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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CRUCELL HOLLAND B.V.	12/21/2015

RECEIVING PARTY DATA

Name:	JANSSEN PHARMACEUTICALS, INC.	
Street Address:	1125 TRENTON-HARBOURTON RD.	
City:	TITUSVILLE	
State/Country:	NEW JERSEY	
Postal Code:	08560	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15754867

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ATTORNEY DOCKET NUMBER:	688097-86U2
NAME OF SUBMITTER:	ALIA M. ORBIN
SIGNATURE:	/Alia M. Orbin/
DATE SIGNED:	12/10/2019

Total Attachments: 4

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PATENT REEL: 051224 FRAME: 0392 505811685



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 11, 2016

PTAS

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RECORDATION DATE: 02/26/2016

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NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER:

688097-8686U1

ASSIGNOR:

CRUCELL HOLLAND B.V.

DOC DATE: 12/21/2015

ASSIGNEE:

JANSSEN PHARMACEUTICALS INC. 1125 TRENTON-HARBOURTON RD. TITUSVILLE, NEW JERSEY 08560

APPLICATION NUMBER: 62210655 PATENT NUMBER:

FILING DATE: 08/27/2015

ISSUE DATE:

TITLE: METHODS AND COMPOSITIONS FOR IMMUNE PROTECTION AGAINST

EXTRA-INTESTINAL PATHOGENIC E. COLI

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

P.O. Box 1450, Alexandria, Virginia 22313-1450 - WWW.USPTO,GOV

PATENT

REEL: 051224 FRAME: 0393

ASSIGNMENT (PATENT APPLICATION)

WHEREAS, ("ASSIGNOR") Crucell Holland B.V., a Corporation having an address of Archimedesweg 4, 2333 CN Leiden, The Netherlands

is an owner of a certain new and useful invention entitled:

METHODS AND COMPOSITIONS FOR IMMUNE PROTECTION AGAINST EXTRA-INTESTINAL PATHOGENIC E, COLI

For which a United States patent application has been filed on <u>August 27, 2015</u> under U.S. Patent Application No. <u>62/210,655</u>; and

WHEREAS, ("ASSIGNEE") Janssen Pharmaceuticals Inc., a Corporation having an address of 1125 Trenton-Harbourton Rd., Titusville, NJ 08560, U.S.

is desirous of acquiring the entire right, title and interest in and to the invention throughout the United States and the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all countries throughout the world resulting from the invention;

FOR GOOD and VALUABLE CONSIDERATION, the full receipt and sufficiency of which are hereby acknowledged, ASSIGNOR, intending to be legally bound, do hereby:

SFILL, ASSIGN, TRANSFER and CONVEY to ASSIGNEE the whole and entire right, title and interest in the above-identified patent application for the United States and its possessions and territories in and to the invention which is disclosed in the above-identified patent application in the world, and, in and to any and all patent applications related thereto in the United States and all foreign countries including, but not limited to, all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues and all other applications for patent which have been or shall be filed in the United States and all foreign countries on the invention; all original, reissued and reexamined patents and extensions thereof which have been or shall be issued in the United States and all foreign countries on the invention to the full end of the term or terms for which the patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR had this Assignment not been made; and specifically including all rights of priority created by the above patent application under any treaty, convention or law relating thereto;

AUTHORIZE and REQUEST the issuing authorities to issue any and all patents in the United States and all foreign countries granted on the invention to ASSIGNEE;

WARRANT and REPRESENT 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 ASSIGNOR, and that the full right to convey the same as herein expressed is possessed by ASSIGNOR;

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AGREE and UNDERTAKE, when requested and at the expense of ASSIGNEE, to carry out in good faith the intent and purpose of this Assignment, ASSIGNOR will execute all lawful oaths, declarations, assignments, powers of attorney and other papers; communicate to ASSIGNEE all facts known to ASSIGNOR relating to the invention and the history thereof; and generally do everything possible which ASSIGNEE shall consider desirable for vesting title to the invention in ASSIGNEE, and for securing, maintaining and enforcing proper patent protection for the invention; all without further compensation to ASSIGNOR;

AGREES to hold in trust, keep confidential, not make use of, and not disclose or reveal to any third party said invention, without ASSIGNEE'S prior written consent.

TO BE BINDING on the heirs, assigns, representatives and successors of ASSIGNOR and extending to the successors, assigns, and nominees of ASSIGNEE.

Crucell Holland B.V.
(ASSIGNOR)

By:

U Dec 2015

Effective Date

Typed or Printed Name

Maarten Santman
Senior Legal Counsel 8

Title Corporate Secretary

Page 2 of 3

Janssen Pharmaceuticals, Inc.

(ASSIGNEE)

Bv:

15 February 2016 Effective Date

Luo Quaghebeur

Typed or Printed Name

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PATENT REEL: 051224 FRAME: 0396

RECORDED: 12/10/2019