

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5233235

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JEFFERIES FINANCE LLC, AS COLLATERAL AGENT	04/29/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MERGE HEALTHCARE INCORPORATED
<b>Street Address:</b>	350 NORTH ORLEANS STREET, 1ST FLOOR
<b>City:</b>	CHICAGO
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60654
<b>Name:</b>	MERGE ASSET MANAGEMENT CORP.
<b>Street Address:</b>	900 WALNUT RIDGE DRIVE
<b>City:</b>	HARTLAND
<b>State/Country:</b>	WISCONSIN
<b>Postal Code:</b>	53029
<b>Name:</b>	MERGE ECLINICAL INC.
<b>Street Address:</b>	900 WALNUT RIDGE DRIVE
<b>City:</b>	HARTLAND
<b>State/Country:</b>	WISCONSIN
<b>Postal Code:</b>	53029
<b>Name:</b>	MERGE HEALTHCARE SOLUTIONS INC.
<b>Street Address:</b>	900 WALNUT RIDGE DRIVE
<b>City:</b>	HARTLAND
<b>State/Country:</b>	WISCONSIN
<b>Postal Code:</b>	53029
<b>Name:</b>	MERGE SF HOLDINGS, INC.
<b>Street Address:</b>	900 WALNUT RIDGE DRIVE
<b>City:</b>	HARTLAND
<b>State/Country:</b>	WISCONSIN
<b>Postal Code:</b>	53029
<b>Name:</b>	MERGE SH HOLDINGS. INC.
<b>Street Address:</b>	900 WALNUT RIDGE DRIVE
<b>City:</b>	HARTLAND

PATENT

<b>State/Country:</b>	WISCONSIN
<b>Postal Code:</b>	53029

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	13081062

**CORRESPONDENCE DATA**

**Fax Number:**

*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:** 6205280  
**Email:** jensmith@us.ibm.com  
**Correspondent Name:** JENNIFER L. SMITH  
**Address Line 1:** 1701 NORTH STREET  
**Address Line 4:** ENDICOTT, NEW YORK 13760

<b>ATTORNEY DOCKET NUMBER:</b>	RELEASING R/F 030281/0510
<b>NAME OF SUBMITTER:</b>	JENNIFER L. SMITH
<b>SIGNATURE:</b>	/JENNIFER L. SMITH/
<b>DATE SIGNED:</b>	11/12/2018

**Total Attachments: 9**

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**TERMINATION AND RELEASE OF SECURITY INTEREST  
(Patents)**

**THIS TERMINATION AND RELEASE OF SECURITY INTEREST**, dated as of April 29, 2014, is made by Jefferies Finance LLC, in its capacity as collateral agent (in such capacity, the "Collateral Agent") for the Secured Parties (as defined in the Credit Agreement defined below). Capitalized terms used herein and not otherwise defined shall have the meanings assigned to such terms in the Credit Agreement, as applicable, referred to below.

WHEREAS, Merge Healthcare Incorporated, a Delaware corporation (the "Company"), the Subsidiaries of the Company party thereto as Subsidiary Guarantors (the "Subsidiary Guarantors"), and together with the Company, collectively, the "Grantors"), the financial institutions from time to time party thereto as Lenders (the "Lenders"), Bank of America, N.A., as Issuing Bank and Swingline Lender, and Jefferies Finance LLC, as Administrative Agent and as Collateral Agent, entered into that certain Credit Agreement, dated as of April 23, 2013 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Credit Agreement");

WHEREAS, in connection with the Credit Agreement, the Grantors and the Collateral Agent entered into that certain Security Agreement, dated as of April 23, 2013 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement"), pursuant to which each of the Grantors granted to the Collateral Agent a security interest (the "Security Interest") in all of such Grantor's right, title and interest in, to and under any Patents now owned or at any time hereafter acquired by such Grantor, including, without limitation, those identified on Schedule A hereto (the "Patents");

WHEREAS, in order to further evidence the Security Interest of the Collateral Agent in all of the Patents of the Grantors, the Grantors party thereto and the Collateral Agent entered into that certain Patent Security Agreement, dated as of April 23, 2013, made by the Grantors party thereto in favor of the Collateral Agent, which Patent Security Agreement was recorded at the United States Patent and Trademark Office on April 24, 2013 at Reel 030281 and Frame 0510; and

WHEREAS, in connection with the termination of the Commitments and repayment of all outstanding Loans and other Obligations in full under the Credit Agreement, the Collateral Agent has agreed to terminate and release (without any recourse to the Collateral Agent or any Lender and without any representation or warranty of any kind (either express or implied) by the Collateral Agent or any Lender) its Security Interest in all of the Patents of the Grantors, including, without limitation, those identified on Schedule A hereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent hereby terminates, releases, cancels, relinquishes and discharges (without any recourse to the Collateral Agent or any Lender and without any representation or warranty of any kind (either express or implied) by the Collateral Agent or any Lender) its Security Interest, and any right, title or interest of the Collateral Agent in all of the Patents of each Grantor, including the following Patents:

1. all Patents of each Grantor, including the patents and patent applications listed on Schedule A attached hereto;
2. all reissues, continuations or extensions of the foregoing; and
3. all Proceeds of any and all of the foregoing, including, without limitation, any claim by any Grantor against third parties for past, present or future infringement of any Patent set forth on Schedule A hereto.

