

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4121796

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN ZINN	07/07/2014
BRETT DIAMOND	07/07/2014
RECEIVING PARTY DATA	
Name:	AKUSTICA, INC.
Street Address:	2835 EAST CARSON STREET, SUITE 301
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15203
Name:	ROBERT BOSCH GMBH
Street Address:	POSTFACH 30 02 20
City:	STUTTGART
State/Country:	GERMANY
Postal Code:	D-70442
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15339760
CORRESPONDENCE DATA	
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<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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Address Line 4:	MILWAUKEE, WISCONSIN 53202
ATTORNEY DOCKET NUMBER:	081276-9662-US03
NAME OF SUBMITTER:	JODI ANDERSON
SIGNATURE:	/jodi anderson/
DATE SIGNED:	10/31/2016

Total Attachments: 3

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ASSIGNMENT

Pursuant to our obligation to Akustica, Inc. (hereinafter referred to as "Assignee"), a Delaware corporation having its principal place of business at:

2835 East Carson Street, Suite 301
Pittsburgh, PA 15203
USA

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

John Zinn
146 Smithfield Street
Canonsburg, PA 15317
USA

Brett Diamond
235 Queensberry Court
Pittsburgh, PA 15237
USA

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest

(1) in and to inventions described in a patent application titled "MONOLITHIC CMOS-MEMS MICROPHONES AND METHOD OF MANUFACTURING" the specification of which was filed with my authority on May 2, 2014 as International Patent Application No. PCT/US14/36626 (Atty. File No. 081276-9662-WO00) (hereinafter the "PCT application") which application claims the benefit of United States Provisional Patent Application No. 61/818,641 filed May 2, 2013 and United States Provisional Patent Application No. 61/830,492 filed June 3, 2013 (hereinafter the "U.S. provisional patent applications"); and

(2) in and to the PCT application and the U.S. provisional patent applications, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said inventions or claiming the benefit of the PCT application, or the U.S. provisional patent

applications, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted.

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including foreign applications entering the national phase of the PCT 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; and

(4) under the International Convention in respect to the PCT application and the U.S. provisional patent applications.

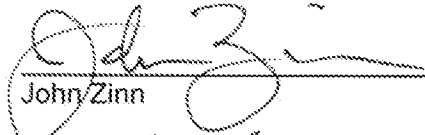
We agree that any patent applications of any foreign countries which may be filed shall be filed in the name of Assignee with a claim to priority based on the PCT application and the U.S. provisional patent applications. We hereby agree that we will, upon demand of Assignee, its successors or assigns, 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 PCT application and U.S. provisional patent applications. 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

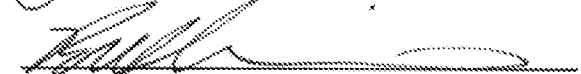
party of any of the above-mentioned rights of Assignee, or (ii) with respect to any particular patent, issue of such patent, and shall be subsequently part of the assignable rights of Assignee. All other rights to said invention, said applications and said patents, U.S. or foreign, including the right 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.

7/7/2014
Date

7.7.2014
Date



John Zinn



Brett Diamond