

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4210448

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NCONTACT SURGICAL, LLC	03/08/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ATRICURE, INC.
<b>Street Address:</b>	7555 INNOVATION WAY
<b>City:</b>	MASON
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	45040
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15335296
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)284-2180
<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>	
<b>Phone:</b>	(650) 242-4210
<b>Email:</b>	Patent@LBHIP.com
<b>Correspondent Name:</b>	LEVINE BAGADE HAN LLP
<b>Address Line 1:</b>	2400 GENG ROAD, SUITE 120
<b>Address Line 4:</b>	PALO ALTO, CALIFORNIA 94303
<b>ATTORNEY DOCKET NUMBER:</b>	ATRC-N-Z001.03-US (3/3)
<b>NAME OF SUBMITTER:</b>	SANJAY S. BAGADE
<b>SIGNATURE:</b>	/Sanjay S. Bagade/
<b>DATE SIGNED:</b>	01/04/2017
<b>Total Attachments: 5</b>	
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**ASSIGNMENT**

WHEREAS, nContact Surgical, LLC, a company having a business address of 7555 Innovation Way in Mason, Ohio, 45040 (hereinafter referred to as the "Assignor") is the owner of the entire right, title and interest in and to certain intellectual property, at least a portion of this intellectual property is identified in the tables below, all of which is hereinafter collectively referred to as the "IP";


U.S. Patents		
Patents	Title	Filing Date
6,893,442	Vacuum Coagulation Probe for Atrial Fibrillation Treatment	June 14, 2002
7,063,698	Vacuum Coagulation Probes	April 29, 2003
7,410,487	Vacuum Coagulation Probe for Atrial Fibrillation Treatment	March 30, 2005
7,572,257	Vacuum Coagulation and Dissection Probes	August 18, 2005
7,758,578	Methods of Coagulating Tissue	May 12, 2006
7,780,661	Vacuum Coagulation Probes	May 12, 2006
7,803,155	Vacuum Coagulation Probes	May 23, 2006
7,931,578	Methods and System for Tissue Cavity Closure	June 17, 2005
8,034,053	Vacuum Coagulation and Dissection Probes	June 16, 2009
8,211,011	Diaphragm Entry for Posterior Surgical Access	November 9, 2006
8,235,990	Vacuum Coagulation Probes	April 19, 2007
8,241,273	Method and Devices for Coagulation of Tissue	January 11, 2010
8,267,951	Dissecting Cannula and Methods of Use Thereof	July 16, 2008
8,465,479	Method and Devices for Performing Biatrial Coagulation	January 11, 2010
8,454,598	Vacuum Coagulation Probes	February 3, 2012
8,721,597	Diaphragm Entry for Posterior Surgical Access	November 9, 2006
8,858,552	Vacuum Coagulation Probes	August 6, 2010
8,858,528	Articulating Cannula Access Device	April 23, 2008
8,888,766	Method And Devices For Performing Biatrial Coagulation	June 10, 2013
8,992,557	Dissecting Cannula And Methods Of Use Thereof	August 16, 2012
8,998,900	Vacuum Coagulation Probes	April 21, 2006

