

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5599631

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KENNETH SHEPARD	07/31/2017
TIAGO COSTA	09/22/2017
KEVIN TIEN	09/22/2017
CHEN SHI	09/22/2017
RECEIVING PARTY DATA	
Name:	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
Street Address:	412 LOW MEMORIAL LIBRARY
Internal Address:	535 WEST 116TH STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10027
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16474986
CORRESPONDENCE DATA	
Fax Number:	(212)309-1100
<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:	2123091000
Email:	PTONY@andrewskurth.com
Correspondent Name:	HUNTON ANDREWS KURTH LLP
Address Line 1:	200 PARK AVENUE
Address Line 4:	NEW YORK, NEW YORK 10166
ATTORNEY DOCKET NUMBER:	300519WOUS01-109198-00054
NAME OF SUBMITTER:	GARY ABELEV
SIGNATURE:	/s/ Gary Abelev
DATE SIGNED:	07/01/2019
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, WE, Kenneth Shepard, a citizen of the United States, having a residence address at 158 Evan Drive, New York, New York 10562; Tiago Costa, a citizen of Portugal, having a residence address at 435 W. 119th Street, Apt. 10F, New York, New York 10029; Kevin Tien, a citizen of the United States, having a residence address at 106 E. 116th Street, Apt. 1B, New York, New York 10029; and Chen Shi, a citizen of China, having a residence address at 400 W. 119th Street, Apt. 140, New York, NY 10027, (hereinafter "ASSIGNORS"), have made an invention entitled "ULTRASOUND PHASED ARRAY PATCH ON FLEXIBLE CMOS" as set forth and described in United States Provisional Application No. 62/439,680, filed December 28, 2016; and

WHEREAS, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK (hereinafter "ASSIGNEE"), having its principal place of business at 412 Low Memorial Library, 535 West 116th Street, New York, NY, 10027, is desirous of acquiring the whole right, title and interest in and to said application for Letters Patent, and any continuations, divisions, extensions, substitutions, reissues and reexaminations thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the said ASSIGNORS, for and in consideration of valuable considerations unto us moving from said ASSIGNEE, at or before the ensealing and delivery of these presents, the receipt and sufficiency of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the said invention entitled "ULTRASOUND PHASED ARRAY PATCH ON FLEXIBLE CMOS" and any and all improvements thereto, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, and in and to any other applications based in whole or in part on any of the foregoing, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said ASSIGNORS, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said ASSIGNEE, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assigns;

AND WE, the said ASSIGNORS, for the considerations aforesaid, do hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or

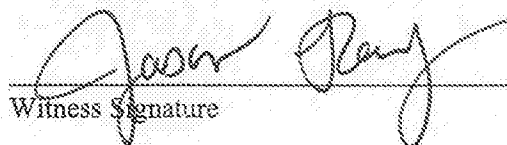
right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said ASSIGNEE, its successors and assigns, may be required or necessary more effectively to secure to and vest in said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this

31st day of July, 2017.



Kenneth Shepard


Witness Signature

Jason Ray
Witness Name

070050.5850
PATENT

IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this

22nd day of September, 2017

Tiago Costa
Tiago Costa

[Signature]
Witness Signature

Changhyuk Lee
Witness Name

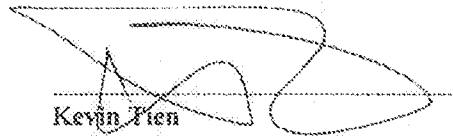
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IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this

22nd day of September, 2017.


Kevin Tien

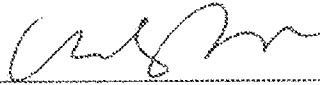

Witness Signature

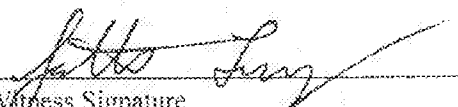
Jordan Thimot
Witness Name


070050.5850
PATENT

IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this

22nd day of September, 2017


Chen Shi


Witness Signature

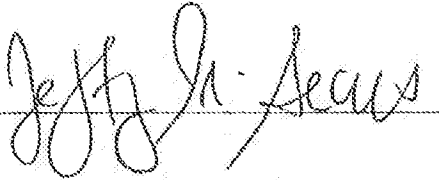

Witness Name

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 26 day of

September, 2017.

THE TRUSTEES OF COLUMBIA
UNIVERSITY IN THE CITY OF NEW YORK

Name:
Title:



Jeffrey M. Sears, Ph.D.
Associate General Counsel
Columbia University