

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT7086587

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|---|---|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT  |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT  |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>                                       |
| RONGGUI YANG  | 07/02/2018  |
| RONGFU WEN  | 07/02/2018  |
| SHANSHAN XU   | 07/23/2018  |
| YUNG-CHENG LEE  | 07/19/2018  |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE |
| <b>Street Address:</b>  | 1800 GRANT STREET   |
| <b>Internal Address:</b>  | 8TH FLOOR   |
| <b>City:</b>  | DENVER  |
| <b>State/Country:</b>   | COLORADO  |
| <b>Postal Code:</b>   | 80203   |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |
| <b>Property Type</b>  | <b>Number</b>   |
| <b>Application Number:</b>  | 17251127  |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  | (720)536-4910   |
| <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> |   |
| <b>Phone:</b>   | 7205364900  |
| <b>Email:</b>   | SHANNON@NODIPLAW.COM  |
| <b>Correspondent Name:</b>  | NEUGEBOREN O'DOWD PC  |
| <b>Address Line 1:</b>  | 1227 SPRUCE ST., SUITE 200                                  |
| <b>Address Line 4:</b>  | BOULDER, COLORADO 80302                                     |
| <b>ATTORNEY DOCKET NUMBER:</b>  | CU4682B-US1   |
| <b>NAME OF SUBMITTER:</b>   | STEPHEN S. GRUBER   |
| <b>SIGNATURE:</b>   | /Stephen S. Gruber/   |
| <b>DATE SIGNED:</b>   | 12/21/2021  |
| <b>Total Attachments: 4</b>   |   |
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**PATENT**

**REEL: 058449 FRAME: 0561**

## ASSIGNMENT OF PATENT APPLICATION

## FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

The Regents of the University of Colorado, a body corporate

organized under the laws of the state of Colorado as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

SINGLE AND MULTI-LAYER MESH STRUCTURES FOR ENHANCED THERMAL TRANSPORT

described in an application for Letters Patent of the United States, identified as Attorney Docket No. CU4682B, at Neugeboren O'Dowd PC, 1227 Spruce Street, Suite 200, Boulder, CO 80302, and filed on June 11, 2018, as Application Serial No 62/683,362, and the invention(s) and improvement(s) set forth therein, and any and all non-provisionals, continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

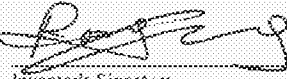
We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We hereby authorize Steve Gruber, attorney for Assignee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.



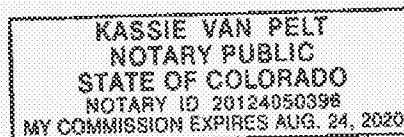
Inventor's Signature

07/02/2018

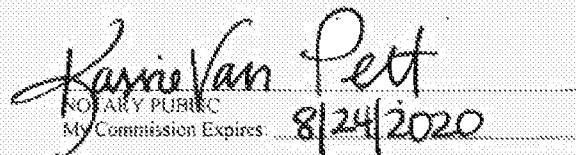
DATE

Ronggui Yang  
Inventor's Printed Name

STATE OF Colorado )  
COUNTY OF Boulder ) SS



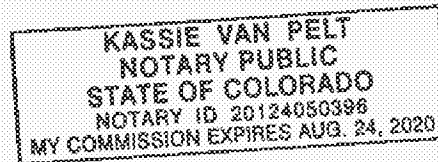
On this 2nd day of July, 2018, before me personally came the above named Ronggui Yang who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

  
NOTARY PUBLIC  
My Commission Expires 8/24/2020

Rongfu Wen  
Inventor's Signature

07/02/2018  
DATE

Rongfu Wen  
Inventor's Printed Name



STATE OF Colorado )  
COUNTY OF Boulder ) SS

On this 2nd day of July 2018, before me personally came the above named Rongfu Wen who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth

Kassie Van Pelt  
NOTARY PUBLIC  
My Commission Expires 8/24/2020

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
DATE

Shanshan Xu  
Inventor's Printed Name

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

On this \_\_\_\_\_ day of \_\_\_\_\_, before me personally came the above named Shanshan Xu who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth

\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
DATE

Yung-Cheng Lee  
Inventor's Printed Name

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

On this \_\_\_\_\_ day of \_\_\_\_\_, before me personally came the above named Yung-Cheng Lee who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires \_\_\_\_\_

Inventor's Signature

DATE

Rongfu Wen  
Inventor's Printed Name

STATE OF \_\_\_\_\_ )  
 ) SS  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me personally came the above named Rongfu Wen who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires: \_\_\_\_\_

Shanshan Xu  
Inventor's Signature

7/23/18  
DATE

Shanshan Xu  
Inventor's Printed Name

STATE OF Michigan )  
 ) SS  
COUNTY OF Washtenaw )

On this 23<sup>rd</sup> day of July, 2018, before me personally came the above named Shanshan Xu who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

MALCOLM LYNCH  
NOTARY PUBLIC, STATE OF MI  
COUNTY OF WASHTENAW  
MY COMMISSION EXPIRES Jan 2, 2023  
ACTING IN COUNTY OF Washtenaw

NOTARY PUBLIC

My Commission Expires: January 2, 2023

Inventor's Signature

DATE

Yung-Cheng Lee  
Inventor's Printed Name

STATE OF \_\_\_\_\_ )  
 ) SS  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me personally came the above named Yung-Cheng Lee who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
DATE

Rongfu Wen  
\_\_\_\_\_  
Inventor's Printed Name

STATE OF \_\_\_\_\_ )  
 ) SS  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, before me personally came the above named Rongfu Wen who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
DATE

Shanshan Xu  
\_\_\_\_\_  
Inventor's Printed Name

STATE OF \_\_\_\_\_ )  
 ) SS  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, before me personally came the above named Shanshan Xu who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

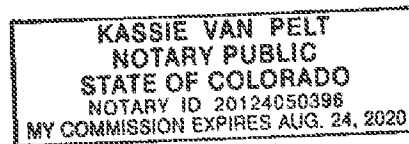
\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: \_\_\_\_\_

[Signature]  
\_\_\_\_\_  
Inventor's Signature

July 19, 2018  
\_\_\_\_\_  
DATE

Yung-Cheng Lee  
\_\_\_\_\_  
Inventor's Printed Name

STATE OF Colorado )  
 ) SS  
COUNTY OF Boulder )



On this 19th day of July, 2018, before me personally came the above named Yung-Cheng Lee who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

[Signature]  
\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: 8/24/2020