

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5700187

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the CONVEYING/RECEIVING PARTY CONVEYING PARTY: MERRICK RIS, LLC RECEIVING PARTY: CEDARA SOFTWARE CORP. previously recorded on Reel 049391 Frame 0973. Assignor(s) hereby confirms the CONVEYING PARTY: CEDARA SOFTWARE CORP. RECEIVING PARTY: MERRICK RIS, LLC.

## CONVEYING PARTY DATA

Name	Execution Date
MERRICK RIS, LLC	05/13/2019

## RECEIVING PARTY DATA

<b>Name:</b>	CEDARA SOFTWARE CORP.
<b>Street Address:</b>	6509 AIRPORT ROAD
<b>City:</b>	MISSISSAUGA
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	L4V 1S7

## PROPERTY NUMBERS Total: 29

Property Type	Number
Patent Number:	7237199
Patent Number:	7031505
Patent Number:	5959678
Patent Number:	5949491
Patent Number:	6256037
Patent Number:	6342889
Patent Number:	6702751
Patent Number:	6341174
Patent Number:	6995763
Patent Number:	7065393
Patent Number:	6470070
Patent Number:	6661869
Patent Number:	6473488
Patent Number:	6587541
Patent Number:	6697067
Patent Number:	7123766
Application Number:	11016878
Application Number:	10467445

PATENT

Property Type	Number
Application Number:	10788481
Application Number:	10767727
Application Number:	11240624
Application Number:	11281496
Application Number:	60701491
Application Number:	60739000
Application Number:	60826094
Application Number:	60828894
Application Number:	60875826
Application Number:	60945516
Application Number:	60983724

#### 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:** 6074295280

**Email:** jensmith@us.ibm.com

**Correspondent Name:** JENNIFER SMITH

**Address Line 1:** 1701 NORTH STREET

**Address Line 4:** ENDICOTT, NEW YORK 13760

**ATTORNEY DOCKET NUMBER:** MULTIPLE DOCKETS

**NAME OF SUBMITTER:** JENNIFER L. SMITH

**SIGNATURE:** /JENNIFER L. SMITH/

**DATE SIGNED:** 09/04/2019

**Total Attachments: 12**

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5558643

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
<del>CEDARA SOFTWARE CORP.</del> <u>MERRICK RIS, LLC</u>		<del>06/04/2005</del> <u>05/13/2019</u>
RECEIVING PARTY DATA		
Name:	<u>MERRICK RIS, LLC CEDARA SOFTWARE Corp.</u>	
Street Address:	<u>223 NORTH MICHIGAN AVENUE 6509 Airport Road</u>	
Internal Address:	<u>SUITE 230</u>	
City:	<u>CHICAGO MISSISSAUGA</u>	
State/Country:	<u>ILLINOIS CANADA</u>	
Postal Code:	<u>60601- L4V1S7</u>	
PROPERTY NUMBERS Total: 29		
Property Type	Number	
Patent Number:	7237199	
Patent Number:	7031505	
Patent Number:	5959678	
Patent Number:	5949491	
Patent Number:	6256037	
Patent Number:	6342889	
Patent Number:	6702751	
Patent Number:	6341174	
Patent Number:	6995763	
Patent Number:	7065393	
Patent Number:	6470070	
Patent Number:	6661869	
Patent Number:	6473488	
Patent Number:	6587541	
Patent Number:	6697067	
Patent Number:	7123766	
Application Number:	11016878	
Application Number:	10467445	
Application Number:	10788481	

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PATENT  
REEL: 049391 FRAME: 0973PATENT  
REEL: 050263 FRAME: 0806

Property Type	Number
Application Number:	10767727
Application Number:	11240624
Application Number:	11281496
Application Number:	60701491
Application Number:	60739000
Application Number:	60826094
Application Number:	60828894
Application Number:	60875826
Application Number:	60945516
Application Number:	60983724

#### 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: 6074295280

Email: jensmith@us.ibm.com

Correspondent Name: JENNIFER SMITH

Address Line 1: 1701 NORTH STREET

Address Line 4: ENDICOTT, NEW YORK 13760

ATTORNEY DOCKET NUMBER:	MULTIPLE DOCKETS
NAME OF SUBMITTER:	JENNIFER L. SMITH
SIGNATURE:	/JENNIFER L. SMITH/
DATE SIGNED:	06/06/2019

#### Total Attachments: 10

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PATENT  
REEL: 049391 FRAME: 0974

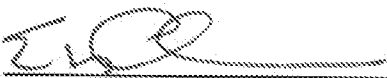
PATENT  
REEL: 050263 FRAME: 0807

## RELEASE OF SECURITY AGREEMENT COVERING INTERESTS IN PATENTS

Merrick RIS, LLC ("Secured Party"), hereby releases its security interest in the interest of Cedara Software Corp., an Ontario corporation ("Grantor"), in the patent works set forth in the certain Intellectual Property Security Agreement dated June 4, 2008 executed by Grantor in favor of Secured Party recorded with the United States Department of Commerce, Patent and Trademark Office on June 12, 2008, Reel 021085, Frames 0154-0162.

