

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Andrew J. Doller	07/27/2011
Michael Peter Knauss	07/13/2011
Philip Sean Stetson	07/29/2011

RECEIVING PARTY DATA

Name:	Akustica Inc.
Street Address:	2835 E. Carson Street, Suite 301
City:	Pittsburgh
State/Country:	PENNSYLVANIA
Postal Code:	15201

Name:	Robert Bosch GmbH
Street Address:	Postfach 30 02 20
City:	Stuttgart
State/Country:	GERMANY
Postal Code:	70442

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13196652

CORRESPONDENCE DATA

Fax Number: (414)277-0656

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: MICHAEL BEST & FRIEDRICH LLP

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501614321

PATENT
REEL: 026689 FRAME: 0643

OP \$40.00 13196652

Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER:	081276-9500 US00
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NAME OF SUBMITTER:	Jay Einerson
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Total Attachments: 5

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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 E. Carson Street, Suite 301
Pittsburgh, PA 15201

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

Andrew J. Doller
2010 Noble Street
Sharpsburg, PA 15215

Michael Peter Knauss
Hoelderlin Str. 13
Pfullingen, Germany 72793

Philip Sean Stetson
1390 Royal Oak Drive
Wexford, PA 15090

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 inventions described in a patent application titled "MEMS
MICROPHONE" for which we filed United States Patent Application No.
13/196,652, (Atty. File No. 081276-9500 US00) (hereinafter the "U.S. utility
patent application");

(2) in and to the U.S. utility patent application, in and to all other patent
applications (including divisional, continuation, continuation-in-part, §111(b) provisional,
§111(a), and reissue applications) based upon said invention, 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 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 U.S. utility patent 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 authorize the assignee or attorney of record to insert in the appropriate place in this document the application number of our application after execution of this Assignment. 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 U.S. utility patent 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

7/27/2011

Andrew J. Doller

Date

Michael Peter Knauss

Date

Philip Sean Stetson

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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

Andrew J. Doller

07/13/14

Date

[Signature]

Michael Peter Knauss

Date

Philip Sean Stetson

081276-95009489597.1

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Date

Andrew J. Doller

Date

Michael Peter Knauss

7/29/2011

Date

Philip Sean Stetson

Philip Sean Stetson

(81276-95009489597.)