

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM624736

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SUPPLEMENT TO INTELLECTUAL PROPERTY SECURITY AGREEMENTS		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
ATRICURE, INC.		04/29/2020	Corporation: DELAWARE
ATRICURE, LLC		04/29/2020	Limited Liability Company: DELAWARE
ENDOSCOPIC TECHNOLOGIES, LLC		04/29/2020	Limited Liability Company: DELAWARE
nCONTACT SURGICAL, LLC		04/29/2020	Limited Liability Company: DELAWARE
SENTEHEART, LLC		04/29/2020	Limited Liability Company: DELAWARE
RECEIVING PARTY DATA			
Name:	SILICON VALLEY BANK		
Street Address:	3003 Tasman Drive, HF 150		
City:	Santa Clara		
State/Country:	CALIFORNIA		
Postal Code:	95054		
Entity Type:	Corporation: CALIFORNIA		
PROPERTY NUMBERS Total: 4			
Property Type	Number	Word Mark	
Serial Number:	88607514	QPATH	
Serial Number:	88533472	ACT AGAINST AFIB	
Serial Number:	88503952	ENCOMPASS	
Serial Number:	88504031	ISOLATOR SYNERGY ENCOMPASS	
CORRESPONDENCE DATA			
Fax Number:			
<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:	800-494-5225		
Email:	ipteam@cogencyglobal.com		
Correspondent Name:	Stewart Walsh		
Address Line 1:	1025 Vermont Ave NW, Suite 1130		

OP \$115.00 88607514

Address Line 2: COGENCY GLOBAL Inc.
Address Line 4: Washington, D.C. 20005

ATTORNEY DOCKET NUMBER: 1324548 TM

NAME OF SUBMITTER: Alicia Vellante

SIGNATURE: /Alicia Vellante/

DATE SIGNED: 02/05/2021

Total Attachments: 8

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SUPPLEMENT TO INTELLECTUAL PROPERTY SECURITY AGREEMENTS

This Supplement to Intellectual Property Security Agreements (this “*Supplement*”) is made as of April 29, 2020 by and among (i) **SILICON VALLEY BANK** (“**Agent**”) and (ii) **ATRICURE, INC.**, a Delaware corporation with its chief executive office located at 7555 Innovation Way, Mason, Ohio 45040 (“**Atricure**”), (iii) **ATRICURE, LLC**, a Delaware limited liability company (“**Atricure LLC**”), (iv) **ENDOSCOPIC TECHNOLOGIES, LLC**, a Delaware limited liability company (“**Endoscopic**”), (v) **nCONTACT SURGICAL, LLC**, a Delaware limited liability company (“**nContact**”), and (vi) **SENTREHEART, LLC** a Delaware limited liability company, successor by merger with SentreHEART, Inc. (“**SentreHEART**” and, together with Atricure, Atricure LLC and Endoscopic, individually and collectively, jointly and severally, the “**Grantor**”).

WHEREAS, Atricure, Atricure LLC, Endoscopic and nContact executed and delivered an Intellectual Property Security Agreement dated February 23, 2018 (as amended of record and supplemented from time to time hereinafter, the “**Joint IP Agreement**”) in favor of the Agent, pursuant to which Atricure, Atricure LLC, Endoscopic and nContact collectively pledged, assigned and granted a security interest in certain Intellectual Property Collateral, which was submitted to the U.S. Patent and Trademark Office for recording on December 18, 2018 and thereafter supplemented by that certain Supplement to Intellectual Property Security Agreement dated as of December 28, 2018.

WHEREAS, SentreHEART executed and delivered an Intellectual Property Security Agreement dated December 27, 2019 (as amended of record and supplemented from time to time hereinafter, the “**SentreHEART IP Agreement**” and, together with the Joint IP Agreement, the “**IP Agreements**”) in favor of the Agent, pursuant to which SentreHEART pledged, assigned and granted a security interest in certain Intellectual Property Collateral.

WHEREAS, the Grantor has developed additional patents and additional trademarks, and desires to hereby confirm the pledge of, and the grant of a security interest in, such additional patents and trademarks in favor of Agent.

