

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM569539

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
iCAD, Inc.		03/30/2020	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	Western Alliance Bank		
Street Address:	55 Almaden Boulevard, Suite 100		
Internal Address:	Attn: Loan Operations		
City:	SAN JOSE		
State/Country:	CALIFORNIA		
Postal Code:	95113		
Entity Type:	Corporation: ARIZONA		
PROPERTY NUMBERS Total: 17			
Property Type	Number	Word Mark	
Serial Number:	88188301	PROFOUND AI	
Serial Number:	88188284	PROFOUND	
Serial Number:	86053004	TRUTH IN DETECTION	
Serial Number:	86155447	ICAD	
Serial Number:	85609648	POWERLOOK AMP	
Serial Number:	85760384	SMARTMARKS	
Serial Number:	78857812	IREVEAL	
Serial Number:	78844284	POWERLOOK	
Serial Number:	78596028	SECONDLOOK	
Serial Number:	78320191	M-VU	
Serial Number:	77567496	VERALOOK	
Serial Number:	77567471	VIVIDLOOK	
Serial Number:	77205065	NEVER STOP LOOKING	
Serial Number:	77357154	MAMMOADVANTAGE	
Serial Number:	76526236		
Serial Number:	76520886	ICAD	
Serial Number:	75351604	SECONDLOOK	

CH \$440.00 88188301

CORRESPONDENCE DATA**Fax Number:** 8586385130*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:** 619-699-2700**Email:** susan.reynholds@dlapiper.com**Correspondent Name:** DLA Piper LLP (US)**Address Line 1:** 401 B Street, Suite 1700**Address Line 4:** San Diego, CALIFORNIA 92101**NAME OF SUBMITTER:** Matt Schwartz**SIGNATURE:** /s/ Matt Schwartz**DATE SIGNED:** 03/30/2020**Total Attachments: 10**

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of March 30, 2020, (the "Agreement") between WESTERN ALLIANCE BANK, an Arizona corporation ("Lender") and ICAD, INC., a Delaware corporation, ("Grantor") is made with reference to the Loan and Security Agreement, dated as of the date hereof (as amended from time to time, the "Loan Agreement"), between Lender and Grantor, and the other parties thereto. Terms defined in the Loan Agreement have the same meaning when used in this Agreement.

For good and valuable consideration, receipt of which is hereby acknowledged, Grantor hereby covenants and agrees as follows:

To secure the Obligations under the Loan Agreement, Grantor grants to Lender a security interest in all right, title, and interest of Grantor in any of the following, whether now existing or hereafter acquired or created in any and all of the following property (collectively, the "Intellectual Property Collateral"):

(a) copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held (collectively, the "Copyrights"), including the Copyrights described in Exhibit A;

(b) trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Borrower connected with and symbolized by such trademarks (collectively, the "Trademarks"), including the Trademarks described in Exhibit B;

(c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the "Patents"), including the Patents described in Exhibit C;

(d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the "Mask Works");

(e) trade secrets, and any and all intellectual property rights in computer software and computer software products;

(f) design rights;

(g) claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

The rights and remedies of Lender with respect to the security interests granted hereunder are in addition to those set forth in the Loan Agreement, and those which are now or hereafter available to Lender as a matter of law or equity. Each right, power and remedy of Lender provided for herein or in the Loan Agreement, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein, and the exercise by Lender of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Lender of any other rights, powers or remedies.

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IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

GRANTOR:

ICAD, INC., a Delaware corporation

By: 

Name: Michael Klein

Title: CEO

Address for Notices:

Attn: Scott Areglado
98 Spit Brook Road, Suite 100
Nashua, NH 03062

LENDER:

WESTERN ALLIANCE BANK, an Arizona corporation

By: _____

Name: _____

Title: _____

Address for Notices:

Attn:
55 Almaden Blvd. Ste. 100
San Jose, CA 95113
Tel: (408) 423-8500
Fax: (408) 423-8520

[Signature Page to Intellectual Property Security Agreement]

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

GRANTOR:

ICAD, INC., a Delaware corporation

By: _____

Name: _____

Title: _____

Address for Notices:

Attn: Scott Areglado
98 Spit Brook Road, Suite 100
Nashua, NH 03062

LENDER:

WESTERN ALLIANCE BANK, an Arizona corporation

By: Bill Wickline

Name: Bill Wickline

Title: Senior Director Commercial Banking

Address for Notices:

