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NATURE OF CONVEYANCE:	ASSIGNMENT

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16342383

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DATE SIGNED:	11/07/2019

Total Attachments: 5

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PATENT REEL: 050952 FRAME: 0601

ASSIGNMENT

I, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign and sell, which confirms any previous assignment by me or by operation of law, to Knowles Electronics, LLC, an Illinois corporation, having its principal place of business at 1151 Maplewood Drive, Itasca, Illinois, 60143 ("Assignee"), its successors, assigns, and legal representatives, the entire right, title, and interest, in and to all subject matter and improvements invented, made, or conceived by me and described in the application for patent entitled

ARMATURE-BASED ACOUSTIC RECEIVER HAVING IMPROVED OUTPUT AND METHOD

having U.S. Application No. 62/409,341, filed October 17, 2016, and in and to all patent and all patent convention and treaty rights of all kinds, including the right to claim priority from said application, and all rights in and to any utility model, continuation, continuation-in-part, and divisional application therefrom, and any reissue or re-examination as to any patent issuing therefrom, in all countries throughout the world, for all such subject matter described therein, including all rights of action and rights to recover damages for past infringements.

I agree that on request and without further consideration, I will communicate to the Assignee or its representatives or nominees any facts known to me respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers, and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from

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such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

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Notary Public	Nistary Public, State of Illinois My Commission Expires
My Commission Expires: 3/24/	Supringinging and the supringing

Legal Name of Inventor: (Given names first, with Family name last) Inventor's Signature:	Ardrew Unruh
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WITNESS my hand and official seal.	
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and for said State, personally appear proved to me on the basis of satisfa subscribed to the within instrument a	6, before me, ROBERT FAEDTKE, a Notary Public in red DANIEL WARREN, personally known by me (or actory evidence) to be the person whose name is and acknowledged to me that he executed the same y his signature on the instrument the person, or the acted, executed the instrument.
WITNESS my hand and official seal.	
Net T. Fethe	
Notary Public	
My Commission Expires: 3/24/	<u> </u>
ROBERT I. FAEDTKE OFFICIAL SEAL Notary Public, State of Illingis My Commission Expires My Commission Expires	

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