07.03.2003	15.09.2009	7590932	Electronic Healthcare Management Form Creation
51	10/101,343	19.03.2002	27.09.2005	6950831	Processing System For Use With A User Interface Display
52	10/247,980	20.09.2002	29.03.2011	7917378	System for Processing Healthcare Claim Data
53	10/253,223	24.09.2002	14.09.2010	7797172	Healthcare Financial Data and Clinical Information Processing System
54	10/167,288	11.06.2002	23.05.2006	7051012	User Interface System for Maintaining Organization Related Information for Use in Supporting Organization Operation
55	10/253,310	24.09.2002	14.10.2008	7437302	A System for Managing Healthcare Related Information Supporting Operation of a Healthcare Enterprise
56	10/349,853	23.01.2003	26.02.2008	7336950	Communication Address Re-direction System for a Mobile Communication Device
57	10/287,329	04.11.2002	07.01.2014	8626533	Patient Data Mining with Population-Based Analysis

Execution Version

58	10/287,073	04.11.2002	04.05.2010	7711404	Patient Data Mining for Lung Cancer Screening
59	10/608,254	27.06.2003	18.05.2010	7720700	System for Processing Unpaid Healthcare Claims
60	10/725,154	01.12.2003	20.07.2010	7761787	Document Generation System and User Interface for Producing a User Desired Document
61	10/730,593	08.12.2003			A System for Analyzing and Processing Orders Related to Healthcare Treatment or Services
62	10/614,649	07.07.2003	04.12.2007	7305359	Healthcare Cash Management Accounting System
63	10/465,254	19.06.2003	22.07.2008	7404140	System for Managing Form Information for Use by Portable Devices
64	10/616,219	08.07.2003	18.10.2005	6956572	Patient Medical Parameter User Interface System
65	10/783,133	20.02.2004	21.10.2008	7441046	System Enabling Server Progressive Workload Reduction To Support Server Maintenance
66	10/645,234	21.08.2003	27.11.2007	7300418	A Healthcare System Supporting Multiple Network Connected Fluid Administration Pumps
67	10/796,255	09.03.2004	14.04.2009	7519591	SYSTEMS AND METHODS FOR ENCRYPTION-BASED DE-IDENTIFICATION OF PROTECTED HEALTH INFORMATION
68	10/802,712	17.03.2004	02.01.2007	7158890	SYSTEM AND METHOD FOR PROCESSING INFORMATION RELATED TO LABORATORY TESTS AND RESULTS
69	10/636,128	07.08.2003	16.11.2010	7836401	User Operable Help Information System
70	10/812,589	30.03.2004			SYSTEMS AND METHODS FOR AUTOMATED CLASSIFICATION OF HEALTH INSURANCE CLAIMS TO PREDICT CLAIM OUTCOME

Execution Version

71	10/704,400	07.11.2003			Service Order System and User Interface for Use in Healthcare and Other Fields
72	11/054,600	08.02.2005	26.01.2010	7653227	HIERARCHICAL MODELING IN MEDICAL ABNORMALITY DETECTION
73	11/067,992	28.02.2005	22.07.2008	7403936	Optimizing Database Access for Record Linkage by Tiling the Space of Record Pairs
74	10/901,273	28.07.2004			Clinical Data Processing System
75	10/870,584	17.06.2004	08.10.2013	8554480	Treatment Data Processing and Planning System
76	11/120,764	03.05.2005	28.06.2011	7970624	System and User Interface for Presenting Treatment Information
77	11/285,807	23.11.2005			A Predictive User Interface System
78	11/346,488	02.02.2006			Medical Information Interface and Communication System
79	11/237,298	28.09.2005	08.07.2014	8775207	Integrated Treatment Planning and Scheduling System
80	11/355,299	15.02.2006	19.01.2010	7650321	Two Classifier Based System for Classifying Anomalous Medical Patient Records
81	11/356,673	17.02.2006	24.06.2014	8762171	Medical Resource Estimation and Simulation System
82	11/365,271	01.03.2006	18.02.2014	8652039	Guiding Differential Diagnosis Through Information Maximization
83	11/352,667	13.02.2006			SYSTEM FOR MANAGING DOCUMENTS AND ASSOCIATED DOCUMENT INFORMATION DEFICIENCIES
84	11/382,546	10.05.2006	21.10.2008	7438216	Medical Information Access and Processing System

