

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PHILLIP D. ZAMORE	11/03/2015
JENNIFER BRODERICK	10/16/2015
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16722762
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ATTORNEY DOCKET NUMBER:	619572: UM9-200CON
NAME OF SUBMITTER:	JAMES H. VELEMA
SIGNATURE:	/James H. Velema/
DATE SIGNED:	07/22/2021
Total Attachments: 5	
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ASSIGNMENT

WHEREAS, We **Phillip D. Zamore** of Northborough, Massachusetts, a citizen of The United States and **Jennifer Broderick** of Worcester, Massachusetts, a citizen of The United States; have invented certain new and useful

RNA-MODULATING AGENTS

U.S. Serial No.: 14/866,186, filed September 25, 2015

for which we are about to make or have made application for Letters Patent of the United States; and

WHEREAS, **University of Massachusetts**, a University having its principal place of business at 225 Franklin Street, Boston, Massachusetts 02110, is desirous of acquiring all rights, title and interests in and to said invention, said applications, and in and to any and all Letters Patent which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, **Phillip D. Zamore** and **Jennifer Broderick**, have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said **University of Massachusetts**, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said applications;
- (c) any and all refilings, divisions, continuations and continuations-in-part of said applications;
- (d) any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions, continuations and continuations-in-part;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;

(f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;

(g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) all claims, causes of action and damages for past infringement, if any, of said application;

(i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

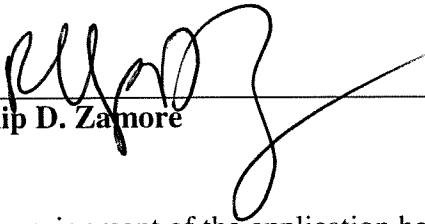
(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

We, **Phillip D. Zamore** and **Jennifer Broderick**, further agree that upon request we will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to **University of Massachusetts**, or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said **University of Massachusetts**, for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

This assignment to have effect as of the Filing date **September 25, 2015**.

11/3/15
Date:


Phillip D. Zamore

Signed in my presence and acknowledged to be an assignment of the application herein above referred to:

WITNESS

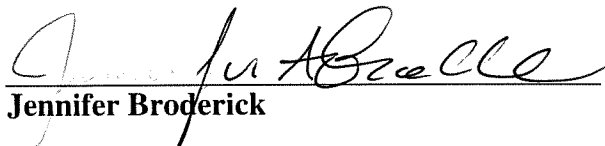
Worcester, MA
Signed At (City/State)

Amy Rucker
Name


Signature

11/3/2015
Date

October 16, 2015
Date:

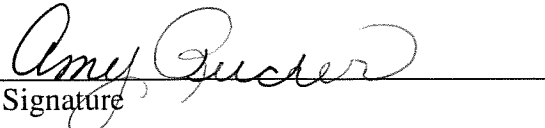

Jennifer Broderick

Signed in my presence and acknowledged to be an assignment of the application herein above referred to:

WITNESS

Worcester, MA
Signed At (City/State)

Amy Rucker
Name


Signature

10/16/15
Date

CONFIRMATION OF ASSIGNMENT

Confirmation of Assignment made 9-25, 2015 by Phillip David Zamore, PhD ("Inventor") to the Howard Hughes Medical Institute, a Delaware corporation ("HHMI").

Recitals

WHEREAS, Inventor is an employee of HHMI and, as a condition of his employment, has signed the Intellectual Property Assignment Agreement (the "Intellectual Property Agreement");

WHEREAS, pursuant to the Intellectual Property Agreement, Inventor (a) assigned to HHMI all rights he had in any intellectual property resulting from research by HHMI employees, alone or with others, whether or not patentable or copyrightable, and whether funded in whole or in part by HHMI (each a "Subject Property") and (b) agreed to execute any agreements that may be desired by HHMI in connection with such assignment;

WHEREAS, Inventor has, alone or with others invented "Development of Anti-Angiogenic miRNA Therapeutics for Corneal Neovascularization" which may be the subject of a patent application (the "Invention"), and the Invention is a Subject Property; and

WHEREAS, Inventor seeks to confirm the assignment of his interest in the Invention to HHMI, and HHMI desires the execution of a confirmatory assignment of all of Inventor's right, title, and interest in the Invention.

NOW, THEREFORE, in consideration of the promises contained in and the acts performed and to be performed pursuant to the Intellectual Property Agreement and of other good and valuable consideration, the receipt of which is hereby acknowledged by Inventor, Inventor agrees as follows:

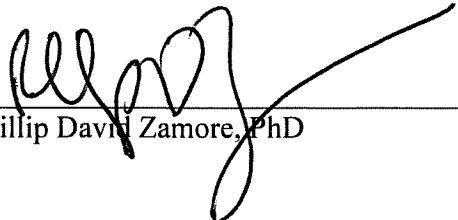
1. Assignment. Inventor hereby confirms the assignment to HHMI of his entire right, title, and interest in the Invention; any United States patent applications and all corresponding foreign patent applications which are directed to the Invention and any and all patents issued therefrom; all United States or foreign division and continuation applications based on any of the foregoing, and any and all patents issued therefrom; and all claims which are directed to the Invention and which may be contained in continuation-in-part applications or in patents which issue therefrom.

2. Cooperation. Inventor further confirms that Inventor agreed to execute upon request such further confirmatory assignments, documents, and other instruments as may be requested by HHMI in connection with the Invention and to assist HHMI (or others at the direction of HHMI) in applying for, obtaining, and enforcing patents, copyrights, or other rights in the United States and in any foreign country with respect to the Invention.

3. Parties. The terms and provisions of the Assignment shall inure to the benefit of HHMI and its successors and assigns and shall be binding on the Inventor and his heirs, personal representatives, successors and assigns.

4. Warranty. Inventor warrants and represents that he has not entered into any assignment, contract, or understanding in conflict herewith.

Inventor:

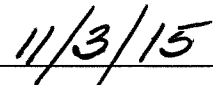


Phillip David Zamore, PhD

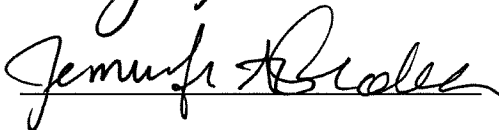
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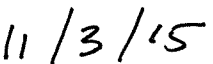
Date:



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HHMI 06154