PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIAO-YAN ZHAO	03/17/2021
JI-YUN KIM	02/05/2021
SUBRAMANIAN YEGNESWARAN	04/23/2020
KARIN REGNSTROM	05/17/2020
XINQUAN WANG	04/24/2020

RECEIVING PARTY DATA

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Street Address:	100 BAYER BOULEVARD
City:	WHIPPANY
State/Country:	NEW JERSEY
Postal Code:	07981

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15775056

CORRESPONDENCE DATA

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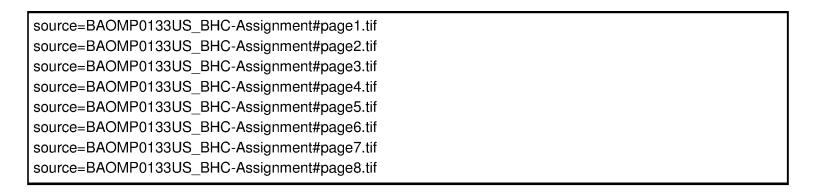
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NAME OF SUBMITTER:	STEVEN L. HIGHLANDER	
SIGNATURE:	/Steven L. Highlander/	
DATE SIGNED:	04/06/2021	

Total Attachments: 8

PATENT REEL: 055840 FRAME: 0289

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PATENT REEL: 055840 FRAME: 0290

ASSIGNMENT

This Patent Assignment ("Assignment") is made and entered into as of by and between Xiao-Yan ZHAO, , Ji-Yun KIM, Subramanian YEGNESWARAN, Karin REGNSTROM, , and Xinquan WANG, (the "Assignor(s)") and BAYER HEALTHCARE LLC, a limited liability company organized and existing under the laws of Delaware, having a place of business at 100 Bayer Boulevard, Whippany, NJ 07981 (the "Assignee").

WHEREAS, Assignor(s) has agreed to assign and transfer to Assignee, and Assignee has agreed to acquire and accept from Assignor(s), Assignor(s)'s rights in the following patent application (the "Assigned Patents"):

U.S. Patent Application No. 15/775,056, filed May 10, 2018, entitled "EPITOPE OF OPTIMIZED HUMANIZED MONOCLONAL ANTIBODIES AGAINST ACTIVATED PROTEIN C AND USES THEREOF," which is a national phase application under 35 U.S.C. § 371 of International Application No. PCT/US2016/062047, filed November 15, 2016, which claims priority to U.S. Provisional Patent Application No. 62/256,582, filed November 17, 2015.

NOW, THEREFORE, in consideration of the premises, mutual covenants and provisions herein contained, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the parties hereto agree to execute this Assignment, as follows:

- 1.0 Assignment. The Assignor(s) has assigned and/or by these presents does hereby assign, transfer and convey unto Assignee, the Assignor(s)'s whole and entire right, title and interest for the United States and all other countries throughout the world (i) in and to the inventions claimed or disclosed in the Assigned Patents, including all patents granting from the Assigned Patents or any continuation, continuation-in-part, division, renewal, substitute, reexamination or reissue thereof, including any patents in the United States and in all other countries throughout the world obtained based upon a claim of priority to any said Assigned Patents as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law, as well as the right to claim priority to any said Assigned Patents as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law, and (ii) in and to all rights to sue for and collect damages resulting from past, present and future infringement of said patents and patent applications in (i).
- **2.0 Enjoyment.** The patents and patent applications subject to Paragraph 1 shall be held and enjoyed by Assignee, for Assignee's use and benefit, and for Assignee's legal representatives and assigns, to the full end of the term or terms for which same may be granted, as fully and entirely as the same would have been held by Assignee had this assignment and transfer not been made.
- **3.0 Authorize and Request.** Assignor(s) authorizes and requests the issuing authority to issue any and all United States and foreign patents granted on such patents and patent applications in 1.0(i) to the Assignee.

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- **4.0 Warrant and Covenant.** Assignor(s) warrants and covenants that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the Assignor(s), and that the full right to convey the same as herein expressed is possessed by the Assignor(s).
- **5.0 Assistance.** The parties to this Assignment shall use commercially reasonable efforts to take, or cause to be taken, all actions, and to do, or cause to be done, all things, necessary or advisable to consummate the transactions contemplated by this Assignment. Without limiting the foregoing, each of Assignor(s) and Assignee shall cooperate with the other without any further consideration to execute and deliver, or use commercially reasonable efforts to cause to be executed and delivered, all documents as may reasonably be necessary to secure the vesting in Assignee of all rights assigned to Assignee by this Assignment, including without limitation any documents required to record this Assignment with local patent offices, and all rightful oaths, declarations, and other papers.
- **6.0 Binding.** The Assignment is binding on the heirs, assigns, representatives and successors of the Assignor(s) and extends to the successors, assigns and nominees of the Assignee.
- **7.0 Effectiveness.** The assignment of said inventions is or was effective as of the earlier of (1) the date of execution of the Assignor(s) indicated below or (2) the filing date of the first filed of the patent applications of the Assigned Patents.

(Signature page follows)

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IN WITNESS WHEREOF, <u>Xiao-Yan ZHAO</u> has executed this Patent Assignment, or has caused this Patent Assignment to be executed on his/her behalf by a representative duly authorized, all as of the date set forth below.

Xiao-Yan ZHAO

Signature:

Date: 2021-03-17

IN WITNESS WHEREOF, <u>Subramanian YEGNESWARAN</u> has executed this Patent Assignment, or has caused this Patent Assignment to be executed on his/her behalf by a representative duly authorized, all as of the date set forth below.

Subramanian YEGNESWARAN

Signature:

Date:

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IN WITNESS WHEREOF, Ji-Yun KIM has executed this Patent Assignment, or has caused this Patent Assignment to be executed on his/her behalf by a representative duly authorized, all as of the date set forth below.

Ji-Yun KIM

Signature: Stylen Signature: S

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REEL: 055840 FRAME: 0295

PH Ref: BAOM,P0133US BHC Ref: BHC-155017 PCT-US

IN WITNESS WHEREOF, Karin REGNSTROM has executed this Patent Assignment, or has caused this Patent Assignment to be executed on his/her behalf by a representative duly authorized, all as of the date set forth below.

Karin REGNSTROM

Signature: 17 Hay 2020

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REEL: 055840 FRAME: 0296

PH Ref: BAOM PENSUS BNC Ref: BNC-135817 PCT-US

th WITNESS WHEREOF, <u>Xinguan WANG</u> has executed this Potent Assignment, or has caused this Potent Assignment to be executed on likelier behalf by a representative duly authorized, all as of the date set furth below.

Xisqone WANG

Signature Wong Xing # 5-

Date: 04/24/2020

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(ES. Patent Application No. 15/775/356

PATENT REEL: 055840 FRAME: 0297

PH Ref. BAOM P0133US BHC Ref. BHC-155017 PCT-US

IN WITNESS WHERFOR Assigned has executed this Patent Assignment, or has caused this Patent Assignment to be executed on its behalf by a representative duly authorized.

BAYER HEALTHCARE LLC

Name: Aseem V. Mehta

Title: Assistant Secretary, Bayer HealthCare

Date Familiary 22 2020

REEL: 055840 FRAME: 0298