The Collateral Agent agrees to execute and deliver to any Grantor all documents that such Grantor shall reasonably request to evidence such termination and release. All of the foregoing shall be at the sole expense of such Grantor, with no recourse to the Collateral Agent or any Lender and without any representation or warranty of any kind (either express or implied) by the Collateral Agent or any Lender, and shall be subject to the terms of the Credit Agreement, the Security Agreement and the other Security Documents.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Collateral Agent has caused this Termination and Release of Security Interest to be duly executed as of the date first set forth above.

JEFFERIES FINANCE LLC, as Collateral Agent

By: 

Name: J. Paul McDonnell

Title: Managing Director

Signature Page to Termination and Release of Security Interest (Patents)

PATENT

REEL: 047477 FRAME: 0708

**Schedule A**  
**to Termination and Release of Security Interest**

**Patent Registrations and Applications**

Issued Patents:

OWNER	PATENT NUMBER	DESCRIPTION
Merge Healthcare Solutions Inc.	5651775	MEDICATION DELIVERY AND MONITORING SYSTEM AND METHODS
Merge Healthcare Solutions Inc.	5908387	Device and Method for Improved Quantitative Coronary Artery
Cedara Software Corp.	5949491	ULTRASOUND IMAGE MANAGEMENT SYSTEM
Cedara Software Corp.	5959678	ULTRASOUND IMAGE MANAGEMENT SYSTEM
Requisite Software, Inc.	6032145	METHOD AND SYSTEM FOR DATABASE MANIPULATION
Requisite Software, Inc.	6321224	DATABASE SEARCH, RETRIEVAL, AND CLASSIFICATION WITH SEQUENTIALLY APPLIED SEARCH ALGORITHMS
Requisite Software, Inc.	6324534	SEQUENTIAL SUBSET CATALOG SEARCH ENGINE
Cedara Software Corp.	6470070	IMAGE RECONSTRUCTION USING MULTIPLE X-RAY PROJECTIONS
Cedara Software Corp.	6473488	THREE DIMENSIONAL IMAGE RECONSTRUCTION FROM SINGLE PLANE X-RAY FLUOROGRAMS
Requisite Software, Inc.	6484165	METHOD AND SYSTEM FOR DATABASE MANIPULATION
Requisite Software, Inc.	6578030	METHOD AND APPARATUS FOR MAPPING ONE CATALOG INTO ANOTHER CATALOG
Requisite Software, Inc.	6584462	SEQUENTIAL SUBSET CATALOG SEARCH ENGINE
Cedara Software Corp.	6587541	THREE DIMENSIONAL IMAGE RECONSTRUCTION FROM SINGLE PLANE X-RAY FLUOROGRAMS
Requisite Software, Inc.	6631365	METHOD AND APPARATUS FOR ANALYZING THE QUALITY OF THE CONTENT OF A DATABASE
Cedara Software Corp.	6661869	IMAGE RECONSTRUCTION USING MULTIPLE X-RAY PROJECTIONS

OWNER	PATENT NUMBER	DESCRIPTION
Merge Healthcare Solutions Inc.	6674880	CONVOLUTION FILTERING OF SIMILARITY DATA FOR VISUAL DISPLAY OF ENHANCED IMAGE
Merge Healthcare Solutions Inc.	6685678	DRUG DELIVERY AND MONITORING SYSTEM
Requisite Software, Inc.	6697799	AUTOMATED CLASSIFICATION OF ITEMS USING CASCADE SEARCHES
Cedara Software Corp.	6702751	METHOD AND SYSTEM FOR OPTIMALLY TIMING SCANS OF A SELECTED PART OF A PATIENT
Requisite Software, Inc.	6748376	METHOD AND SYSTEM FOR DATABASE MANIPULATION
Requisite Software, Inc.	6820082	RULE BASED DATABASE SECURITY SYSTEM AND METHOD
Requisite Software, Inc.	6871198	COMPOSING AND CATALOGING ITEM CONFIGURATION DATA
Merge Healthcare Solutions Inc.	6901277	METHODS FOR GENERATING A LUNG REPORT
Requisite Software, Inc.	6907424	SEQUENTIAL SUBSET CATALOG SEARCH ENGINE
Cedara Software Corp.	6995763	INTERACTIVE SCULPTING FOR VOLUMETRIC EXPLORATION AND FEATURE EXTRACTION
Merge Healthcare, Incorporated	7000186	METHOD AND STRUCTURE FOR ELECTRONICALLY TRANSMITTING A TEXT DOCUMENT AND LINKED INFORMATION
Cedara Software Corp.	7031505	PERSPECTIVE WITH SHEAR WARP
Requisite Software, Inc.	7039645	MANAGING CONTENT OF AN ELECTRONIC CATALOG BY COLLABORATION WITH ANOTHER ELECTRONIC CATALOG
Requisite Software, Inc.	7043492	AUTOMATED CLASSIFICATION OF ITEMS USING CLASSIFICATION MAPPINGS
Requisite Technology Inc.	7058644	PARALLEL TREE SEARCHES FOR MATCHING MULTILE HIERARCHICAL DATA STRUCTURES
Cedara Software Corp.	7065393	APPARATUS, SYSTEM AND METHOD OF CALIBRATING MEDICAL IMAGING SYSTEMS
<i>[No Assignment of Record]</i>	7072931	ACCREDITATION MAINTENANCE THROUGH REMOTE SITE MONITORING
Merge Healthcare Solutions Inc.	7074209	DRUG DELIVERY AND MONITORING SYSTEM

