505992270 03/31/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIRTHA CHAKRABORTY	03/23/2018
MICHELLE I-CHING LIN	04/27/2018

RECEIVING PARTY DATA

Name:	CRISPR THERAPEUTICS AG
Street Address:	BAARERSTRASSE 14
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16267693

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ATTORNEY DOCKET NUMBER:	C1542.70033US01	
NAME OF SUBMITTER:	MATTHEW S. BEYERSDORF	
SIGNATURE:	/Matthew S. Beyersdorf/	
DATE SIGNED:	03/31/2020	

Total Attachments: 5

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PATENT 505992270 REEL: 052267 FRAME: 0654

Attorney's Docket No. 170781P/CT103-P1	PATENT
For: [For: [For: [☑ U.S. and/or ☑ Foreign Rights ☑ U.S. Application or ☑ U.S. Provisional Application ☑ U.S. Patent ☑ PCT Application ⁄ultiple Inventors
Serial No. <u>62/626.423</u>	
Filing Date February 5, 2018	
ASSIGNMENT OF INVENTION	(MULTIPLE INVENTORS)
In consideration of the payment by ASSIGNEE to A receipt of which is hereby acknowledged, and for other	
ASSIGNORS (Inventors)	
Tirtha Chakraborty (type or print name of inventors)	610 Main Street, North Building, 6 th Floor <u>Cambridge, MA 02139</u> Address
Michelle I-Ching Lin (type or print name of inventors)	610 Main Street, North Building, 6 th Floor Cambridge, MA 02139 Address
hereby sell, assign and transfer to ASSIGNEE	
CRISPR Therapeutics AG (type or print name of ASSIGNEE)	Baarerstrasse 14 Address
	6300 Zug, CH
and the successors, assigns and legal representatives	of the ASSIGNEE
the entire right, title and interest	
oxtimes and in all foreign countries, including all rigin all foreign countries, in and to any and all improveme	ghts to claim priority both in the United States and into which are disclosed in the invention entitled:
MATERIALS AND METHODS FOR TREAT	MENT OF HEMOGLOBINOPATHIES
and which is found in:	
(a) U.S. patent application executed on even	en date herewith;
(b) 🛛 U.S. application no.: <u>62/626,423</u> filed	l on <u>February 5, 2018</u>
(c) International application no.	filed on
	country, including the right to claim priority both in

(Assignment of Invention-Multiple Inventors [16-3.2]-page 1)

Atty. Docket No. 170781P/CT103-P1

said invention by the above application or any continuation, division, renewal, non-provisional, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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

ASSIGNORS 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 ASSIGNOR 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.

IN WITNESS WHEREOF, We have hereunto set hand and seal on the date(s) indicated below.

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

INVENTOR SIGNATURES BEGIN ON NEXT PAGE

(Assignment of Invention-Multiple Inventors [16-3.2]-page 2)

Date: 03/13/10[8	Tirtha Chakraborty INVENTOR	i.
COMMONWEALTH OF MASSACHUSETTS	ss ss	
COUNTY OF MIDDLESEX	j	
Tirtha Chakraborty, proved to me on the basis subscribed to the within instrument and ackno	personally appeared personally appeared sof satisfactory evidence to be the person whose name owledged to me that he/she executed the same in his/he ure on the instrument the person, or the entity upon befurnent.	is er
WITNESS my hand and official seal.	KAREN A. WOOD Notary Public COMMONWEALTH OF MASSACHUSETTS	
	My Commission Expires November 29, 2024	

	Atty. Docket No. 170781P/CT103-P1
Date: April 27, 2018	Michelle 1-Ching Lin INVENTOR
COMMONWEALTH OF MASSACHUSETTS	}
COUNTY OF MIDDLESEX	}
subscribed to the within instrument and acknowle	of satisfactory evidence to be the person whose name is edged to me that he/she executed the same in his/her on the instrument the person, or the entity upon behalf
WITNESS my hand and official seal. Signature	KAREN A. WOOD Notary Public COMMONMEALTH OF MASSACHUSETT My Commission Expires November 29, 2024 (Seal)

Atty. Docket No. 170781P/CT103-P1

Rodger Novak	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
(Officer of ASSIGNEE)	Signature of officer of ASSIGNEE	
President (Title of Officer of ASSIGNEE)	*	

(Assignment of Invention-Multiple Inventors [16-3.2]-page 5)