NOW, THEREFORE, in consideration of the mutual covenants herein contained and benefits to be derived herefrom, it is hereby agreed as follows:

1. Definitions. All capitalized terms herein and not otherwise defined shall have the same meaning herein as in the IP Agreements.
2. Supplements to Exhibit B.
 - a. Exhibit B to the Joint IP Agreement is hereby supplemented, but not replaced, by Exhibit B-1 annexed hereto.
 - b. Exhibit B to the SentreHEART IP Agreement is hereby supplemented, but not replaced, by Exhibit B-2 annexed hereto.
3. Supplements to Exhibit C. Exhibit C to the Joint IP Agreement is hereby supplemented, but not replaced, by Exhibit C annexed hereto.

4. Miscellaneous:

- a. Except as provided herein, all terms and conditions of the IP Agreements remain in full force and effect. The Grantor hereby ratifies, confirms and reaffirms all of the representations, warranties and covenants contained therein.
- b. This Supplement covers the entire understanding of the parties with respect to the matters set forth herein and supersedes all prior discussions and negotiations hereon.

[Signature page follows]

IN WITNESS WHEREOF, the undersigned has executed this Supplement as of the date first written above.

GRANTOR:

Address of Grantor:

c/o AtriCure, Inc.
7555 Innovation Way
Mason, Ohio 45040
Attn: M. Andrew Wade
Fax: (513) 644-1315
Email: awade@atricure.com

ATRICURE, INC.

By: M. Andrew Wade
Name: M. Andrew Wade
Title: Chief Financial Officer

ATRICURE, LLC

By: M. Andrew Wade
Name: M. Andrew Wade
Title: Chief Financial Officer

ENDOSCOPIC TECHNOLOGIES, LLC

By: M. Andrew Wade
Name: M. Andrew Wade
Title: Chief Financial Officer

nCONTACT SURGICAL, LLC

By: M. Andrew Wade
Name: M. Andrew Wade
Title: Chief Financial Officer

SENTREHEART LLC

By: M. Andrew Wade
Name: M. Andrew Wade
Title: Chief Financial Officer

EXHIBIT B-1

Country Name	Title	Serial #	Filed Date	Patent #	Issue Date	Status
UNITED STATES	SURGICAL TOOL (Pro2)	16/829,998	3/25/2020			PENDING
UNITED STATES	SUBXYPHOID EPICARDIAL ABLATION	16/802,328	2/26/2020			PENDING
UNITED STATES	IMPROVED RF ABLATION DEVICE	16/750,988	1/23/2020			PENDING
UNITED STATES	LEFT ATRIAL APPENDAGE MANIPULATION AND TRACTION	16/751,150	1/23/2020			PENDING
WIPO	IMPROVED RF ABLATION DEVICE	PCT/US2020/014804	1/23/2020			PENDING
UNITED STATES	CLIP APPLICATION SYSTEM AND METHOD	16/740,084	1/10/2020			PENDING
UNITED STATES	SURGICAL CLAMP	16/736,694	1/7/2020			PENDING
WIPO	BOX CLAMP AND GUIDE SYSTEM	PCT/US2020/12622	1/7/2020			PENDING
UNITED STATES	VISUALIZATION AND SPACEMAKING DEVICES	16/709,289	12/10/2019			PENDING
UNITED STATES	LEFT ATRIAL APPENDAGE DEVICES AND METHODS	16/702,150	12/3/2019			PUBLISHED
UNITED STATES	DIAPHRAGM ENTRY FOR POSTERIOR SURGICAL ACCESS	16/582,593	9/25/2019			PENDING
UNITED STATES	SURGICAL CLAMP	16/582,564	9/25/2019			PUBLISHED
UNITED STATES	CRYOPROBE	16/569,777	9/13/2019			PUBLISHED
WIPO	CRYOPROBE	PCT/US2019/050941	9/13/2019			PUBLISHED
UNITED STATES	SURGICAL DEVICE	16/554,267	8/28/2019			PUBLISHED
UNITED STATES	APPENDAGE CLAMP DEPLOYMENT ASSIST DEVICE	16/536,936	8/9/2019			PUBLISHED
UNITED STATES	VACUUM COAGULATION PROBES	16/532,088	8/5/2019			PUBLISHED
UNITED STATES	CRYOGENIC SURGICAL	16/515,233	7/18/2019			PUBLISHED