Date: May 13, 2019

Merrick RIS, LLC

By: 

Name: Edward W. Conway

Title: CHIEF FINANCIAL OFFICER

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Cedara Software Corp.	06/04/2008
<b>RECEIVING PARTY DATA</b>	
Name:	Merrick RIS, LLC
Street Address:	233 North Michigan Avenue, Suite 2330
City:	Chicago
State/Country:	ILLINOIS
Postal Code:	60601
<b>PROPERTY NUMBERS Total: 29</b>	
Property Type	Number
Patent Number:	7237199
Patent Number:	7031505
Patent Number:	5959678
Patent Number:	5949491
Patent Number:	6256037
Patent Number:	6342869
Patent Number:	6702751
Patent Number:	6341174
Patent Number:	6995763
Patent Number:	7065393
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Patent Number:	6473488
Patent Number:	6587541
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Patent Number:	7123766
Application Number:	11016878
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Application Number:	11281496
Application Number:	60701491
Application Number:	60739000
Application Number:	60826094
Application Number:	60828894
Application Number:	60875826
Application Number:	60945516
Application Number:	60983724

#### CORRESPONDENCE DATA

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Correspondent Name: BRIAN DAIGLE

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Address Line 4: Los Angeles, CALIFORNIA 90067

ATTORNEY DOCKET NUMBER:	79134-017
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NAME OF SUBMITTER:	BRIAN DAIGLE
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Total Attachments: 7

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## CANADIAN PATENT SECURITY AGREEMENT

THIS GRANT OF SECURITY INTEREST, dated as of June 4, 2008, is executed by Cedara Software Corp., an Ontario corporation (the "Grantor"), in favour of Merrick RIS, LLC, as the Secured Party (the "Secured Party").

A. Pursuant to that certain Securities Purchase Agreement, dated as of May 21, 2008, among inter alia, the Grantor, Merge Technologies Holdings Co., eFilm Medical Inc., Merge Cedara ExchangeCo Limited, Cedara Software Limited and the Secured Party, the Secured Party has agreed to purchase that certain Senior Secured Term Note due June 4, 2010 (or other date as set forth therein) in the original aggregate principal amount of \$15,000,000, as the same may be amended from time to time.

B. The Grantor owns the letters patent, and/or applications for letters patent, of the United States and certain foreign countries, more particularly described on Schedules 1-A and 1-B annexed hereto and made a part hereof (collectively, the "Patents").

C. The Grantor and other entities party thereto from time to time have entered into a Canadian Security Agreement (Intellectual Property) dated as of June 4, 2008 (as amended, restated, supplemented or otherwise modified from time to time, the "Canadian Security Agreement") in favour of the Secured Party.

D. Pursuant to the Canadian Security Agreement, the Grantor has assigned and granted to the Secured Party a security interest in all right, title and interest of the Grantor in and to the Patents, together with any reissue, continuation, continuation-in-part or extension thereof, and all proceeds thereof, including any and all causes of action which may exist by reason of infringement thereof (the "Collateral"), to secure the prompt payment, performance and observance of the Obligations, as defined in the Canadian Security Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the Grantor does hereby further assign, transfer and convey unto the Secured Party and grant to the Secured Party a security interest in the Collateral to secure the prompt payment, performance and observance of the Obligations.

The Grantor does hereby further acknowledge and affirm that the rights and remedies of the Secured Party with respect to the assignment of and security interest in the Collateral made and granted hereby are more fully set forth in the Canadian Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

The Secured Party's address is:

Merrick RIS, LLC  
233 North Michigan Avenue, Suite 2330  
Chicago, Illinois 60601



IN WITNESS WHEREOF, the Grantor has caused this Grant of Security Interest to be executed as of the day and year first above written.

