

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6480095

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
CIANNA MEDICAL, INC.	12/18/2020

RECEIVING PARTY DATA

Name:	WELLS FARGO BANK, NATIONAL ASSOCIATION, AS ADMINISTRATIVE AGENT
Street Address:	1525 WEST W.T. HARRIS BLVD.
Internal Address:	MAC D1109-019
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28262

PROPERTY NUMBERS Total: 35

Property Type	Number
Patent Number:	7601113
Patent Number:	8323171
Patent Number:	8795145
Patent Number:	7736292
Patent Number:	7862496
Patent Number:	8858415
Patent Number:	7887476
Patent Number:	9072893
Patent Number:	7862498
Patent Number:	8771161
Patent Number:	8517907
Patent Number:	8636635
Patent Number:	8475353
Patent Number:	9883919
Patent Number:	8814775
Patent Number:	9067063
Patent Number:	8892185
Patent Number:	9386942
Patent Number:	9713437

PATENT

Property Type	Number
Application Number:	12982823
Application Number:	16049635
Application Number:	14079547
Application Number:	15206730
Application Number:	15658275
Application Number:	14934019
Application Number:	15446944
Application Number:	16152289
Application Number:	15481431
Application Number:	15928085
Application Number:	15993559
Application Number:	16124053
Application Number:	16708286
Application Number:	62931059
Application Number:	16841417
Application Number:	16917570

CORRESPONDENCE DATA

Fax Number: (704)373-8822

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: 7043734640

Email: bsmith@mcguirewoods.com

Correspondent Name: BETTY SMITH, SENIOR PARALEGAL

Address Line 1: MCGUIREWOODS LLP, 201 N. TRYON STREET

Address Line 2: SUITE 3000

Address Line 4: CHARLOTTE, NORTH CAROLINA 28202

ATTORNEY DOCKET NUMBER:	2029724-0503
NAME OF SUBMITTER:	BETTY G. SMITH
SIGNATURE:	/Betty G. Smith/
DATE SIGNED:	01/05/2021

Total Attachments: 5

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PATENT SECURITY AGREEMENT

THIS PATENT SECURITY AGREEMENT (this "Agreement") dated as of December 18, 2020 is entered into by and between CIANNA MEDICAL, INC., a Delaware corporation (the "Grantor"), having its chief executive office at 1600 West Merit Parkway, South Jordan, Utah 84095, WELLS FARGO BANK, NATIONAL ASSOCIATION, as administrative agent (the "Administrative Agent"), with offices at 1525 West W.T. Harris Blvd., MAC D1109-019, Charlotte, North Carolina 28262, for the benefit of the banks and other financial institutions (the "Lenders") from time to time parties to that certain Third Amended and Restated Credit Agreement, dated as of July 31, 2019 (as amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement") by and among Merit Medical Systems, Inc. (the "Borrower"), the Lenders and the Administrative Agent.

This Agreement is executed pursuant to the terms of that certain Second Amended and Restated Collateral Agreement dated as of July 31, 2019 by and among the Borrower, certain Subsidiaries of the Borrower party thereto and the Administrative Agent (as amended, restated, supplemented or otherwise modified from time to time, the "Collateral Agreement"). Capitalized terms used herein but not defined herein shall have the meaning assigned to them in the Collateral Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, the Grantor hereby grants to the Administrative Agent, a continuing security interest in all of the Grantor's right, title and interest in, to and under the following, whether presently existing or hereafter arising or acquired:

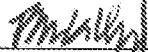
- (i) each Patent and all of the goodwill of the business connected with the use of, and symbolized by, each Patent of the Grantor, including, without limitation, each Patent described on Schedule A;
- (ii) each Patent License;
- (ii) all claims by the Grantor against third parties for (a) past, present or future infringement or dilution of any Patent, including, without limitation, any Patent described on Schedule A or under any Patent License, (b) injury to the goodwill associated with any Patent or Patent License or (c) breach or enforcement of any Patent License; and
- (iv) all products and proceeds of the foregoing.

The rights and remedies of the Administrative Agent with respect to the security interest granted herein are without prejudice to, and are in addition to, those set forth in the Collateral Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Agreement are deemed to conflict with the Collateral Agreement, the provisions of the Collateral Agreement shall govern.

[SIGNATURE PAGES FOLLOW]

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of day and year first written above.

CIANNA MEDICAL, INC., as Grantor

By: 
Name: MARK A. LIND
Title: President

Merit Medical Systems, Inc.
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PATENT
REEL: 054813 FRAME: 0664

Agreed and Accepted as of the
day and year first written above.

