

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5668989

|   |   |
|---|---|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                                |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                                    |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>                         |
| ARUN KUMAR KOTA   | 06/22/2018                                    |
| KETUL POPAT   | 06/25/2018                                    |
| SANLI MOVAFAGHI   | 06/22/2018                                    |
| VICTORIA LESZCZAK MURPHY  | 08/08/2019                                    |
| WEI WANG  | 06/22/2018                                    |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | COLORADO STATE UNIVERSITY RESEARCH FOUNDATION |
| <b>Street Address:</b>  | P.O. BOX 483                                  |
| <b>City:</b>  | FORT COLLINS                                  |
| <b>State/Country:</b>   | COLORADO                                      |
| <b>Postal Code:</b>   | 80522   |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |
| <b>Property Type</b>  | <b>Number</b>                                 |
| <b>Application Number:</b>  | 15954943                                      |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  | (612)238-7851                                 |
| <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>   | 612-238-7855                                  |
| <b>Email:</b>   | paralegal@hfglobalip.com                      |
| <b>Correspondent Name:</b>  | HAUKAAS FORTIUS PLLC                          |
| <b>Address Line 1:</b>  | 5100 EDEN AVENUE                              |
| <b>Address Line 2:</b>  | SUITE 303                                     |
| <b>Address Line 4:</b>  | EDINA, MINNESOTA 55436                        |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 520.017US1                                    |
| <b>NAME OF SUBMITTER:</b>   | MICHAEL HAUKAAS                               |
| <b>SIGNATURE:</b>   | / Michael Haukaas /                           |
| <b>DATE SIGNED:</b>   | 08/14/2019                                    |
| <b>Total Attachments: 8</b>   |   |

source=520.017US1 Executed Assignment#page1.tif  
source=520.017US1 Executed Assignment#page2.tif  
source=520.017US1 Executed Assignment#page3.tif  
source=520.017US1 Executed Assignment#page4.tif  
source=520.017US1 Executed Assignment#page5.tif  
source=520.017US1 Executed Assignment#page6.tif  
source=520.017US1 Executed Assignment#page7.tif  
source=520.017US1 Executed Assignment#page8.tif

## ASSIGNMENT

WHEREAS, We/I,

- **Arun Kumar KOTA**, having a correspondence address of 2445 Windrow Drive, Unit A106, Fort Collins, Colorado 80525 USA;
- **Ketul POPAT**, having a correspondence address of P.O. Box 483, Fort Collins, Colorado 80522 USA;
- **Sanli MOVAFAGHI**, having a correspondence address of 1700 West Plum Street, Apt. 56H, Fort Collins, Colorado 80521 USA;
- **Victoria LESZCZAK**, having a correspondence address of P.O. Box 483, Fort Collins, Colorado 80522 USA;
- **Wei WANG**, having a correspondence address of P.O. Box 483, Fort Collins, Colorado 80522 USA;

have made certain new and useful inventions and certain improvements as described and set forth below;

Whereas, Colorado State University Research Foundation, organized under the laws of the state of Colorado and having a place of business at P.O. Box 483, Fort Collins, Colorado 80522 USA (hereinafter referred to as "ASSIGNEE"), desires to acquire my/our entire right, title, and interest to said invention and to any United States and foreign patents to be obtained therefore;

Now therefore, in exchange for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I/WE, the undersigned inventors, hereby sell, assign, and transfer to ASSIGNEE, its successors and assigns, my/our entire right, title and interest in the invention entitled

### HEMOCOMPATIBILITY OF SUPERHEMOPHOBIC TITANIA SURFACES

and described in United States Patent Application No. 15/954,943, filed April 17, 2018, claiming priority from United States Provisional Patent Application No. 62/487,711 filed April 20, 2017, and any and all applications for patent and patents in any and all countries, including all divisions, continuations, reissues, and extensions thereof and all rights of priority resulting from the filing of said United States patent application, and all applications for patent and patents in any and all countries, resulting from the filing of said United States patent application. I/We request the Commissioner of Patents issue any Letters Patent granted upon the inventions set forth in said application to ASSIGNEE, its successors and assigns; and we hereby agree that ASSIGNEE may apply for foreign Letters Patent on said invention and I/We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by ASSIGNEE.

