

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                                                                                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE                                                           |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                                                                                      |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                                                                                |
| BOSTON CHILDREN'S HOSPITAL                                                                                                                                                                      | 01/07/2020                                                                                           |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                                                                                      |
| <b>Name:</b>                                                                                                                                                                                    | National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government |
| <b>Street Address:</b>                                                                                                                                                                          | NIH Division of Extramural Inventions and Technology Resources (DEITR)                               |
| <b>Internal Address:</b>                                                                                                                                                                        | 6705 Rockledge Drive, Suite 310, MSC 7980                                                            |
| <b>City:</b>                                                                                                                                                                                    | Bethesda                                                                                             |
| <b>State/Country:</b>                                                                                                                                                                           | MARYLAND                                                                                             |
| <b>Postal Code:</b>                                                                                                                                                                             | 20892-7980                                                                                           |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                                                                      |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                                                                                        |
| Application Number:                                                                                                                                                                             | 15816083                                                                                             |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                                                                                      |
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| <b>Address Line 4:</b>                                                                                                                                                                          | BETHESDA, MARYLAND 20892-7980                                                                        |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | DIRECTOR, DEITR                                                                                      |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /DIRECTOR, DEITR/                                                                                    |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 08/02/2022                                                                                           |
| <b>Total Attachments: 1</b>                                                                                                                                                                     |                                                                                                      |
| source=15816083#page1.tif                                                                                                                                                                       |                                                                                                      |

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Invention Title: TARGETING BCL11A DISTAL REGULATORY ELEMENTS FOR FETAL HEMOGLOBIN REINDUCTION

Inventor(s): Stuart H Orkin, Jian Xu, Daniel E Bauer

U.S. Filing/Issue Date: 11/17/2017

Patent or Application Serial No.: 15/816,083

Grant/Contract Number(s): HL032259, DK093705

Foreign Applications filed/intended in (countries): \_\_\_\_\_

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14, FAR 52.227-11** or **FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

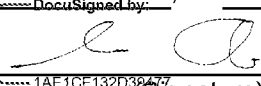
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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 1/7/2020 day of \_\_\_\_\_, 20\_\_\_\_.

By Irene Abrams

(Institutional Business Official)

DocuSigned by:  20\_\_\_\_  
1AE1CF132D38477 (Signature)

Title VP

For BOSTON CHILDREN'S HOSPITAL

(Grantee/Contractor Organization)

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