WELLS FARGO BANK, NATIONAL ASSOCIATION,
as Administrative Agent

By: Sara Barton
Name: Sara Barton
Title: Vice President

Merit Medical Systems, Inc.
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PATENT
REEL: 054813 FRAME: 0665

Schedule A
to
Patent Security Agreement

Patents

PATENTS:

Patent No.	Application No.	Filing Date	Issue Date	Title	Grantor
7601113	10/658518	9/9/03	10/13/09	Brachytherapy Apparatus and Method of Using Same	Cianna Medical, Inc.
8323171	11/867625	10/4/07	12/4/12	Brachytherapy Apparatus and Method of Using Same	Cianna Medical, Inc.
8795145	12/437534	5/21/09	8/4/15	Brachytherapy Apparatus and Method of Using Same	Cianna Medical, Inc.
7736292	11/554731	10/31/06	6/15/10	Brachytherapy Apparatus and Method of Using Same	Cianna Medical, Inc.
7862496	11/276851	3/16/10	1/4/11	Brachytherapy Apparatus and Method of Using Same	Cianna Medical, Inc.
8858415	12/764892	4/21/10	10/14/14	Brachytherapy Apparatus and Method of Using Same	Cianna Medical, Inc.
	12/982823	12/30/10		Brachytherapy Apparatus and Method of Using Same	Cianna Medical, Inc.
	16/049635	7/30/18		Brachytherapy Apparatus and Method of Using Same	Cianna Medical, Inc.
7887476	11/557747	11/8/06	2/15/11	Helical Brachytherapy Apparatus and Methods of Use Same	Cianna Medical, Inc.
9072893	11/757231	6/1/07	7/7/15	Expandable Brachytherapy Apparatus and Methods for Using Them	Cianna Medical, Inc.
7862498	11/868483	10/6/07	1/4/11	Expandable Brachytherapy Apparatus and Methods for Using Them	Cianna Medical, Inc.
8771161	12/642626	12/18/09	7/8/14	Expandable Brachytherapy Apparatus and Methods for Using Them	Cianna Medical, Inc.
8517907	12/277286	11/24/08	8/27/13	Expandable Brachytherapy Apparatus and Methods for Using Them	Cianna Medical, Inc.
8636635	12/543469	8/18/09	1/28/14	Expandable Brachytherapy Apparatus and Methods for Using Them	Cianna Medical, Inc.
8475353	12/543463	8/18/09	7/2/13	Expandable Brachytherapy Apparatus and Methods for Using Them	Cianna Medical, Inc.
9883919	12/841111	7/21/10	2/6/18	Brachytherapy Apparatus, Systems, and Methods for Using Them	Cianna Medical, Inc.
8814775	12/727209	3/18/10	8/26/14	SAVI Helix	Cianna Medical, Inc.
9067063	12/939121	11/3/10	6/30/15	Brachytherapy Apparatus, Systems, and Methods for Using Them	Cianna Medical, Inc.
8892185	12/824139	6/25/10	11/18/14	Apparatus and Methods for Localizing Markers or Tissue Structures Within a Body	Cianna Medical, Inc.

Patent No.	Application No.	Filing Date	Issue Date	Title	Grantor
	14/079547	11/13/13		Apparatus and Methods for Localizing Markers or Tissue Structures Within a Body	Cianna Medical, Inc.
9386942	13/053197	3/21/11	7/12/16	Apparatus and Methods for Localizing Markers or Tissue Structures Within a Body	Cianna Medical, Inc.
	15/206730	7/11/16		Apparatus and Methods for Localizing Markers or Tissue Structures Within a Body	Cianna Medical, Inc.
9713437	14/165253	1/27/14	7/25/17	Microwave Antenna Apparatus, Systems, and Methods for Localizing Markers or Tissue Structures Within a Body	Cianna Medical, Inc.
	15/658275	7/24/17		Microwave Antenna Apparatus, Systems, and Methods for Localizing Markers or Tissue Structures Within a Body	Cianna Medical, Inc.
	14/934019	11/5/15		ESD-Optical Marker	Cianna Medical, Inc.
	15/446944	3/1/17		Implantable Markers, and Systems and Methods for Using Them	Cianna Medical, Inc.
	16/152289	10/4/18		Impedance Detection	Cianna Medical, Inc.
	15/481431	4/6/17		Reflector Markers and Systems and Methods for Identifying and Locating Them	Cianna Medical, Inc.
	15/928085	3/21/18		Reflector Markers and Systems and Methods for Identifying and Locating Them	Cianna Medical, Inc.
	15/993559	5/30/18		RFID Markers and Systems and Methods for Locating and Identifying Them	Cianna Medical, Inc.
	16/124053	9/6/18		Systems and Methods for Identifying and Locating Reflectors Using Orthogonal Sequences of Reflector Switching	Cianna Medical, Inc.
	16/708286	12/9/19		Reflector Markers And Systems And Methods For Identifying And Locating Them	Cianna Medical, Inc.
	62/931059	11/5/19		Systems And Methods For Imaging A Body Region Using Implanted Markers	Cianna Medical, Inc.
	16/841417	4/6/20		Passive Tags, And Systems And Methods For Using Them	Cianna Medical, Inc.
	16/917570	6/30/20		SYSTEMS AND METHODS FOR LOCALIZING MARKERS WITHIN A BODY	Cianna Medical, Inc.