

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6946208

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ARI E. FRIEDLAND	01/23/2020
HARIHARAN JAYARAM	01/31/2020
BARRETT ETHAN STEINBERG	01/24/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EDITAS MEDICINE, INC.
<b>Street Address:</b>	11 HURLEY STREET
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02141
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17332764
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(212)408-2501
<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>	12124082500
<b>Email:</b>	dlnydocket@bakerbotts.com
<b>Correspondent Name:</b>	BAKER BOTTS L.L.P.
<b>Address Line 1:</b>	30 ROCKEFELLER PLAZA
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10112
<b>ATTORNEY DOCKET NUMBER:</b>	084177.0249
<b>NAME OF SUBMITTER:</b>	HIROKO LAVIETES
<b>SIGNATURE:</b>	/Hiroko Lavietes/
<b>DATE SIGNED:</b>	09/30/2021
<b>Total Attachments: 10</b>	
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**CONFIRMATORY PATENT ASSIGNMENT**

This Confirmatory Patent Assignment is dated effective 1/23/20, and is by and between Ari E. Friedland, of 661 Tremont St #5, Boston, MA 02118, ("Assignor"), and Editas Medicine, Inc., a corporation having a business address at 11 Hurley Street, Cambridge, MA 02141, ("Assignee").

WHEREAS, Assignor assigned to Assignee all of his right, title and interest in and to U.S. patent application no. 15/832,567, filed on December 5, 2017 (now U.S. Patent No. 9,963,719), and entitled, SYSTEMS AND METHODS FOR ONE-SHOT GUIDE RNA (ogRNA) TARGETING OF ENDOGENOUS AND SOURCE DNA ("the '567 Application").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby confirms having assigned, transferred, conveyed, and delivered to Assignee, its successors and assigns, all right, title, and interest of Assignor in and to the '567 Application; the same to be held and enjoyed by Assignee for its own use and enjoyment and for the use and enjoyment of its successors, assigns and other legal representatives, to the end of the term or terms for which the Patent Applications are issued, granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, including, but not limited to: (1) the right to file patent, utility model, or other applications, including the '567 Application, ("the Patent Applications") on any invention or discovery disclosed in the '567 Application; (2) all rights to claim priority from the Patent Applications or from any application from which any of the Patent Applications claim priority in all countries and regions under the Paris Convention for the Protection of Industrial Property, the WTO GATT TRIPS Agreement, the Inter-American Convention relating to Inventions, Patents, Designs, and Industrial Models and all other international agreements to which the United States now is or hereafter becomes a signatory; and (3) all continuations, continuations-in-part, divisionals, reexaminations, and reissues of any United States patent application(s) or international patent application(s) designating the United States, any national stages of any international application(s), and any other patent application(s) described in (1) and/or (2), including further continuations, continuations-in-part, and divisionals such as, but not limited to, continuations of continuations and continuations of divisionals.

Assignee hereby confirms receipt of the entire right, title and interest in and to the '567 Application.

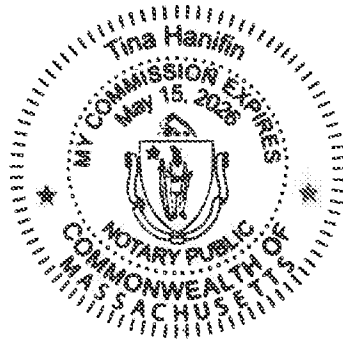
IN TESTIMONY WHEREOF, the undersigned has caused this Confirmatory Patent Assignment to be duly executed and delivered on this 23 day of January, 2020.

Date: 1/23/20

Ari E. Friedland  
Ari E. Friedland

United States of America )  
County of Massachusetts ) ss.:  
Worcester )

On this 23 day of January, 2020, before me  
personally came Ari E. Friedland, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

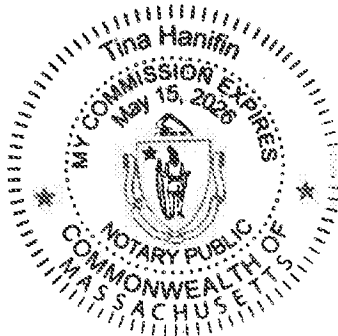


Tina Hanifin  
Notary Public -- Tina Hanifin

*Charles*

**Title: Senior Vice President and Chief Legal Officer**

On this 3rd day of February, 2020, before me personally came Charlene Stern, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



492

**CONFIRMATORY PATENT ASSIGNMENT**

This Confirmatory Patent Assignment is dated effective \_\_\_\_\_, and is by and between Hariharan Jayaram, of 184 Raymond Street, Cambridge, MA 02140, ("Assignor"), and Editas Medicine, Inc., a corporation having a business address at 11 Hurley Street, Cambridge, MA 02141, ("Assignee").

