

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MATTHEW A. ZELEZNIK	06/04/2018
ANTHONY T. ZISKO	10/26/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ROBERT BOSCH GMBH
<b>Street Address:</b>	POSTFACH 30 02 20
<b>City:</b>	STUTTGART
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	70442
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15873809
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(317)638-2139
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	1576-2145
<b>NAME OF SUBMITTER:</b>	PAUL J. MAGINOT
<b>SIGNATURE:</b>	/Paul J. Maginot/
<b>DATE SIGNED:</b>	11/09/2018
<b>Total Attachments: 4</b>	
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A S S I G N M E N T

Pursuant to our obligation to Akustica, Inc. (hereinafter referred to as “Assignee”), having its principal place of business at:

2555 Smallman Street, Suite 200  
Pittsburgh, PA 15222

and for other valuable and sufficient consideration, receipt of which is hereby acknowledged, we:

Matthew A. Zeleznik  
217 Elm Street  
Pittsburgh, PA 15218

Anthony T. Zisko  
535 Southcrest Drive  
Pittsburgh, PA 15226

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, except as set forth below, our entire right, title and interest -

(1) in and to an invention entitled “Ratiometric Biasing for High Impedance Capacitive Sensing” for which we have executed a United States patent application on even date herewith, said United States application being assigned U.S. Serial No. 15/873,809 filed on January 17, 2018;

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), reissue applications, and international patent applications designating the United States) based upon said invention, and in and to the patent or patents to be granted thereon, including

reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted; and

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including patent applications filed under the Patent Cooperation Treaty, the European Patent Convention or any other international treaty, and including the right to claim priority of said United States application, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

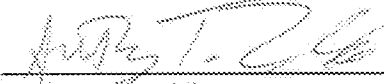
The foregoing notwithstanding, and in recognition of the fact that Assignee is part of the Bosch group of companies, we hereby assign to Robert Bosch GmbH, a German corporation having a mailing address at Postfach 30 02 20, D-70442 Stuttgart, GERMANY, the limited right to be named as assignee or applicant at the time of publication and at the time of issue on any applications or patents granted as referred to in foregoing paragraphs (2) and (3). If the right applicable to any such patent application allows an assignee to be the applicant of the patent application, Robert Bosch GmbH shall have the right to be identified as applicant of the patent application and the right to claim priority of said United States application. This limited right granted to Robert Bosch GmbH with respect to any patent application or granted patent

shall expire upon the first-occurring of (i) assignment to a third party of any of the above-mentioned rights of Assignee, or (ii) with respect to any particular patent, issue of such patent, and shall be subsequently part of the assignable rights of Assignee. All other rights to said invention, said applications and said patents, U.S. or foreign, including the right under any of said patents to manufacture, use, sell or offer for sale the invention covered by said patents, or to license or permit use of said invention, remain with Assignee and shall be assignable by Assignee without the consent of Robert Bosch GmbH.

Date: 6/4/2018

Matthew A. Zeleznik  
Matthew A. Zeleznik

Date: 10/24/18

  
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Anthony T. Zisko