506655262 05/11/2021

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT6702073

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHENGJIANG LIU	04/21/2021
JUNE XIAOJUN ZOU	04/22/2021
JANICE HSIU MEI LEE	04/26/2021

RECEIVING PARTY DATA

Name:	BAYER HEALTHCARE LLC
Street Address:	100 BAYER BOULEVARD
Internal Address:	PO BOX 915
City:	WHIPPANY
State/Country:	NEW JERSEY
Postal Code:	07981

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17292652	

CORRESPONDENCE DATA

Fax Number:

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.

Email: uspoccs@bayer.com

Correspondent Name: BAYER HEALTHCARE LLC

Address Line 1: 1 BAYER DRIVE

Address Line 4: INDIANOLA, PENNSYLVANIA 15051

ATTORNEY DOCKET NUMBER: BHC185003 PCT-US

NAME OF SUBMITTER: JACQUELINE FINCH

SIGNATURE: /Jacqueline Finch/

DATE SIGNED: 05/11/2021

Total Attachments: 12

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PATENT 506655262 REEL: 056195 FRAME: 0412

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PATENT REEL: 056195 FRAME: 0413

<u>ASSIGNMENT</u>

WHEREAS, I/We, the undersigned inventor(s) (hereinafter collectively referred to as ASSIGNOR), have invented a certain invention entitled:

VIRAL INACTIVATION METHODS FOR CONTINUOUS MANUFACTURING OF ANTIBODIES

which is described in:	
☐ the attached specification and dr	awings

☑ International Patent Application No. PCT/US2019/061436, filed on November 14, 2019;

WHEREAS, Bayer HealthCare LLC, a company organized and existing under the laws of the State of Delaware and having a place of business at 100 Bayer Boulevard, Whippany NJ 07981 (hereinafter referred to as ASSIGNEE), desires to acquire the entire worldwide right, title, and interest in and to the invention and all patent applications and patents directed thereto; and

☐ United States Patent Application No. _______ filed on ______;

WHEREAS, ASSIGNOR acknowledges a prior obligation to assign the invention(s) to ASSIGNEE.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, ASSIGNOR hereby assigns and transfers to ASSIGNEE, its successors and assigns, the full and exclusive worldwide right, title and interest in and to the invention, the above-identified patent application and all other patent applications and patents directed to the invention which may be filed for or granted in the United States or any other country or jurisdiction, including any continuing application, divisional, renewal, substitute, reissue, reexamination, post-grant proceeding, or extension thereof, and the right to claim priority to any such patent application or patent, for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States patents directed to the invention to ASSIGNEE. ASSIGNOR further irrevocably designates and appoints ASSIGNEE and its counsel as his/her attorney-in-fact and agent to act for and on his/her behalf to execute and file any document and to do all other lawfully permitted acts to further the purposes of this Agreement with the same legal force and effect as if executed by ASSIGNOR himself/herself. ASSIGNOR acknowledges that ASSIGNEE is the real party in interest to all patent applications described in connection with this Agreement, and to all patent rights granted thereon.

ASSIGNOR hereby authorizes and requests ASSIGNEE and its counsel to insert, in the spaces provided, any further identification, including the filling date and application number, when known, which may be necessary or desirable for purposes of recordation of this Assignment.

PATENT REEL: 056195 FRAME: 0414

ASSIGNOR further covenants to promptly execute and deliver to ASSIGNEE or its legal representative all papers deemed necessary by ASSIGNEE to perfect title in the invention and apply for, maintain, and enforce related patent applications and patents, to provide ASSIGNEE with all pertinent facts and documents relating thereto, and to testify as to the same in any litigation or other proceeding.

IN WITNESS WHEREOF, I/we have hereunto respectively signed on the date(s) shown below:

FULL NAME OF INVENTOR:	Shengjiang Liu
SIGNATURE	Shanging Liu
DATE:	<u>-04/21/2021</u>
FULL NAME OF INVENTOR:	June Xiaojun Zou
SIGNATURE	
DATE:	
FULL NAME OF INVENTOR:	Janice Hsiu Mei Lee
SIGNATURE	
DATE:	

I hereby accept this assignment on behalf Bayer HealthCare LLC. I declare that I authorized to and have signed this document on behalf of Bayer HealthCare LLC.

Dated:	 Ву:	
	Name:	Aseem V. Mehta
	Title:	Assistant Secretary

PATENT REEL: 056195 FRAME: 0416

ASSIGNMENT

WHEREAS, I/We, the undersigned inventor(s) (hereinafter collectively referred to as ASSIGNOR), have invented a certain invention entitled:

VIRAL INACTIVATION METHODS FOR CONTINUOUS MANUFACTURING OF ANTIBODIES

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	United States Patent Application Nofiled on
×	International Patent Application No. PCT/US2019/061436, filed on November 14, 2019;

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FULL NAME OF INVENTOR:	Shengjiang Liu	
SIGNATURE		
DATE:		
FULL NAME OF INVENTOR:	June Xiaojun Zou	
SIGNATURE	mx fr.	
DATE:	2021-04-22	
FULL NAME OF INVENTOR:	Janice Hsiu Mei Lee	
SIGNATURE		
DATE:		

I hereby accept this assignment on behalf Bayer HealthCare LLC. I declare that I authorized to and have signed this document on behalf of Bayer HealthCare LLC.

Dated:	By:	
	Name:	Aseem V. Mehta
	Title:	Assistant Secretary

<u>ASSIGNMENT</u>

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State of Delaw	are s	and having a place of business at 100 Baye	er Boulevard, Whippan	y NJ 07981 (hereinafter
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and all patent a	ilaas	cations and patents directed thereto; and		

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FULL NAME OF INVENTOR:	Shengjiang Liu
SIGNATURE	
DATE:	
FULL NAME OF INVENTOR:	June Xiaojun Zou
SIGNATURE	
DATE:	
FULL NAME OF INVENTOR:	Janice Hsiu Mei Lee
SIGNATURE	gaille.
DATE:	4/26/2021

I hereby accept this assignment on behalf Bayer HealthCare LLC. I declare that I authorized to and have signed this document on behalf of Bayer HealthCare LLC.

Dated:	 Ву:	
	Name:	Aseem V. Mehta
	Title:	Assistant Secretary

ASSIGNMENT

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REEL: 056195 FRAME: 0423

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FULL NAME OF INVENTOR:	Shengjiang Liu
SIGNATURE	
DATE:	
FULL NAME OF INVENTOR:	June Xiaojun Zou
SIGNATURE	
DATE:	
FULL NAME OF INVENTOR:	Janice Hsiu Mei Lee
SIGNATURE	
DATE:	

REEL: 056195 FRAME: 0424

I hereby accept this assignment on behalf Bayer HealthCare LLC. I declare that I authorized to and have signed this document on behalf of Bayer HealthCare LLC.

Dated: 494/50,2021

Вус

lame: Aseem V. Mehta

Title:

Assistant Secretary

RECORDED: 05/11/2021

REEL: 056195 FRAME: 0425