Execution Version

85	11/443,862	31.05.2006			System and Method for Data Sensitive Filtering of Patient Demographic Record Queries
86	11/392,282	29.03.2006	27.05.2008	7379531	Beam Therapy Treatment User Interface Monitoring and Recording System
87	11/381,479	03.05.2006	05.03.2013	8392232	Healthcare Resource Management System
88	11/457,607	14.07.2006	22.02.2011	7895527	Systems, User Interfaces, and Methods for Processing Medical Data
89	11/456,688	11.07.2006	17.01.2012	8099304	System and User Interface for Processing Patient Medical Data
90	11/222,591	09.09.2005	11.03.2008	7343385	SYSTEM FOR PROCESSING OBJECTS FOR STORAGE IN A DOCUMENT OR OTHER STORAGE SYSTEM
91	11/256,865	24.10.2005	08.01.2008	7318059	Healthcare Organization Record Identifier Assignment Management System
92	11/556,356	03.11.2006	12.11.2013	8583451	A Context Information Processing System Used For Accessing Medical Data
93	11/551,283	20.10.2006	29.01.2013	8364499	Medical Information Validation System
94	11/549,253	13.10.2006			A Task and Workflow Management System for Healthcare and other Applications
95	11/735,720	16.04.2007	30.11.2010	7844560	Personalized Prognosis Modeling In Medical Treatment Planning
96	12/944,288	11.11.2010	12.11.2013	8579784	Personalized Prognosis Modeling In Medical Treatment Planning
97	11/735,736	16.04.2007	28.09.2010	7805385	Prognosis Modeling From Literature and Other Sources
98	11/407,529	20.04.2006	14.06.2011	7962544	Patient and Device Location Dependent Healthcare Information

Execution Version

					Processing System
99	11/740,435	26.04.2007			A medical Treatment Compliance Monitoring System
100	11/751,171	21.05.2007	30.09.2008	7430692	Processor Operational Status Management System
101	11/751,828	22.05.2007	14.02.2012	8117042	Communication and Interface Support System
102	11/778,983	17.07.2007	17.08.2010	7779003	Computerized Search System for Medication and Other Items
103	11/780,641	20.07.2007	12.10.2010	7813941	PATIENT BED SEARCH SYSTEM
104	12/871,050	30.08.2010	10.07.2012	8219416	A PATIENT BED SEARCH AND MANAGEMENT SYSTEM
105	11/778,733	17.07.2007			An Application to Worker Communication Interface
106	11/780,691	20.07.2007	30.11.2010	7844470	Treatment Order Processing System Suitable for Pharmacy and Other Use
107	11/850,193	05.09.2007	23.11.2010	7840511	LEARNING OR INFERRING MEDICAL CONCEPTS FROM MEDICAL TRANSCRIPTS USING PROBABILISTIC MODELS WITH WORDS OR PHRASES IDENTIFICATION
108	11/850,054	05.09.2007	05.10.2010	7810045	Configurable User Interface System for Processing Patient Medical Data
109	11/862,775	27.09.2007			System for Providing an Overview of Patient Medical Condition
110	11/872,910	16.10.2007	08.01.2013	8352538	A Transaction Monitoring System
111	11/869,918	10.10.2007			A Customizable System for Monitoring Record Completion for Healthcare and Other Uses
112	11/610,641	14.12.2006			A Patient Discharge Data Processing System

Execution Version

113	11/877,066	23.10.2007	08.11.2011	8055593	Learning Classifiers for Multiple-Label Data Analysis
114	11/875,141	19.10.2007	28.06.2011	7970629	Adaptive System for Financial Claim Reimbursement Processing
115	11/945,584	27.11.2007	03.04.2012	8151204	Document Viewing and Management System
116	11/564,448	29.11.2006	20.03.2012	8140684	VOICE ACTIVATED SYSTEM FOR DYNAMICALLY RE-CONNECTING USER COMPUTER OPERATION SESSIONS
117	11/956,499	14.12.2007	15.03.2011	7908153	An Infection Control Management and Workflow System
118	12/014,231	15.01.2008			A Data Field Referencing Text Processing System
119	12/016,278	18.01.2008			A System and User Interface for Clinical Reporting and Ordering Provision of an Item
120	11/765,038	19.06.2007	16.03.2010	7680958	Adaptive Transaction Message Format Display Interface for Use in a Message Data Exchange System
121	08/700,899	21.08.1996	19.01.1999	5862310	Data Formatting System
122	11/274,690	14.11.2005	09.10.2007	7278579	Patient Information Management System
123	12/062,631	04.04.2008			A Distributed Patient Monitoring System
124	12/062,622	04.04.2008	17.05.2011	7945457	A Distributed System for Monitoring Patient Video, Audio and Medical Parameter Data
125	12/124,514	21.05.2008	10.05.2011	7941395	System for Storing Documents in A Repository
126	11/748,565	15.05.2007	07.12.2010	7849498	SYSTEM AND USER INTERFACE SUPPORTING CONTEXT SHARING BETWEEN CONCURRENTLY OPERATING APPLICATIONS

