505491752 05/23/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
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WEI-LEUN FANG	05/07/2019

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16412659	

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SIGNATURE:	/Mary M. Mejia/	
DATE SIGNED:	05/21/2019	

Total Attachments: 2

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PATENT 505491752 REEL: 049271 FRAME: 0694

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)				
TUNABLE DEVICE, TRANSDUCER INCLUDING THE TUNABLE DEVICE,				
AND METHOD OF TUNING THE TUNABLE DEVICE .				
The DATENIT DIGITIE referred to in this equations are				
The PATENT RIGHTS referred to in this agreement are:				
(check one) a patent application for this invention, executed by the ASSIGNOR(S)				
concurrently with this assignment.				
U.S. patent application Serial No, filed				
a U.S. patent application based on PCT International Application				
No, filed on (date) (U.S. patent				
application Serial No, if known)				
U.S. Patent No, issued				
The PATENT RIGHTS also include all divisions, reissues, continuations and				
extensions of the patents and patent applications identified above.				
The PATENT RIGHTS assigned under this agreement are:				
(check one) U.S. patent rights only.				
Worldwide patent rights. In this case, the assignee shall have the				
right to claim the benefit of the filing date of any U.S. or foreign				
patent application for this invention.				
The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose				
signature(s) appear(s) on page 2 of this Assignment and any Supplemental Sheets(s).				
The ASSIGNEE referred to in this agreement is:				
(Name of Assignee) National Tsing Hua University				
(Address) No. 101, Sec. 2, Kwangfu Rd., Hsinchu City30013, Taiwan				
The ASSIGNEE is:				
(check one) An Individual.				
A Partnership.				
A Corporation of(specify state or country)				
(other) A University of Taiwan				
(onto) Homewood, or Justini				
The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other				

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

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the full and exclusive right to the invention; the entire right, title and interest in and to the PATENT RIGHTS; the right to sue and recover for any past infringement; and, the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) any attorney and agent who has a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Wei-Cheng LAI	Wet-chang	Lai May 7, 2019
Name of sole or first inventor	Signature	Date
Wei-Leun FANG	THU	May 7, 2019
Name of second inventor, if any	Signature	Date
Name of third inventor, if any	Signature	Date
Name of fourth inventor, if any	Signature	Date
Name of fifth inventor, if any	Signature	Date
Name of sixth inventor, if any	Signature	Date

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