OWNER	PATENT NUMBER	DESCRIPTION
Merge Healthcare Incorporated	7106479	SYSTEMS AND METHODS FOR ENHANCING THE VIEWING OF MEDICAL IMAGES
Merge Healthcare Solutions Inc.	7115113	DRUG DELIVERY AND MONITORING SYSTEM
Cedara Software Corp.	7123766	METHOD AND SYSTEM FOR RECOGNIZING AND SELECTING A REGION OF INTEREST IN AN IMAGE
Merge Healthcare Solutions Inc.	7127090	METHODS AND SYSTEMS FOR COMBINING A PLURALITY OF RADIOGRAPHIC IMAGES
Merge Healthcare Solutions Inc.	7127096	METHOD AND SOFTWARE FOR IMPROVING CORONARY CALCIUM SCORING CONSISTENCY
Merge Healthcare Solutions Inc.	7130457	SYSTEMS AND GRAPHICAL USER INTERFACE FOR ANALYZING BODY IMAGES
Merge Healthcare Solutions Inc.	7142703	METHODS AND SOFTWARE FOR SELF-GATING A SET OF IMAGES
Merge Healthcare Solutions Inc.	7149331	METHODS AND SOFTWARE FOR IMPROVING THRESHOLDING OF CORONARY CALCIUM SCORING
Merge Healthcare Solutions Inc.	7155043	USER INTERFACE HAVING ANALYSIS STATUS INDICATORS
Ultravision Medical Systems Corporation	7170521	METHOD AND SYSTEM FOR STORING, COMMUNICATING AND DISPLAYING IMAGE DATA
Merge Healthcare Solutions Inc.	7209779	METHODS AND SOFTWARE FOR RETROSPECTIVELY GATING A SET OF IMAGES
Requisite Software, Inc.	7237187	INTERACTIVELY COMPARING RECORDS IN A DATABASE
Merge Healthcare Solutions Inc.	7251374	SYSTEM AND METHOD FOR HIERARCHICAL ANALYSIS OF CONTRAST ENHANCED MEDICAL IMAGING INFORMATION
Merge Healthcare Solutions Inc.	7260249	RULES-BASED APPROACH FOR PROCESSING MEDICAL IMAGES
Merge Healthcare Solutions Inc.	7409035	PHANTOM FOR IMPROVING CORONARY CALCIUM SCORING CONSISTENCY
Merge Healthcare Solutions Inc.	7426567	METHODS AND APPARATUS FOR STREAMING DICOM IMAGES THROUGH DATA ELEMENT SOURCES AND SINKS
Requisite Software, Inc.	7555490	TEXT-BASED SEARCHES OF NUMERIC DATA