Attn:
55 Almaden Blvd. Ste. 100
San Jose, CA 95113
Tel: (408) 423-8500
Fax: (408) 423-8520

[Signature Page to Intellectual Property Security Agreement]

EXHIBIT A
COPYRIGHTS

Please Check if No Copyrights Exist

<u>Type of Work:</u>	<u>Title:</u>	<u>International Standard Serial Number (ISSN):</u>	<u>Registration Number:</u>	<u>Filing Date:</u>	<u>Preregistered?</u>

Exhibit B
TRADEMARKS

Please Check if No Trademarks Exist

<u>Mark / Title:</u>	<u>U.S. Serial Number:</u>	<u>U.S. Registration Number:</u>	<u>UPTO Reference Number:</u>	<u>Filing Date:</u>
PROFOUND AI	88188301			11/09/18
PROFOUND	88188284			11/09/18
TRUTH IN DETECTION	86053004	4615013		08/30/13
ICAD	86155447	4588093		12/31/13
POWERLOOK AMP	85609648	4318757		04/26/12
SMARTMARKS	85760384	4877884		10/22/12
IREVEAL	78857812	3357728		04/10/06
POWERLOOK	78844284	3222196		03/23/06
SECONDLOOK	78596028	3188122		03/28/05
M-VU	78320191	3136504		10/29/03
VERALOOK	77567496	3934846		09/11/08
VIVIDLOOK	77567471	3723434		09/11/08
NEVER STOP LOOKING	77205065	3481767		06/13/07
MAMMOADVANTAGE	77357154	3677265		12/20/07
[DESIGN ONLY]	76526236	2950954		06/27/03
ICAD	76520886	2922060		06/05/03
SECONDLOOK	75351604	2353996		09/04/97

EXHIBIT C

PATENTS

Please Check if No Patents Exist

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
Automated method for tissue-based contrast media arrival detection for dynamic contrast enhanced MRI	10055836		Issued	08/21/18
Obtaining breast density measurements and classifications	1037623		Issued	08/13/19
Lung segmentation and bone suppression techniques for radiographic images	10445855		Issued	10/15/19
Method and system for automated detection of clustered microcalcifications from digital mammograms	5999639		Issued	12/07/99
Method and system for segmenting desired regions in digital mammograms	6091841		Issued	07/18/00
Method and system for combining automated detections from digital mammograms with observed detections of a human interpreter	6115488		Issued	09/05/00
Method and system for automated detection of clustered microcalcifications from digital mammograms,	6137898		Issued	10/24/00
Optimal parameter selection for the detection of clustered microcalcifications in digital mammograms	6205236		Issued	03/20/01
Joint optimization of parameters for the detection of clustered microcalcifications in digital mammograms	6389157		Issued	05/14/02
Method for combining automated detections from medical images with observed detections of a human interpreter	6556699		Issued	04/29/03
Method for combining automated detections from medical images with observed detections of a human interpreter	6650766		Issued	11/18/03
Method for determining features from detections in a digital image using a bauer-fisher ratio	6757415		Issued	06/29/04
Method for analyzing detections in a set of digital images using case based normalcy classification	6763128		Issued	07/13/04

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
Message and user attributes in a message filtering method and system	6778941		Issued	08/17/04
Computer aided detection of masses and clustered microcalcifications with single and multiple input image context classification strategies	6801645		Issued	10/05/04
Digitizer with improved dynamic range and photometric resolution	6914701		Issued	7/5/05
Scanning system for identifying and labeling x-rays	6980680		Issued	12/27/05
Use of computer-aided detection system outputs in clinical practice	6970587		Issued	11/29/05
Method and system for remote monitoring of processing status in computer-aided detection systems	7015808		Issued	03/21/06
Computer-aided detection methods in volumetric imagery	7236620		Issued	06/26/07
Billing support in a high throughput computer-aided detection environment	7236986		Issued	06/26/07
Information fusion with bayes networks in computer-aided detection systems	7298877		Issued	11/20/07
Use of computer-aided detection system outputs in clinical practice,	7308126		Issued	12/11/07
Multiple image fusion	7333645		Issued	02/19/08
Error handling in a high throughput computer-aided detection environment	7352886		Issued	04/01/08
Shape estimates and temporal registration of lesions and nodules	7486812		Issued	02/03/09
Automated lesion characterization	7660448		Issued	02/09/10
Forming three dimensional objects using a decision rule in medical image data	7672496		Issued	03/02/10
Automated lesion characterization	7787682		Issued	8/31/10
Automated methods for pre-selection of voxels and implementation of pharmacokinetic and parametric analysis for dynamic contrast enhanced MRI and CT	7903853		Issued	03/08/11
Computer-aided detection and display of colonic residue in medical imagery of the colon	8131036		Issued	03/06/12
Computer-aided detection and classification of suspicious masses in breast imagery	8175351		Issued	05/08/12

