504769336 02/08/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NEAL FENZI	07/05/2013
KURT RAIHN	07/05/2013

RECEIVING PARTY DATA

Name:	RESONANT LLC	
Street Address:	460 WARD DRIVE, SUITE D	
City:	SANTA BARBARA	
State/Country:	CALIFORNIA	
Postal Code:	93111	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14300124

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NAME OF SUBMITTER: ELISHA MANZUR

SIGNATURE: /Elisha Manzur/

DATE SIGNED: 02/08/2018

Total Attachments: 1

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PATENT 504769336 REEL: 044868 FRAME: 0676

COMBINED DECLARATION & ASSIGNMENT

Attorney Docket No.: RES-014US

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Client Ref. No.: RES-014US

Title: ELEMENT REMOVAL DESIGN IN

MICROWAVE FILTERS

<u>ASSIGNMENT</u>

WHEREAS, I, Neal Fenzi and Kurt Raihn, have invented certain new and useful improvements as described in U.S. patent application, entitled ELEMENT REMOVAL DESIGN IN MICHOWAVE FILTERS, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office ("USPTO") by Application No. 13/939,763 Sted July 11, 2013("Invention"); and

WHEREAS, RESONANT LLC, a Limited Liability Company of the State of California, and having an address of 460 Ward Drive, Suite D, Santa Barbara, CA 93111, U.S.A. (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged. I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignce to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Neal Fenzi

Date 7-5-/3

Kurt Railm

Date <u>7/5/13</u>

PATENT REEL: 044868 FRAME: 0677

RECORDED: 02/08/2018