Execution Version

127	12/128,947	29.05.2008	30.08.2011	8010476	System and Method for Medical Predictive Models Using Likelihood Gamble Pricing
128	12/115,863	06.05.2008	06.09.2011	8015145	A System for Providing Healthcare Operation Specific User Interface Display Images
129	11/758,716	06.06.2007	25.03.2014	8682693	Patient Data Mining for Lung Cancer Screening
130	12/165,736	01.07.2008			Medication Related Task Notification System
131	12/139,556	16.06.2008			A Claim Processing Validation System
132	12/172,367	14.07.2008	24.07.2012	8229881	System and Method for Creating and Searching Medical Ontologies
133	12/173,519	15.07.2008			A System and User Interface for Acquisition and Storage of Patient Medical Insurance Data
134	12/116,278	07.05.2008			A System for Monitoring Periodic Processing of Business Related Data
135	12/033,216	19.02.2008			A Worker Adaptive Task management and Workflow System
136	12/195,932	21.08.2008	27.12.2011	8086443	System and Method for Text Tagging and Segmentation Using a Generative/Discriminative Hybrid Hidden Markov Model
137	12/251,636	15.10.2008	05.02.2013	8370352	CONTEXTUAL SEARCHING OF ELECTRONIC RECORDS AND VISUAL RULE CONSTRUCTION
138	12/268,776	11.11.2008	21.05.2013	8447778	An Adaptively Optimizing Order Entry System
139	13/860,739	11.04.2013			An Adaptively Optimizing Order Entry System
140	12/358,301	23.01.2009	30.07.2013	8498870	Medical Ontology Based Data & Voice Command Processing System

Execution Version

141	12/038,169	27.02.2008	25.01.2011	7877272	Computer Instructions for Guiding Differential Diagnosis through Information Maximization
142	12/433,552	30.04.2009	21.02.2012	8121860	Patient Care and Treatment Data Structure and Processing System
143	12/433,500	30.04.2009	27.03.2012	8145506	Patient Problem Data Structure and Processing System
144	12/433,471	30.04.2009			An Automated Interdisciplinary Plan of Care Generation System
145	12/507,113	22.07.2009			Integrated Medication and Infusion Monitoring System
146	12/634,878	10.12.2009	15.10.2013	8560346	System and Method for Ranking Quality Improvement Factors in Patient Care
147	12/720,705	10.03.2010	03.04.2012	8150709	Integrated Point of Care Medication Administration Information System
148	13/372,564	14.02.2012	15.07.2014	8781855	Integrated Point of Care Medication Administration Information System
149	12/891,983	28.09.2010	10.06.2014	8751495	Automated Patient/Document Identification and Categorization For Medical Data
150	12/629,075	02.12.2009	29.01.2013	8365068	SYSTEM AND USER INTERFACE for WORKFLOW & TASK SCHEDULE CONFIGURATION
151	13/013,314	25.01.2011			Method and Apparatus for Estimating Patient Populations
152	12/814,626	14.06.2010	22.10.2013	8565500	An Automatic Patient and Device Recognition and Association System
153	13/228,776	09.09.2011			Automatic Processing of Handwritten Physician Orders