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
Computer-aided detection and classification of suspicious masses in breast imagery	8687867		Issued	4/1/14
Systems and methods for identifying suspicious anomalies using information from a plurality of images of an anatomical colon under study	8213700		Issued	07/03/12
Method for tracking of contrast enhancement pattern for pharmacokinetic and parametric analysis in fast-enhancing tissues using high-resolution MRI	8275181		Issued	09/25/12
Systems, computer-readable media, methods, and medical imaging apparatus for the automated detection of suspicious regions of interests in noise normalized x-ray medical imagery	8340388		Issued	12/25/12;
Systems and methods for generating fused medical images from multi-parametric, magnetic resonance image data	8472684		Issued	06/25/13
Computer-aided detection of regions of interest in tomographic breast imagery	8634622		Issued	01/21/14
Breast segmentation in radiographic images	8675933		Issued	03/18/14
Breast skin line detection in radiographic images	8675934		Issued	03/18/14
System, method, and computer-readable medium for interpolating spatially transformed volumetric medical image data	8805122		Issued	08/12/14
Automated method for contrast media arrival detection for dynamic contrast enhanced MRI	8848998		Issued	09/30/14
Microcalcification detection classification in radiographic images	8855388		Issued	10/07/14
Spiculated malignant mass detection and classification in radiographic image	8923594		Issued	12/30/14
Spiculated malignant mass detection and classification in a radiographic image	8958625		Issued	02/17/15
System and method for improving workflow efficiencies in reading tomosynthesis medical image data	8983156		Issued	03/17/15
Probability density function estimation	9076197		Issued	07/07/15
Marketing system for computer-aided detection of breasts	9256799		Issued	02/09/16

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
abnormalities				
Microcalcification detection and classification in radiographic images	9256941		Issued	02/09/16
Malignant mass detection and classification in radiographic images	9262822		Issued	02/16/16
Organ localization in biomedical image data using gradient fields cross-correlation	9311705		Issued	04/12/16
Method and system of tracking medical films and associated digital images for computer-aided and diagnostic analysis		10292514		11/13/02
System and method for storing and retrieving medical images and records		10432735		11/20/03
Automated computer-assisted diagnosis apparatus		10876265		06/24/04
Image property translator		10976602		10/29/04
Interruption of batch processing for high priority processing		10993190		11/19/04
Attribute based image enhancement and display for medical imaging applications		11414842		05/01/06
Application server for processing medical image data		11414958		05/01/06
Considerations when colon segmentation differs between CAD processing and visualization		11451719		06/13/06
Processing and presentation of electronic subtraction for tagged colonic fluid and rectal tube in computed colonography		11496351		07/31/06
Optimized user interactions using archived data in medical applications		11500027		08/07/06
Computer-Assisted analysis of colonic polyps by morphology in medical images		12357545		01/22/09
Computer-Aided detection of folds in medical imagery of the colon		12362111		01/29/09
Systems, computer-readable media, and methods for classifying and displaying breast density		12533952		07/31/09
Systems, computer-readable media, and methods for the classification of anomalies in virtual colonography medical image processing		12711759		02/24/10

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
Planning a radiation treatment		12916408		10/29/10
Creating a radiation treatment plan		12916468		10/29/10
Routing a remote treatment plan request		12916473		10/29/10
Microcalcification detection classification in radiographic images	8855388		Issued	10/07/14
Probability Density Function Estimation	9076197		Issued	07/07/15
Malignant mass detection and classification in radiographic images	9262822		Issued	02/16/16
Spiculated malignant mass detection and classification in radiographic image	8923594		Issued	12/30/14
Marking system for computer-aided detection of breast abnormalities	9256799		Issued	02/09/16
System and method for digital breast tomosynthesis		15269922		09/19/16