I/We do hereby agree that upon request and without further consideration I/We and our respective executors and legal representatives will communicate to ASSIGNEE or its representatives or nominees any facts known to Me/Us respecting said improvements and testify in any legal proceedings, sign and deliver all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and generally aid the ASSIGNEE, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I, **Arun Kumar KOTA**, have caused this ASSIGNMENT to be signed  
this 22<sup>nd</sup> day of June, 2018.

K. Arun Kumar  
**Arun Kumar KOTA**

STATE OF COLORADO )  
 ) ss.  
COUNTY OF LARIMER )

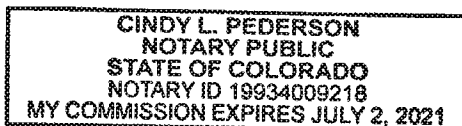
On this 22<sup>nd</sup> day of June, 2018, before me personally appeared  
**Arun Kumar KOTA**, personally known to me or proved to me on the basis of satisfactory evidence to  
be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she  
executed the same of his/her authorized capacity, and that by his/her signature on the instrument, the  
person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:

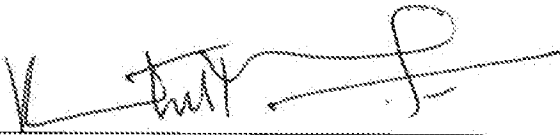
Cindy L. Pederson  
Notary Public

[SEAL]

My Commission expires: July 2, 2021



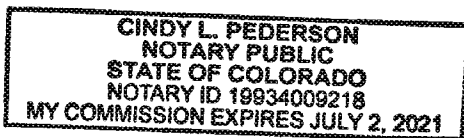
IN TESTIMONY WHEREOF, I, **Ketul POPAT**, have caused this ASSIGNMENT to be signed this  
25<sup>th</sup> day of June, 2018.

  
\_\_\_\_\_  
**Ketul POPAT**

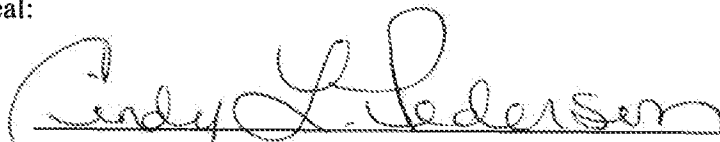
STATE OF COLORADO )  
 ) ss.  
COUNTY OF LARIMER )

On this 25<sup>th</sup> day of June, 2018, before me personally appeared  
**Ketul POPAT**, personally known to me or proved to me on the basis of satisfactory evidence to be the  
person whose name is subscribed to the within instrument, and acknowledged to me that he/she  
executed the same of his/her authorized capacity, and that by his/her signature on the instrument, the  
person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:



[SEAL]

  
\_\_\_\_\_  
Notary Public

My Commission expires July 2, 2021

IN TESTIMONY WHEREOF, I, **Sanli MOVAFAGHI**, have caused this ASSIGNMENT to be signed  
this 22 day of June, 2018.