**CEDARA SOFTWARE CORP.,**  
an Ontario corporation

By: *K. Bardin*  
Name: Kenneth D. Bardin  
Title: Chief Executive Officer

# SCHEDULE 1-A TO GRANT OF SECURITY INTEREST

## PATENTS

Title	Date Filed	Patent Number
Ultrasound Image Management System	08-29-1995	CA2157150
Architecture for an Application Framework	05-30-2000	US7237199
Perspective with Shear Warp	10-15-1999	US7031505
Ultrasound Image Management System	10-24-1995	US5959678
An Ultrasound Image Management System with Internet Capability	11-28-1997	US5949491
Method and System for Selecting at Least One Optimal View of a Three Dimensional Image	11-27-1998	US6256037
Method and System for Selecting at Least One Optimal View of a Three Dimensional Image	03-12-1999	US6342889
Method and System for Optimally Timing Scans of a Selected Part of a Patient	06-27-2001	US6702751
Selective Rendering Method and System for Rapid 3 Dimensional Imaging	03-12-1999	US6341174
Interactive Sculpting for Volumetric Exploration and Feature Extraction	07-23-2001	US6995763
Apparatus, system and method of calibrating medical imaging systems	07-11-2002	US7065393

Title	Date Filed	Patent Number
Image Reconstruction Using Multiple X-Ray Projections	12-20-2000	US6470070
Image Reconstruction Using Multiple X-Ray Projections	09-30-2002	US6661869
Three Dimensional Image Reconstruction from Single Plane X-ray Fluorograms	12-20-2000	US6473488
Three Dimensional Image Reconstruction from Single Plane X-ray Fluorograms	09-30-2002	US6587541
Method and System for Storing Information Regarding a Selected View of a Three-Dimensional Image Generated from a Multi-Frame Object	09-28-1999	US6697067
Method and System for Recognizing and Selecting a Region of Interest in an Image	02-11-2002	US7123766

## SCHEDULE 1-B TO GRANT OF SECURITY INTEREST

PATENT APPLICATIONS

Title	Jurisdiction	Application Date	Application No.
Architecture for an Application Framework	Canada	12-01-1998	2,311,743
Perspective with Shear Warp	Canada	12-15-1999	2,286,447
An Ultrasound Image Management System with Internet Capability	Canada	11-28-1997	2,222,740
Interactive Sculpting for Volumetric Exploration and Feature Extraction	Canada	01-22-1999	2,259,882
Apparatus, system and method of calibrating medical imaging systems	Canada	07-11-2002	2,393,101
Computer-Assisted Surgical Positioning Method and System	Canada	02-06-2001	2,437,585
Method and System for Storing Information Regarding a Selected View of a Three-Dimensional Image Generated from a Multi-Frame Object	Canada	09-28-2000	2,386,050
Method and System for Recognizing and Selecting a Region of Interest in an Image	Canada	02-11-2003	2,418,742
System And Method For Applying Active Appearance Models To Image Analysis	Canada	01-30-2004	2,554,814

CANADIAN PATENT SECURITY AGREEMENT

Title	Jurisdiction	Application Date	Application No.
Blood Vessel Structure Segmentation System and Method	Canada	10-03-2005	2,582,307
Computer Assisted System and Method for Minimal Invasive Hip, Uni Knee and Total Knee Replacement	United States	06-21-2002	11/016,878
Computer-Assisted Surgical Positioning Method and System	United States	02-06-2002	10/467,445
Image Region Segmentation System and Method	United States	02-28-2003	10/788,481
System And Method For Applying Active Appearance Models To Image Analysis	United States	01-30-2004	10/767,727
Blood Vessel Structure Segmentation System and Method	United States	10-01-2004	11/240,624
Image Archiving System and Method for Handling New and Legacy Archives	United States	11-18-2005	11/281,496
Implant Inventory Management System and Method Using Digital Image Planning	United States	07-22-2005	60/701,491
Method For Enhancing Digital Images	United States	11-23-2005	60/739,000
System and Method for shutter Detection	United States	09-19-2006	60/826094
System and method for prostate Segmentation in a medical image	United States	10-10-2006	60/828894
Clinical Trial Image Management Solution	United States	12-20-2006	60/875826

CANADIAN PATENT SECURITY AGREEMENT

## EXECUTION COPY

Title	Jurisdiction	Application Date	Application No.
Method and System for assessing a response to a treatment regimen	United States	06-21-2007	60/945,516
SYSTEM AND METHOD FOR IMAGE STITCHING	United States	10-30-2007	60/983,724

CANADIAN PATENT SECURITY AGREEMENT