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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GEOFFREY R. HUTCHISON	06/18/2018
MICHAEL JAMES MOODY	06/18/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16074730

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NAME OF SUBMITTER:	WAYNE RUPERT
SIGNATURE:	/Wayne Rupert/
DATE SIGNED:	08/01/2018

Total Attachments: 3

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PATENT REEL: 046530 FRAME: 0598 source=95871-03 Assignment#page3.tif

PATENT REEL: 046530 FRAME: 0599

ASSIGNMENT

WHEREAS, we, Geoffrey R. Hutchison, of Pittsburgh, PA, and Michael James Moody, of Pittsburgh, PA, have invented a certain invention, entitled MOLECULARLY DOPED PIEZOELECTRIC FOAMS, for which the following application has been filed:

PCT Patent Application No. PCT/US2017/015630, filed on January 30, 2017, the application is referred to as "the patent application."

WHEREAS, UNIVERSITY OF PITTSBURGH – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, a non-profit entity organized and existing under the laws of the Commonwealth of Pennsylvania, having a place of business at 1st Floor Gardner Steel Conference Center, 130 Thackeray Avenue, Pittsburgh, Pennsylvania 15260, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Geoffrey R. Hutchison and Michael James Moody hereby sell, assign, and transfer to UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, the full and exclusive right, title, and interest in and to said invention, patent application, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, patent application, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by UNIVERSITY OF PITTSBURGH -OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all

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lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid UNIVERSITY OF PITTSBURGH — OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, its successors, and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

We confirm that, at the time the invention was made, we were under an obligation to assign the invention to UNIVERSITY OF PITTSBURGH – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

At Pilts BUKGIL PA

Geoffrey R. Hutchison

At City and State)
on this 19 day of TUNE, 2018.

STATE OF Commonwealth of Fennsylvania

SS.

COUNTY OF AUEGHENY

COUNTY OF AUEGHENY

STATE OF COUNTY OF AUEGHENY

SS.

This 19 day of June, 2018, before me personally came the above-named Geoffrey R. Hutchison, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Geoffrey R. Hutchison's own free will for the purpose set forth therein.

Notary Public For PENNSYLVANIA
My commission expires: 10/1/2014

[SEAL]

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL

Martania C. Felton, Notary Public City of Pittsburgh, Allegheny County My Commission Expires Oct. 1, 2019 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

	Michael James Moody
At Evanston TL (City and State)	
(City and State)	
on this 18 day of June , 201	<u>8</u> .
STATE OF IL) COUNTY OF COOK)	ss.
This <u>/</u> 8 day of <u>Jone</u>	, 20 <u>18</u> , before me personally came the above-named the foregoing instrument in my presence, and who
	ent was executed by Michael James Moody's own free will

ERIC ROBERT EISSLER
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
February 02, 2021

for the purpose set forth therein.

Notary Public For

My commission expires:

[SEAL]