Sanli Movafaghi  
**Sanli MOVAFAGHI**

STATE OF COLORADO )  
 ) ss.  
COUNTY OF LARIMER )

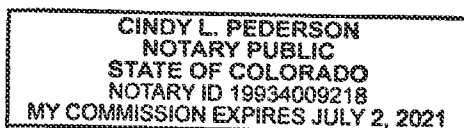
On this 22 day of June, 2018, before me personally appeared  
**Sanli MOVAFAGHI**, personally known to me or proved to me on the basis of satisfactory evidence to  
be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she  
executed the same of his/her authorized capacity, and that by his/her signature on the instrument, the  
person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:

Cindy L. Pederson  
Notary Public

[SEAL]

My Commission expires: July 2, 2021



IN TESTIMONY WHEREOF, I, **Victoria LESZCZAK**, have caused this ASSIGNMENT to be signed this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

**Victoria LESZCZAK**

STATE OF \_\_\_\_\_)  
 \_\_\_\_\_) ss.  
 COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me personally appeared **Victoria LESZCZAK**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same of his/her authorized capacity, and that by his/her signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:

Notary Public

[SEAL]

My Commission expires:\_\_\_\_\_

IN TESTIMONY WHEREOF, I, Wei WANG, have caused this ASSIGNMENT to be signed this  
22 day of June, 2018.

Wei Wang

Wei WANG

STATE OF COLORADO )

) ss.

COUNTY OF LARIMER )

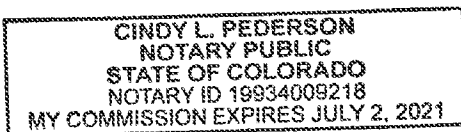
On this 22nd day of June, 2018, before me personally appeared  
Wei WANG, personally known to me or proved to me on the basis of satisfactory evidence to be the  
person whose name is subscribed to the within instrument, and acknowledged to me that he/she  
executed the same of his/her authorized capacity, and that by his/her signature on the instrument, the  
person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:

Cindy L. Pederson  
Notary Public

[SEAL]

My Commission expires: July 2, 2021





## ASSIGNMENT

WHEREAS, We/I,

- **Victoria LESZCZAK MURPHY**, having a correspondence address of P.O. Box 483, Fort Collins, Colorado 80522 USA;

have made certain new and useful inventions and certain improvements as described and set forth below;

Whereas, Colorado State University Research Foundation, organized under the laws of the state of Colorado and having a place of business at P.O. Box 483, Fort Collins, Colorado 80522 USA (hereinafter referred to as "ASSIGNEE"), desires to acquire my/our entire right, title, and interest to said invention and to any United States and foreign patents to be obtained therefore;

Now therefore, in exchange for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I/WE, the undersigned inventors, hereby sell, assign, and transfer to ASSIGNEE, its successors and assigns, my/our entire right, title and interest in the invention entitled

### HEMOCOMPATIBILITY OF SUPERHEMOPHOBIC TITANIA SURFACES

and described in United States Patent Application No. 15/954,943, filed April 17, 2018, claiming priority from United States Provisional Patent Application No. 62/487,711 filed April 20, 2017, and any and all applications for patent and patents in any and all countries, including all divisions, continuations, reissues, and extensions thereof and all rights of priority resulting from the filing of said United States patent application, and all applications for patent and patents in any and all countries, resulting from the filing of said United States patent application. I/We request the Commissioner of Patents issue any Letters Patent granted upon the inventions set forth in said application to ASSIGNEE, its successors and assigns; and we hereby agree that ASSIGNEE may apply for foreign Letters Patent on said invention and I/We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by ASSIGNEE.

I/We do hereby agree that upon request and without further consideration I/We and our respective executors and legal representatives will communicate to ASSIGNEE or its representatives or nominees any facts known to Me/Us respecting said improvements and testify in any legal proceedings, sign and deliver all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and generally aid the ASSIGNEE, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I, Victoria LESZCZAK MURPHY, have caused this ASSIGNMENT  
to be signed this 9<sup>th</sup> day of AUGUST, 2019.

  
Victoria LESZCZAK MURPHY

SIGNED IN THE PRESENCE OF:

1<sup>st</sup> Witness Signature: 

1<sup>st</sup> Witness Printed Name: Jonathan Murphy

2<sup>nd</sup> Witness Signature: 

2<sup>nd</sup> Witness Printed Name: Jakob Gutzmann