507377981 07/11/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7424905

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PATRICIA IBARRA YON	11/27/2015

RECEIVING PARTY DATA

Name:	CRUCELL SWITZERLAND AG
Street Address:	RHHAGSTRASSE 79
City:	BERN
State/Country:	SWITZERLAND
Postal Code:	CH-3018

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16781526

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: liz.seggern@icemiller.com

Correspondent Name: ICE MILLER LLP

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Address Line 2: **SUITE 3900**

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	004852.11066/8US4	
NAME OF SUBMITTER:	LIZ SEGGERN	
SIGNATURE:	/Liz Seggern/	
DATE SIGNED:	07/11/2022	

Total Attachments: 4

source=Assignment from Yon to Crucell#page1.tif source=Assignment from Yon to Crucell#page2.tif source=Assignment from Yon to Crucell#page3.tif source=Assignment from Yon to Crucell#page4.tif

> PATENT REEL: 060473 FRAME: 0166

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688097-86U1/ CRU5186USPSP1/ 0261 US P01 PRO

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT by Patricia Ibarra YON (hereinafter referred to as Assignor), residing at Birnenweg 11, Battwil, 4112 Solothurn, SWITZERLAND;

WHEREAS, Assignor has invented certain new and useful improvements in METHODS AND COMPOSITIONS FOR IMMUNE PROTECTION AGAINST EXTRA-INTESTINAL PATHOGENIC E. COLI, set forth in a Provisional application for Letters Patent of the United States, filed on August 27, 2015 as U.S. Application No. 62/210,655; and

WHEREAS, Crucell Switzerland AG, a Corporation having a place of business at Rehhagstrasse 79, CII-3018 Bern, Switzerland, (hereinafter referred to as Assignce), is desirous of acquiring the entire right, title and interest in and to the invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all foreign countries throughout the world resulting from the invention.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

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PATENT REEL: 060473 FRAME: 0167 AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

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PANITCH SCHWARZE BELISARIO & NADEL LLP

All practitioners at Customer Number 00570

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 27 Nov-2015 Signature: Patricia Ibarra YON

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ASSIGNEES hereby acknowledges and accepts this assignment and the full right, title and interest in and to said invention and said Patent Application.

11.01.2016	Crucell Switzerland AG (Assignee)
Date	Signature Ron Kesselmar Typed or Printed Name Site Manager Title
	Title

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PATENT REEL: 060473 FRAME: 0170

RECORDED: 07/11/2022