

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MAHMOUD I HUSSEIN	02/12/2019
RECEIVING PARTY DATA	
Name:	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
Street Address:	1800 GRANT STREET, 8TH FLOOR
City:	DENVER
State/Country:	COLORADO
Postal Code:	80203
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15956289
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	004344-017US4
NAME OF SUBMITTER:	THOMAS J OSBORNE, JR.
SIGNATURE:	/Thomas J Osborne Jr/
DATE SIGNED:	04/22/2019
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, I, **Mahmoud I. Hussein** of Superior, CO hereinafter called the *ASSIGNOR(S)*, invented certain new and useful PHONONIC METAMATERIALS ADAPTED FOR REDUCED THERMAL TRANSPORT, for which the *ASSIGNOR(S)* executed an application for a United States Patent and for which said application for United States Patent was filed on April 18, 2018, under

Patent Application Serial No. 15/956,289;

Attorney Docket No. UCO000313;

WHEREAS, I hereby authorize and request the attorney(s) and/or agent(s) recording the present assignment, to insert above the filing date and application number of said application, when known;

AND WHEREAS, **The Regents of the University of Colorado**, a body corporate, of the State of Colorado, with a place of business at 1800 Grant Street, 8th Floor, Denver, CO 80203, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

AND, WHEREAS, it is the intent of the *ASSIGNOR(S)* to assign all rights, including but not limited to all substantive rights as well as the (future) right to claim priority and the right to be granted a patent in any and all PCT Contracting States to the above referenced application to the Assignee:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, *ASSIGNOR(S)* hereby sell, assign and transfer unto said *ASSIGNEE*, its successors and assigns, the entire right, title and interest, including the right to sue for past infringement, if any, and the (future) right to claim priority, in and to said application, the inventions therein disclosed, and any improvements thereon, and in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possession, in any and all foreign countries, including without limit all PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examination, extension and reissues thereof, and any other applications claiming priority thereto;

ASSIGNOR(S) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all foreign countries, to issue, when granted, any and all Letters Patents thereon, and reissues thereof, to said *ASSIGNEE* as the assignee of the entire right, title and interest in and to the same, for the sole use and behalf of said *ASSIGNEE* and said *ASSIGNEE*'s successors and assigns, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been

held by *ASSIGNOR(S)* had this assignment and sale not been made; and

ASSIGNOR(S) hereby authorize said *ASSIGNEE*, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and

ASSIGNOR(S) hereby agree that, upon request, *ASSIGNOR(S)* will sign all papers, and make all rightful oaths, and do all acts which said *ASSIGNEE*, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

Date: 02/12/2019

M. Hussein
Mahmoud I. Hussein

State of Colorado)
County of Boulder) ss

On this 12 day of February, 2019 before me a Notary Public in and for the above County and State, personally appeared the above named Mahmoud I. Hussein personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.

MARY FENTRESS
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 19874000570
MY COMMISSION EXPIRES MARCH 12, 2022

M. Fentress
Notary Public