	SYSTEMS					
WIPO	CRYOGENIC SURGICAL SYSTEMS	PCT/US2019/042329	7/18/2019			PUBLISHED
UNITED STATES	ADJUSTABLE CLAMP SYSTEMS AND METHODS	16/514,783	7/17/2019			PUBLISHED
UNITED STATES	DIAPHRAGM ENTRY FOR POSTERIOR SURGICAL ACCESS	16/514,725	7/17/2019			PUBLISHED
UNITED STATES	PERICARDIAL ACCESS	16/506,038	7/9/2019			PENDING
WIPO	PERICARDIAL ACCESS	PCT/US2019/040949	7/9/2019			PUBLISHED
UNITED STATES	VACUUM COAGULATION PROBES	16/505,454	7/8/2019			PUBLISHED
UNITED STATES	DYE DELIVERY PATCH	62/845,313	5/8/2019			PENDING
UNITED STATES	PERICARDIAL SPACE-MAKING DEVICE	62/844,734	5/7/2019			PENDING
UNITED STATES	PERICARDIAL DEVICES, SYSTEMS AND METHODS FOR OCCLUDING AN ATRIAL APPENDAGE	16/368,229	3/28/2019			PUBLISHED
UNITED STATES	CLIP DEPLOYMENT TOOL AND ASSOCIATED METHODS	16/363,085	3/25/2019			PUBLISHED
UNITED STATES	STABILIZED ABLATION SYSTEMS AND METHODS	16/286,173	2/26/2019			PUBLISHED
UNITED STATES	ROBOTIC ASSISTED CLIP APPLIER	16/272,348	2/11/2019			PUBLISHED
UNITED STATES	INFLATABLE ATRIAL APPENDAGE OCCLUSION APPARATUS AND METHODS	16/246,465	1/12/2019			PUBLISHED
WIPO	DEVICE AND ACCESSORIES FOR A PERCUTANEOUS ENDOSCOPIC ACCESS AND ABLATION SYSTEMS	PCT/US2019/013074	1/10/2019			PUBLISHED
JAPAN	OCCLUSION CLIP	2019-183	1/4/2019			PENDING

UNITED STATES	CRYOPAD	16/205,036	11/29/2018			PUBLISHED
WIPO	CLIP APPLIER	PCT/US2018/060955	11/14/2018			PUBLISHED
UNITED STATES	ABLATION SYSTEM, CLAMP AND METHOD OF USE	15/897,514	2/15/2018			PUBLISHED

EXHIBIT B-2

Country Name	Title	Serial #	Filed Date	Patent #	Issue Date	Status
UNITED STATES	APPARATUS AND METHOD FOR THE LIGATION OF TISSUE	16/439,578	6/12/2019			PUBLISHED
UNITED STATES	DEVICES AND METHODS FOR LEFT ATRIAL APPENDAGE CLOSURE	16/367,021	3/27/2019			PUBLISHED
PCT	DEVICES AND METHODS FOR LEFT ATRIAL APPENDAGE CLOSURE	PCT/US2019/024413	3/27/2019			PUBLISHED
UNITED STATES	DEVICES AND METHODS FOR LEFT ATRIAL APPENDAGE CLOSURE	16/375,660	4/4/2019			PUBLISHED
HONG KONG	DEVICES AND METHODS FOR LEFT ATRIAL APPENDAGE CLOSURE	19124052.2	2/24/2017			PUBLISHED

EXHIBIT C

Country	Mark	Application #	File Date	Registration #	Registration Date	Status	Owner Name
UNITED STATES	QPATH	88/607,514	9/6/2019			ALLOWED	AtriCure, Inc.
UNITED STATES	ACT AGAINST AFIB	88/533,472	7/24/2019			PUBLISHED	AtriCure, Inc.
UNITED STATES	ENCOMPASS	88/503,952	7/8/2019			ALLOWED	AtriCure, Inc.
UNITED STATES	ISOLATOR SYNERGY ENCOMPASS	88/504,031	7/8/2019			ALLOWED	AtriCure, Inc.