WHEREAS, Assignor assigned to Assignee all of his right, title and interest in and to U.S. patent application no. 15/832,567, filed on December 5, 2017 (now U.S. Patent No. 9,963,719), and entitled, SYSTEMS AND METHODS FOR ONE-SHOT GUIDE RNA (ogRNA) TARGETING OF ENDOGENOUS AND SOURCE DNA ("the '567 Application").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby confirms having assigned, transferred, conveyed, and delivered to Assignee, its successors and assigns, all right, title, and interest of Assignor in and to the '567 Application; the same to be held and enjoyed by Assignee for its own use and enjoyment and for the use and enjoyment of its successors, assigns and other legal representatives, to the end of the term or terms for which the Patent Applications are issued, granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, including, but not limited to: (1) the right to file patent, utility model, or other applications, including the '567 Application, ("the Patent Applications") on any invention or discovery disclosed in the '567 Application; (2) all rights to claim priority from the Patent Applications or from any application from which any of the Patent Applications claim priority in all countries and regions under the Paris Convention for the Protection of Industrial Property, the WTO GATT TRIPS Agreement, the Inter-American Convention relating to Inventions, Patents, Designs, and Industrial Models and all other international agreements to which the United States now is or hereafter becomes a signatory; and (3) all continuations, continuations-in-part, divisionals, reexaminations, and reissues of any United States patent application(s) or international patent application(s) designating the United States, any national stages of any international application(s), and any other patent application(s) described in (1) and/or (2), including further continuations, continuations-in-part, and divisionals such as, but not limited to, continuations of continuations and continuations of divisionals.

Assignee hereby confirms receipt of the entire right, title and interest in and to the '567 Application.

IN TESTIMONY WHEREOF, the undersigned has caused this Confirmatory Patent Assignment to be duly executed and delivered on this \_\_\_\_ day of \_\_\_\_\_, 2020.

Date: 1/31/2020

*[Signature]*

Hariharan Jayaram

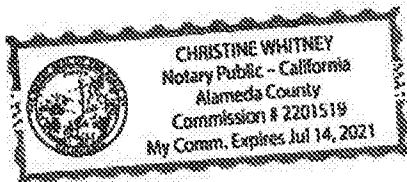
United States of America )

County of

Alameda

) ss.:

On this 31<sup>st</sup> day of JANUARY, 2020, before me personally came HARIHARAN JAYARAM, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



*[Signature]*  
Notary Public - Christine Whitney

## ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Alameda)

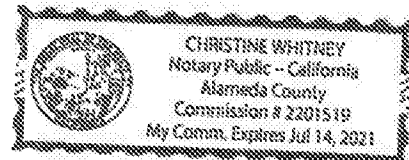
On January 31, 2020 before me, Christine Whitney, Notary Public  
(insert name and title of the officer)

personally appeared Harisharan Jayaram  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Signature Christine Whitney (Seal)





Date: Feb 3, 2020

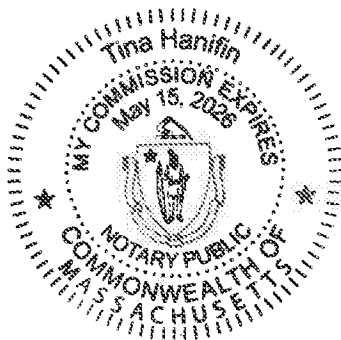
Charlene Stern

Name: Charlene Stern

Title: Senior Vice President and Chief Legal Officer

United States of America )  
Massachusetts ) ss.:  
County of Middlesex )

On this 3rd day of February, 2020, before me  
personally came Charlene Stern, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.



Tina Hanifin  
Notary Public Tina Hanifin

**CONFIRMATORY PATENT ASSIGNMENT**

This Confirmatory Patent Assignment is dated effective 1/24/20, and is by and between Barrett Ethan Steinberg, of 11 Hurley Street, Cambridge, MA 02141, ("Assignor"), and Editas Medicine, Inc., a corporation having a business address at 11 Hurley Street, Cambridge, MA 02141, ("Assignee").

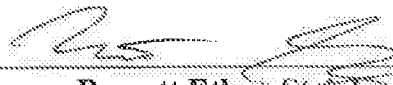
WHEREAS, Assignor assigned to Assignee all of his right, title and interest in and to U.S. patent application no. 15/832,567, filed on December 5, 2017 (now U.S. Patent No. 9,963,719), and entitled, SYSTEMS AND METHODS FOR ONE-SHOT GUIDE RNA (ogRNA) TARGETING OF ENDOGENOUS AND SOURCE DNA ("the '567 Application").

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Assignee hereby confirms receipt of the entire right, title and interest in and to the '567 Application.

IN TESTIMONY WHEREOF, the undersigned has caused this Confirmatory Patent Assignment to be duly executed and delivered on this 24 day of January, 2020.

Date: 1/24/20

  
Barrett Ethan Steinberg

United States of America )

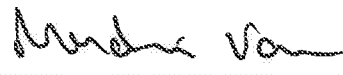
County of

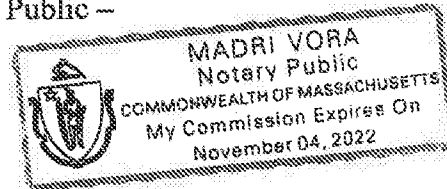
MA

) ss.:

Middlesex

On this 24th day of January, 2020, before me  
personally came MA Driver's License, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

  
Notary Public -



Date: Feb 3, 2020

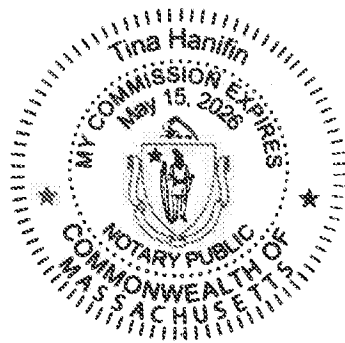
Charlene Stern

Name: Charlene Stern

Title: Senior Vice President and Chief Legal Officer

United States of America )  
Massachusetts ) ss.:  
County of Middlesex )

On this 3rd day of February, 2020, before me  
personally came Charlene Stern, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.



Tina Hanifin  
Notary Public Tina Hanifin