

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIA-EN MARCUS PAN	06/07/2017
RECEIVING PARTY DATA	
Name:	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
Street Address:	3160 CHESTNUT STREET, SUITE 200
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19104
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	62316086
PCT Number:	US2017025365
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	9194938000
Email:	sboswell@jwth.com
Correspondent Name:	GREGORY A. HUNT
Address Line 1:	3015 CARRINGTON MILL BOULEVARD
Address Line 2:	SUITE 550
Address Line 4:	MORRISVILLE, NORTH CAROLINA 27560
ATTORNEY DOCKET NUMBER:	3055/30 PCT
NAME OF SUBMITTER:	GREGORY A. HUNT
SIGNATURE:	/Gregory A. Hunt/
DATE SIGNED:	11/19/2020
Total Attachments: 3	
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DOCKET NO.: 3055/30 PCT

ASSIGNMENT

7 Campus Drive Apt 917
 anford CA 94305

WHEREAS, I, Jia-En Marcus Pan, a citizen of the United States of America, residing at ~~3010 Irving Street - MB 212, Philadelphia, Pennsylvania~~, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number 3055/30 PCT ("the invention"), assigned application number PCT/US2017/025365 filed March 31, 2017, which is entitled METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR A PHASE ARRAY DIRECTED SPEAKER ("the subject application"), and which claims priority to patent application number 62/316,086 filed March 31, 2016 ("the priority application").

AND WHEREAS, The Trustees of the University of Pennsylvania, ASSIGNEE, having a place of business at 3160 Chestnut Street, Suite 200, Philadelphia, PA 19104, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

DOCKET NO.: 3055/30 PCT

representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 7th day of June, year of 2017.

Pan Jia Marcus

Signature - Jia-En Marcus Pan

WITNESS

Stanford / CA

Signed At (City/State)

Shang Zhai

Name

Shang Zhai

Signature

June 7th, 2017

Date

DOCKET NO.: 3055/30 PCT

This assignment is accepted on behalf of The Trustees of the University of Pennsylvania by:

10/23/2020

Date

DocuSigned by:

Jennifer Langenberger

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Jennifer Langenberger
Director, Intellectual Property