OWNER	PATENT NUMBER	DESCRIPTION
Requisite Software, Inc.	7555503	METHOD AND APPARATUS FOR MANAGING UPDATES TO A CATALOG
Cedara Software Corporation	7596267	IMAGE REGION SEGMENTATION SYSTEM AND METHOD
Merge Healthcare Solutions Inc.	7650022	METHODS AND SYSTEMS FOR COMBINING A PLURALITY OF RADIOGRAPHIC IMAGES
Merge Healthcare Solutions Inc.	7650044	METHODS AND SYSTEMS FOR INTENSITY MATCHING OF A PLURALITY OF RADIOGRAPHIC IMAGES
Requisite Software, Inc.	7752238	METHOD AND APPARATUS FOR MAPPING ONE CATALOG INTO ANOTHER CATALOG
Merge Healthcare Incorporated	7756724	SYSTEM AND METHODS FOR REAL-TIME WORKLIST SERVICE
Merge Healthcare Solutions Inc.	7787927	SYSTEM AND METHOD FOR ADAPTIVE MEDICAL IMAGE REGISTRATION
Requisite Software, Inc.	7882156	SYSTEM AND METHOD FOR STORING ITEM ATTRIBUTES IN AN ELECTRONIC CATALOG
Merge Healthcare Incorporated	7965905	DEVICE, METHOD AND SYSTEM FOR AUTOMATIC MONTAGE OF SEGMENTED RETINAL IMAGES
Requisite Software, Inc.	7996428	TEXT-BASED SEARCHES OF NUMERIC DATA
Cedara Software Corp.	8036436	SYSTEM AND METHOD FOR SEGMENTING A REGION IN A MEDICAL IMAGE
Merge Healthcare Incorporated	8069060	SYSTEM AND METHOD FOR MANAGING MEDICAL FACILITY PROCEDURES AND RECORDS
Merge Healthcare Solutions Inc.	8107700	SYSTEM AND METHOD FOR EFFICIENT WORKFLOW IN READING MAGNETIC RESONANCE IMAGE DATA
Merge Healthcare Incorporated	8109635	INTEGRATED RETINAL IMAGER AND METHOD
Requisite Software, Inc.	8112461	SYSTEM AND METHOD FOR STORING ITEM ATTRIBUTES IN AN ELECTRONIC CATALOG
Merge Healthcare Incorporated	8126289	DEVICE, METHOD AND SYSTEM FOR AUTOMATIC MONTAGE OF SEGMENTED RETINAL IMAGES
Merge Healthcare Solutions Inc.	8150192	SYSTEM AND METHOD FOR FEATURE SCORE MAPPING AND VISUALIZATION OF MEDICAL IMAGES

OWNER	PATENT NUMBER	DESCRIPTION
Merge eClinical, Inc.	8244555	RULE MODEL FOR HEALTHCARE INFORMATION
Cedara Software Corp.	8270698	AC-PC SEGMENTATION SYSTEM AND METHOD
Merge Healthcare Solutions Inc.	D481121	SYRINGE LABEL CRADLE
Merge Healthcare Solutions Inc.	D485356	SYRINGE LABEL CRADLE
Merge Healthcare Solutions Inc.	RE38189	MEDICATION DELIVERY AND MONITORING SYSTEM AND METHODS
Cedara Software Corp.	8594444	METHOD AND SYSTEM FOR ENHANCING DIGITAL IMAGES
Merge Healthcare Incorporated	8621213	REMOTE CONTROL OF MEDICAL DEVICES USING INSTANT MESSAGING INFRASTRUCTURE
Merge Healthcare Incorporated	8526573	SYSTEMS AND METHODS FOR REMOTE DIAGNOSTIC IMAGING
Merge eClinical, Inc.	20110276605 (SN 13/081062)	TRANSACTIONAL STORAGE SYSTEM FOR HEALTHCARE INFORMATION
Merge Healthcare Solutions Inc.	7295693	METHODS AND SOFTWARE FOR SELF-GATING A SET OF IMAGES
Cedara Software Corp.	8218879	SYSTEM AND METHOD FOR SHUTTER DETECTION
Cedara Software Corp.	20120275679	SYSTEM AND METHOD FOR SHUTTER DETECTION
Merge Healthcare Solutions Inc.	5513101	RADIOLOGICAL IMAGE INTERPRETATION APPARATUS AND METHOD
Merge Healthcare Incorporated	6381029	SYSTEMS AND METHODS FOR REMOTE VIEWING OF PATIENT IMAGES
Merge Healthcare Incorporated	7180624	SYSTEMS AND METHODS FOR REMOTE VIEWING OF PATIENT IMAGES
Merge Healthcare Incorporated	7319540	SYSTEMS AND METHODS FOR REMOTE VIEWING OF PATIENT IMAGES
Merge Healthcare Incorporated	7564579	SYSTEMS AND METHODS FOR REMOTE VIEWING OF PATIENT IMAGES
Merge Healthcare Incorporated	8059297	SYSTEMS AND METHODS FOR REMOTE VIEWING OF PATIENT IMAGES
Merge Healthcare Incorporated	8109634	SNAPSHOT SPECTRAL IMAGING OF THE EYE
Requisite Software, Inc.	8676720	COLLABORATIVE METHOD FOR MANAGING ELECTRONIC CATALOGS

Applications:

OWNER	APPLICATION NUMBER	DESCRIPTION
Merge Healthcare Incorporated	13/305442	REMOTE CINE VIEWING OF MEDICAL IMAGES ON A ZERO- CLIENT APPLICATION
Cedara Software Corp.	13/618551	AC-PC SEGMENTATION SYSTEM AND METHOD

PATENT

RECORDED: 11/12/2018

REEL: 047477 FRAME: 0714