

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ALAN RICHARD BROOKS	08/22/2019
RECEIVING PARTY DATA		
Name:	CASEBIA THERAPEUTICS LIMITED LIABILITY PARTNERSHIP	
Street Address:	455 MISSION BAY BOULEVARD SOUTH	
City:	SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94158	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16849796
CORRESPONDENCE DATA		
Fax Number:	(617)535-3800	
<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>		
Phone:	6175353981	
Email:	cameyer@mwe.com, IPDocketBoston@mwe.com	
Correspondent Name:	MCDERMOTT WILL & EMERY	
Address Line 1:	200 CLARENDON STREET	
Address Line 2:	58TH FLOOR	
Address Line 4:	BOSTON, MASSACHUSETTS 02116-5021	
ATTORNEY DOCKET NUMBER:	095136-0130 (2 OF 3)	
NAME OF SUBMITTER:	CASSANDRA MEYER	
SIGNATURE:	/Cassandra Meyer/	
DATE SIGNED:	03/21/2022	
Total Attachments: 3		
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ASSIGNMENT

I, **Alan Richard Brooks**, am the sole inventor of the invention(s) identified below:

United States Application No.: **62/857,782**, filed **June 5, 2019**, entitled
**GENE EDITING FOR HEMOPHILIA A WITH IMPROVED
FACTOR VIII EXPRESSION.**

I, the undersigned, hereinafter referred to as the ASSIGNOR, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that I have assigned, sold and transferred, and do hereby assign, sell and transfer to:

Assignee: **Casebia Therapeutics Limited Liability Partnership**
Address: **455 Mission Bay Boulevard South
San Francisco, California 94158, USA**

and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) my entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in these applications including any subsequently filed utility applications, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my name as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) my entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) my entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications; (5) all claims for damages by reason of past infringement of any rights under the applications or patents described in (1), (2), (3) or (4) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d) for any Letters Patent which may issue thereon in the United States) and the right to sue for and collect such damages and royalties for Assignees' own use.


I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of my entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

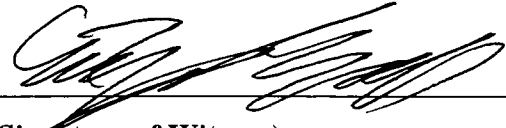
I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE 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.

Date: 8-22-19 
Signature of: **Alan Richard BROOKS**

IN WITNESS WHEREOF, I, Guy Sebald, hereby declare
(Printed Name of Witness)


that I was personally present and did see the above named person duly sign and execute the assignment.


(Signature of Witness)

Date: 8/22/19

IN WITNESS WHEREOF, I, Rasha Stankovich, hereby declare
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.


(Signature of Witness)

Date: 8/22/19