U.S. Patent Applications		
Application	Title	Filing Date
11/408,307	Diaphragm Entry For Posterior Surgical Access	April 21, 2006
11/408,315	Diaphragm Entry For Posterior Surgical Access	April 21, 2006
11/558,420	Vacuum Coagulation Probes	November 9, 2006
11/558,423	Vacuum Coagulation Probes	November 9, 2006
11/737,493	Diaphragm Entry For Posterior Surgical Access	April 19, 2007
12/135,010	Vacuum Coagulation Probe For Atrial Fibrillation Treatment	June 6, 2008
12/821,067	Methods Of Coagulating Tissue	June 22, 2010
13/104,848	Vacuum Coagulation Probes	May 10, 2011
13/107,747	Subxyphoid Epicardial Ablation	May 13, 2011
13/270,067	Vacuum Coagulation & Dissection Probes	October 10, 2011
13/491,402	Diaphragm Entry For Posterior Surgical Access	June 7, 2012
13/541,580	Method And Devices For Coagulation Of Tissue	July 3, 2012
13/905,696	Vacuum Coagulation Probes	May 30, 2013
14/275,589	Diaphragm Entry For Posterior Surgical Access	May 12, 2014
14/509,789	Articulating Cannula Access Device	October 8, 2014
14/605,790	Methods To Prevent Stress Remodeling Of Atrial Tissue	January 26, 2015
14/634,608	Vacuum Coagulation Probes	February 27, 2015
14/668,479	Dissecting Cannula And Methods Of Use Thereof	March 25, 2015
14/707,907	Methods Of Coagulating Tissue	May 8, 2015
11/155,305	System For Tissue Cavity Closure	June 17, 2005
14/864,697	Subxyphoid Epicardial Ablation	September 24, 2015
62/198,585	Ablation Devices And Methods Of Use	July 29, 2015
60/580,890	System For Tissue Cavity Closure	June 18, 2004
60/726,342	Diaphragm Entry For Posterior Access Surgical Procedures	October 12, 2005
61/061,101	Minimally Invasive Ablation Pattern and Dissecting Cannula	June 12, 2008
61/061,558	Minimally Invasive Ablation Pattern and Dissecting Cannula	June 13, 2008
61/143,688	Minimally Invasive Lesion Pattern and Dissecting Instruments Utilizing Endocardial and Epicardial Lesions	January 9, 2009
61/332,814	Vacuum Coagulation Probes	May 10, 2010
61/334,499	Subxyphoid Epicardial Ablation	May 13, 2010
61/334,519	Methods of Perfusion and Irrigation in the Pericardial Space	May 13, 2010
61/931,469	Methods to Prevent Stress Remodeling of Tissue	January 24, 2014

U.S. PCT Applications		
Application	Title	Filing Date
PCT/US2006/015268	Diaphragm Entry For Posterior Surgical Access	April 21, 2006
PCT/US2006/060749	Diaphragm Entry For Posterior Surgical Access	November 9, 2006
PCT/US2006/015009	Vacuum Coagulation Probes	April 21, 2006
PCT/US2006/060753	Vacuum Coagulation Probes	November 9, 2006
PCT/US2009/046780	Dissecting Cannula and Methods of Use Thereof	June 9, 2009
PCT/US2009/040981	Articulating Cannula Access Device	April 17, 2009

International Patents		
Patents	Title	Filing Date
JP 5054116	Vacuum Coagulation Probes	November 9, 2006
JP 5256206	Diaphragm Entry for Posterior Surgical Access	November 9, 2006
JP 5320065	Vacuum Coagulation Probes	April 21, 2006

International Patent Applications			
Application	Jurisdiction	Title	Filing Date
06751099.0	European Patent Office	Diaphragm Entry For Posterior Surgical Access	April 21, 2006
06839809.8	European Patent Office	Diaphragm Entry For Posterior Surgical Access	November 9, 2006
3609/DELNP/2009	India	Diaphragm Entry For Posterior Surgical Access	November 9, 2006
2013-39943	Japan	Diaphragm Entry For Posterior Surgical Access	November 9, 2006
14156217.3	European Patent	Vacuum Coagulation Probes	April 21, 2006
1353/DELNP/2008	India	Vacuum Coagulation Probes	April 21, 2006
06846269.6	European Patent	Vacuum Coagulation Probes	November 9, 2006
3610/DELNP/2009	India	Vacuum Coagulation Probes	November 9, 2006
09763463.8	European Patent	Dissecting Cannula And Methods Of Use Thereof	June 9, 2009
09734553.2	European Patent	Articulating Cannula Access Device	April 17, 2009
06758459.9	European Patent	Vacuum Coagulation Probes	April 21, 2006