Execution Version

154	12/893,008 (co-owned with Northeastern University)	29.09.2010	27.09.2011	8027939	Automatic Labeler Assignment Using A Model Built From Multi-Labeler Data
155	13/589,400	20.08.2012			System and Method for Identifying Inconsistent and/or Duplicate Data in Health Records
156	13/228,497	09.09.2011			Computer-Based Patient Management for Healthcare
157	13/228,661	09.09.2011			Computerized Surveillance of Medical Treatment
158	13/480,511	25.05.2012			A System for Dynamically and Quickly Generating a Report and Request for Quotation
159	13/292,202	09.11.2011			Healthcare Information System Interface Supporting Social Media and Related Applications
160	13/349,614	13.01.2012			A Bar-code Assignment System for Medical & Other Uses
161	13/479,388	24.05.2012	15.04.2014	8700589	A System for Linking Medical Terms for a Medical Knowledge Base
162	13/473,651	17.05.2012		2013-0266135	A System for DNA Identification Hiding Personal Traits
163	13/466,362	08.05.2012		2013-0304482	Auto-Populated Medication Selection & Ordering System
164	13/526,632	19.06.2012		2013-0339052	A System for Targeting Advertisements Based on Patient Electronic Medical Record Data
165	13/688,713	29.11.2012		2014-0088983	A Healthcare Information Operation Session and Data Transfer System
166	14/039,125	27.09.2013		2014-0095206	ADAPTIVE MEDICAL DOCUMENTATION SYSTEM
167	14/035,989	25.09.2013		2014-0095203	MEDICAL WORKFLOW DETERMINATION AND OPTIMIZATION

Execution Version

168	14/032,522	20.09.2013		2014-0095201	LEVERAGING PUBLIC HEALTH DATA FOR PREDICTION AND PREVENTION OF ADVERSE EVENTS
169	14/037,469	26.09.2013		2014-0095204	AUTOMATED MEDICAL COHORT DETERMINATION
170	13/743,731	17.01.2013		2014-0098209	A Mobile Processing Device System for Patient Monitoring Data Acquisition
171	14/195,900	04.03.2014		2014-0257835	FRAMEWORK FOR PROVIDING WORKFLOW GUIDANCE
172	14/199,162	06.03.2014		2014-0257838	Patient Care plan determination
173	14/152,012	10.01.2014		2014-0193056	SYSTEMS AND METHODS FOR PATIENT ANATOMICAL IMAGE VOLUME DATA VISUALIZATION USING A PORTABLE PROCESSING DEVICE
174	14/032,435	20.09.2013		2014-0067426	DYNAMIC PAIRING OF DEVICES WITH A MEDICAL APPLICATION
175	14/102,606	11.12.2013			System and Methods for generating a diet plan
176	14/488,528	17.09.2014			Healthcare Process Management Using Context
177	14/252,950	15.04.2014			PATIENT SUMMARY GENERATION
178	14/175,432	07.02.2014			EFFICIENT FRAMEWORK FOR HEALTHCARE ORDER ENTRY
179	14/196,001	04.03.2014			Methods and Systems for Context Driven Real Time Messaging in Healthcare Information
180	14/203,989	11.03.2014			SYSTEM DEVELOPMENT DATASET PREPARATION
181	14/220,171	20.03.2014		2014-0365242	INTEGRATION OF MULTIPLE INPUT DATA STREAMS TO CREATE STRUCTURED DATA

Execution Version

182	14/220,175	20.03.2014			PRIVACY PROTECTION BASED ON DEVICE PRESENCE
183	14/166,102	28.01.2014		2014-0214451	ADAPTIVE MEDICAL DOCUMENTATION SYSTEM
184	62/017,897	27.06.2014			Systems and Methods for Providing Validated Health Care Documents
185	14/476,840	04.09.2014			MEDICAL EMERGENCY FRAMEWORK
186	14/331,320	15.07.2014			Gap in Care Determination Using A Generic Repository for Healthcare
187	14/564,135	09.12.2014			VIRTUAL HOME SAFETY ASSESSMENT FRAMEWORK
188	62/063,431	14.10.2014			System and Method for Continuous Monitoring of Evolving Person and Population Risk Profiles
189	62/072,469	30.10.2014			SYSTEM AND METHOD FOR CONTINUOUS MONITORING OF EVOLVING PERSON POPULATION RISK PROFILES

SCHEDULE BNON-U.S. PATENTS AND APPLICATIONS

<u>Number</u>	<u>Country</u>	<u>Application No.</u>	<u>Application Date</u>	<u>Patent No.</u>	<u>Grant Date</u>	<u>Title</u>
1	CN	02822042.0	04/11/02	100449531C	07/01/09	Patient Data Mining
2	DE	02731817.9	05/15/02	60221136.0	11/07/07	System Und Verfahren Zur Überwachung Von Computeranwendungen Und Der Betriebsmittelausnutzung
3	GB	02731817.9	05/15/02	EP1425668	11/07/07	System And Method For Monitoring Computer Application And Resource Utilization
4	JP	2002-7799	01/16/02	4102568	03/28/08	User Interface Architecture For Personalized Workflow-Oriented Access And Interaction In Computer-Driven E-Business/E-Selling And Other Internet Applications