

## PATENT ASSIGNMENT COVER SHEET

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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>                                       |
| JAN P. KRAUS  | 05/19/2018  |
| TOMAS MAJTAN  | 05/16/2018  |
| <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, 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>  | 16605918  |
| <b>CORRESPONDENCE DATA</b>  |   |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 2089.1004US371  |
| <b>NAME OF SUBMITTER:</b>   | JESSICA L. CHARLAND   |
| <b>SIGNATURE:</b>   | /Jessica L. Charland/                                       |
| <b>DATE SIGNED:</b>   | 10/23/2019  |
| <b>Total Attachments: 4</b>   |   |
| source=2089.1004PCT_ASSIGNMENT_Inventors to UCD#page1.tif   |   |
| source=2089.1004PCT_ASSIGNMENT_Inventors to UCD#page2.tif   |   |
| source=2089.1004PCT_ASSIGNMENT_Inventors to UCD#page3.tif   |   |
| source=2089.1004PCT_ASSIGNMENT_Inventors to UCD#page4.tif   |   |

## ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, having a place of business at 1800 Grant Street, 8<sup>th</sup> Floor, Denver, Colorado 80203 ("ASSIGNEE"), for itself and its successors, transferees, and assigns (herein "ASSIGNEE") the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

- Application No. PCT/US2018/027854, entitled "OPTIMIZATION OF ENZYME REPLACEMENT THERAPY FOR TREATMENT OF HOMOCYSTINURIA", filed on April 17, 2018 which claims priority to U.S. Application No. 62/486,246 filed April 17, 2017.

2. The entire worldwide right, title, and interest in and to:  
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to sue for and recover damages for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein or provisional rights from any patent application listed herein.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not

Title: OPTIMIZATION OF ENZYME REPLACEMENT THERAPY FOR TREATMENT OF HOMOCYSTINURIA  
Filed: April 17, 2018  
Application No: PCT/US2018/027854

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hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

INVENTOR acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

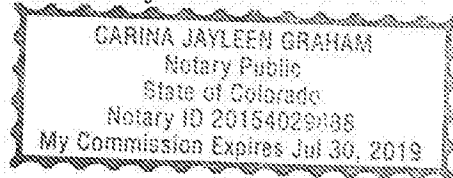
Date May 19, 18 Signature *Jan Kraus*  
Name Jan P. Kraus

STATE OF Colorado )  
 )ss.  
COUNTY OF Jefferson

On May 19, 2018, before me, the undersigned, a Notary Public in and for such State, personally appeared Jan Kraus, personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument.

WITNESS my hand and official seal.

[SEAL]



*[Signature]*  
Notary Public  
My Commission expires on: July 30, 19

Title: OPTIMIZATION OF ENZYME REPLACEMENT THERAPY FOR TREATMENT OF HOMOCYSTINURIA

Filed: April 17, 2018

Application No: PCT/US2018/027854

Date 05/16/2018

Signature \_\_\_\_\_

Name Tomas Maitan

STATE OF Colorado )

)ss.

COUNTY OF Adams )

On May 16, 2018, before me, the undersigned, a Notary Public in and for such State, personally appeared Tomas Maitan, personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument.

WITNESS my hand and official seal.

[SEAL]

Caroline Lee  
Notary Public  
My Commission expires on: 1/26/2022

CAROLINE LEE  
Notary Public  
State of Colorado  
Notary ID # 20184004387  
My Commission Expires 01-26-2022

Title: OPTIMIZATION OF ENZYME REPLACEMENT THERAPY FOR TREATMENT OF  
HOMOCYSTINURIA  
Filed: April 17, 2018  
Application No: PCT/US2018/027854

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The undersigned acknowledges and accepts this assignment on behalf of The Regents of The University of Colorado, A Body Corporate.

Date 8/7/2018 Signature *Kimberly Muller*  
Authorized Representative of The Regents of The University of Colorado, A Body Corporate

STATE OF COLORADO    )  
  )ss.  
COUNTY OF Adams    )

On August 7, 2018, before me, the undersigned, a Notary Public in and for such State, personally appeared Kimberly Muller, personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument.

WITNESS by hand and official seal.

[SEAL].

CAROLINE LEE  
Notary Public  
State of Colorado  
Notary ID # 20184004997  
My Commission Expires 01-26-2022

*Caroline Lee*  
NOTARY PUBLIC  
My Commission expires on: 1/26/2022