U.S. Trademarks		
Serial No.	Mark	Status
77/528,479	Numeris®	Registered
77/084,259	VisiTrax®	Registered
77/061,866	nContact Surgical®	Registered
77/061,874	nContact an Integrated Solution 	Registered
86/298,106	SUBTLE®	Registered
85/245,168	EPI-Sense®	Registered
86/645,892	nContact	Pending
86/645,975	nContact Logo	Pending
86/646,058	nContact Logo with "Rethink Ablation"	Pending
77/061,843	CardioTrax	Abandoned
77/061,858	CardioRail	Abandoned
77/061,877	Ex-Maze	Abandoned
77/111,944	HEALTHTRAK	Abandoned
77/528,467	Paracardioscopic	Abandoned
85/180,487	SUBTLE	Abandoned

WHEREAS, Assignor acquired all of the IP of nContact Surgical, Inc. including, but not necessarily limited to, all the patent and trademark rights, rights of enforcement, contractual participation obligations of named inventors, and related goodwill from a "Merger Agreement" between the Assignor and nContact Surgical, Inc. with an effective date of October 4, 2015; and

WHEREAS, AtriCure, Inc., a corporation organized and existing under the laws of the State of Delaware, having its principal place of business at 7555 Innovation Way in Mason, Ohio, 45040 (hereinafter referred to as the "Assignee"), is to acquire the entire right, title and interest in and to said IP;

NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00) in hand paid, and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, Assignor does hereby assign, sell, transfer and set over unto Assignee, its successors and assigns, the full, entire and exclusive right, title and interest in and to said IP and any national and/or regional phase applications, divisions, continuations and continuations-in-part thereof which have been or may be filed, and in and to any patents, trademarks (including goodwill), copyrights, or reissues, renewals, reexaminations or extensions thereof which may be granted on said applications, and in and to any patent, trademark, and copyright application which may be filed in the United States of America or in countries foreign to the United States of America and any patents, trademarks, and copyrights granted thereon, and all patent, trademark, and copyright applications for which priority has been or is subsequently claimed to said IP; all of said IP and patents, trademarks, and copyrights to be held and enjoyed by Assignee, and its successors or assigns, to the full end of the term or terms for which said patents, trademarks, and copyrights may be granted, as fully and entirely as the same would have been held by Assignor had this assignment not been made.

Assignor hereby authorizes and requests the Patent and Trademark Office and Library of Congress officials in the United States of America and counterpart officials of any and all foreign countries to issue any and all of said patents, trademarks, and copyrights, when granted, to Assignee.

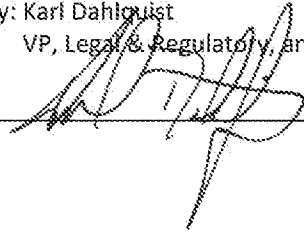
Further, Assignor assigns, sells, and transfers the benefit of any and all contractual participation obligations of named inventors owed to Assignor relating to the IP, and Assignor agrees to execute all papers and to give such lawful testimony and to perform such other lawful acts as Assignee, its successors and assigns may require to enable it or them to procure patents, trademarks, and copyrights, or reissues, reexaminations or extensions thereof in the United States of America and/or in any foreign country without further expense to Assignee.

Executed this 8<sup>th</sup> day of March, 2016.

nContact Surgical, LLC, Assignor

Executed by: Karl Dahlquist  
VP, Legal & Regulatory, and Chief Compliance Officer

Signature: \_\_\_\_\_



STATE OF Ohio )

COUNTY OF Warren )

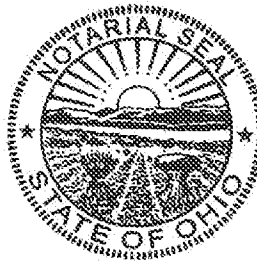
ss:

Before me, the undersigned, a Notary Public in and for said County and State, this day personally appeared Karl Dahlquist personally known to me, who acknowledged the execution of the foregoing instrument as his free act and deed.

Rebecca Stadefeld  
\_\_\_\_\_  
Notary Public

My Commission Expires:  
2-20-2019

County of Residence: Hamilton



Rebecca Stadefeld  
Notary Public, State of Ohio  
My Commission Expires 02-20-2019