PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5476035

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GARY W. ELKO	04/10/2019
TOMAS F. GAENSLER	04/10/2019
JENS M. MEYER	04/14/2019
ERIC J. DIETHORN	04/15/2019

RECEIVING PARTY DATA

Name:	MH ACOUSTICS, LLC
Street Address:	25A SUMMIT AVE.
City:	SUMMIT
State/Country:	NEW JERSEY
Postal Code:	07901

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16383928

CORRESPONDENCE DATA

Fax Number: (215)557-8477

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: 215-557-6656 Email: eri@mendelip.com **Correspondent Name:** STEVE MENDELSOHN

Address Line 1: MENDELSOHN DUNLEAVY, P.C.

Address Line 2: 1500 JOHN F. KENNEDY BLVD., SUITE 312 Address Line 4: PHILADELPHIA, PENNSYLVANIA 19102

ATTORNEY DOCKET NUMBER: 1053.026CIP NAME OF SUBMITTER: STEVE MENDELSOHN SIGNATURE: /Steve Mendelsohn/ **DATE SIGNED:** 04/16/2019

Total Attachments: 5

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> **PATENT** REEL: 048893 FRAME: 0090 505429235

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> PATENT REEL: 048893 FRAME: 0091

Attorney Docket No.: 1053.026CIP

ASSIGNMENT

WHEREAS, *Gary W. Elko*, residing at 26 Blackburn Place, Summit, New Jersey 07901, United States of America, *Tomas F. Gaensler*, residing at 9 Fairfield Ave., Warren, New Jersey 07059, United States of America, *Jens M. Meyer*, residing at 38 Meade Road, Fairfax, Vermont 05454, United States of America, and *Eric J. Diethorn*, residing at 8 Poplar Road, Long Valley, New Jersey 07853, United States of America, (hereinafter collectively referred to as "the Assignor(s)"), are the inventor(s) of certain invention(s) or improvement(s) already described and/or claimed or to be described and/or claimed in one or more of the following:

U.S. continuation-in-part application no. 16/383,928 entitled Spatial Encoding Directional Microphone Array, filed on 15 April 2019 as docket no. 1053.026CIP.

If not already inserted, I hereby authorize and request the law firm of **Mendelsohn Dunleavy**, **P.C.**, of 1500 John F. Kennedy Blvd., Suite 312, Philadelphia, Pennsylvania 19102, US, to insert herein the application number(s), title(s), filing date(s), and docket number(s) of said application(s) when known.

WHEREAS, *MH Acoustics*, *LLC*, 25A Summit Ave., Summit, New Jersey 07901, United States of America, (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the said invention(s) or improvement(s) and in and to the said application(s), and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignor(s), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said invention(s) or improvement(s) and said application(s) including the right to claim priority to the application(s) in any application entitled to claim such priority under national law, international conventions, treaties or otherwise, and any and all continuations, divisions and renewals of and substitutes for said application(s), and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application(s) and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and we agree to communicate to said assignee or to its nominee all known facts respecting said invention(s) or improvement(s), said application(s) and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said invention(s) or improvement(s) in any and all countries.

Dated: April 10, 2019	Gary W. Elko	(L.S.)
Dated:	Tomas F. Gaensler	(L.S.)
Dated:	Jens M. Meyer	(L.S.)
Dated:	 Eric J. Diethorn	(L.S.)

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Dated:	Gary W. Elko	(L.S.)
Dated: ^{04/10/2019}	Tomas F. Gaensler	(L.S.)
Dated:	Jens M. Meyer	(L.S.)
Dated:	Eric J. Diethorn	(L.S.)

Attorney Docket No.: 1053.026CIP

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Dated:	Gary W. Elko	(L.S.)
Dated:	Tomas F. Gaensler	(L.S.)
Dated: 04/14/2019	J. Neyer	(L.S.)
Dated:	 Eric J. Diethorn	(L.S.)

Attorney Docket No.: 1053.026CIP

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Dated:	Gary W. Elko	(L.S.)
Dated:	Tomas F. Gaensler	(L.S.)
Dated:	Jens M. Meyer	(L.S.)
Dated: 4/15/2019	Eric J. Diethorn	(L.S.)