

## 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>                 |
| Douglas B. Cowan  | 07/23/2020                            |
| Christina A. Pacak  | 07/13/2021                            |
| <b>RECEIVING PARTY DATA</b>   |                                       |
| <b>Name:</b>  | CHILDREN'S MEDICAL CENTER CORPORATION |
| <b>Street Address:</b>  | 55 SHATTUCK STREET                    |
| <b>City:</b>  | BOSTON                                |
| <b>State/Country:</b>   | MASSACHUSETTS                         |
| <b>Postal Code:</b>   | 02115                                 |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                       |
| <b>Property Type</b>  | <b>Number</b>                         |
| <b>Application Number:</b>  | 15318557                              |
| <b>CORRESPONDENCE DATA</b>  |                                       |
| <b>Fax Number:</b>  | (877)769-7945                         |
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| <b>Email:</b>   | apsi@fr.com                           |
| <b>Correspondent Name:</b>  | KIMBERLY A. REYNOLDS                  |
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| <b>Address Line 4:</b>  | MINNEAPOLIS, MINNESOTA 55440-1022     |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 36443-0026US1                         |
| <b>NAME OF SUBMITTER:</b>   | LAURA MURPHY                          |
| <b>SIGNATURE:</b>   | /Laura Murphy/                        |
| <b>DATE SIGNED:</b>   | 07/30/2021                            |
| <b>Total Attachments: 4</b>   |                                       |
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| source=CMCCAssignment_36443_0026US1#page2.tif   |                                       |
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### ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, DOUGLAS B. COWAN, and CHRISTINA A. PACAK, each individually assign to CHILDREN'S MEDICAL CENTER CORPORATION, a corporation formed under the laws of Massachusetts and having a principal place of business at 55 Shattuck Street, Boston, MA 02115, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "PRODUCTS AND METHODS TO ISOLATE MITOCHONDRIA," and was filed in the United States Patent and Trademark Office on December 13, 2016, as application 15/318,557 and subject of a PCT Application filed on June 12, 2015, and assigned PCT Serial Number PCT/US2015/035584.

This Assignment assigns, in addition to the Subject Matter, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

To the extent any portion of the rights assigned by this Assignment has previously been assigned to the Assignee, this Assignment is a confirmation of the previous assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.



Douglas B. Cowan

Date: July 23, 2020

Witnessed by:

Signature: Stanley Tazbi

Date: 07/23/20


Print Name: Stanley Tazbi

~~Irene Abrams~~  
Vice President, Technology Development and New Ventures

Signature: [Signature] Date: 07/28/21


~~Boston Children's Hospital~~  
Technology & Innovation Development Office (HDO)

Print Name: 300 Longwood Ave., Mailstop 3183  
Boston, MA 02115

  
Christina A. Pacak

Date: 7/13/2021

Witnessed by:

Signature: 

Date: 7/13/2021

Print Name: Peter B. Kang


Signature: 

Date: 7/28/21

Print Name: Irene Aboum

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: CHILDREN'S MEDICAL CENTER CORPORATION

Signature: 

Date: July 28, 2021

Name: Irene Abrams

Vice President, Technology Development and New Ventures

Technology & Innovation Development Office (TIDO)

Boston Children's Hospital

Title: 300 Longwood Ave, Mailstop 3183

Boston, MA 02115

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