

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4814828

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
BMO HARRIS BANK N.A.	02/07/2018

**RECEIVING PARTY DATA**

<b>Name:</b>	RESONETICS, LLC
<b>Street Address:</b>	44 SIMON ST.
<b>City:</b>	NASHUA
<b>State/Country:</b>	NEW HAMPSHIRE
<b>Postal Code:</b>	03060

**PROPERTY NUMBERS Total: 11**

Property Type	Number
Patent Number:	7812280
Patent Number:	6509547
Patent Number:	9132585
Patent Number:	9694446
Patent Number:	8772671
Patent Number:	9511448
Patent Number:	8278590
Patent Number:	7210820
Application Number:	14226483
Patent Number:	6501045
Application Number:	13741121

**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:** 312-577-8574**Email:** humberto.aquino@kattenlaw.com**Correspondent Name:** HUMBERTO AQUINO C/O KATTEN MUCHIN**Address Line 1:** 525 WEST MONROE STREET**Address Line 4:** CHICAGO, ILLINOIS 60661

<b>ATTORNEY DOCKET NUMBER:</b>	334164-00076
<b>NAME OF SUBMITTER:</b>	HUMBERTO AQUINO
<b>SIGNATURE:</b>	/HUMBERTO AQUINO/
<b>DATE SIGNED:</b>	02/07/2018
<b>Total Attachments: 4</b> source=Patent Release#page1.tif source=Patent Release#page2.tif source=Patent Release#page3.tif source=Patent Release#page4.tif	

**PATENT RELEASE AND REASSIGNMENT**

THIS PATENT RELEASE AND REASSIGNMENT is made as of February 7, 2018, by BMO HARRIS BANK N.A., as administrative agent (in such capacity, "Administrative Agent"). Capitalized terms used but not defined herein shall have the same meanings assigned to such terms in the Collateral Agreements (as defined below).

WITNESSETH:

WHEREAS, Resonetics, LLC, a Delaware limited liability company ("Grantor") and Administrative Agent were parties to that certain Patent Collateral Agreement dated as of November 3, 2015 (the "2015 Collateral Agreement") and that certain Patent Collateral Agreement dated as of August 25, 2017 (the "2017 Collateral Agreement"; the 2015 Collateral Agreement together with the 2017 Collateral Agreement, collectively, the "Collateral Agreements") pursuant to which the Grantor granted a security interest to Administrative Agent in certain Patent Collateral (as defined below) as security for certain obligations owing by Grantor to Administrative Agent, including the Patents set forth on Schedule 1 hereto;

WHEREAS, the 2015 Collateral Agreement was recorded by the United States Patent and Trademark Office on November 3, 2015 at Reel 036948, Frame 0404 and the 2017 Collateral Agreement was recorded by the United States Patent and Trademark Office on August 25, 2017 at Reel 043403, Frame 0202;

WHEREAS, Grantor has requested that Administrative Agent release its security interest in the Patent Collateral (as defined below) and reassign any and all rights in the same to Grantor.

NOW THEREFORE, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged:

1. Administrative Agent hereby releases its continuing first priority security interest in all of Grantor's right, title and interest in, to and under the following whether owned or existing at the time of the Collateral Agreements or thereafter created or acquired (collectively the "Patent Collateral"):

- (i) each patent listed on Schedule 1 annexed hereto, together with any reissues, continuations or extensions thereof; and
- (ii) all proceeds of the foregoing, including, without limitation, any claim by such Grantor against third parties for past, present or future infringement of any patent.

2. Administrative Agent hereby reassigns, grants and conveys to the Grantor, without any representation, recourse or undertaking by Administrative Agent, any and all of Administrative Agent's right, title and interest in and to the Patent Collateral.

*[Signature Page Follows]*

IN WITNESS WHEREOF, Administrative Agent has caused this Patent Release and Reassignment to be executed as of the day and year first above written.

**BMO HARRIS BANK N.A.**, as Administrative Agent

By: 

Name: Joshua Gracia

Title: Vice President

Patent Release and Reassignment

**PATENT**  
**REEL: 044859 FRAME: 0301**

**SCHEDULE 1**

**Registered Patents and Patent Applications**

OWNER	PATENT	APPLICATION NUMBER	APPLICATION DATE	REGISTRATION NUMBER	REGISTRATION DATE
Resonetics, LLC	System and method for manufacturing catheter balloons	14226483	3/26/14	N/A	N/A
Resonetics, LLC	Laser machining system and method for machining three-dimensional objects from a plurality of directions	13520089	9/24/12	9132585	9/15/15
Resonetics, LLC	Precision laser ablation	13112575	5/20/11	8772671	7/8/14
Resonetics, LLC	Apparatus for minimizing a heat affected zone during laser micro-machining	11140341	5/27/05	8278590	10/2/02
Resonetics, LLC	Method and apparatus for laser micromachining a conical surface	11292691	12/2/05	7812280	10/12/10
Resonetics, LLC	Methods and apparatuses for homogenizing light	10839026	5/4/04	7210820	5/1/07
Resonetics, LLC	Method for laser stripping of optical fiber and flat cable	09723872	11/28/00	6509547	1/21/03
Resonetics, LLC and Kawamura Sangyo Co., Ltd.	Method and apparatus for controlling the taper angle of the walls of laser machined features	09544032	4/6/00	6501045	12/31/02
Resonetics, LLC	Hybrid Laser Machining System and Associated Methods Thereof	13741121	1/14/13	N/A	N/A
Resonetics, LLC	WALL THICKNESS COMPENSATION DURING LASER ORIFICE	14557027	12/1/14	9694446	7/4/17

	DRILLING				
Resonetics, LLC	Laser machining system and method for machining three-dimensional objects from a plurality of directions	14822048	8/10/15	9511448	12/6/16