

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4840050

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
MARK MACIELAG	12/08/2017
RAYMOND J. PATCH	12/07/2017
RUI ZHANG	12/08/2017
MARTIN A. CASE	12/07/2017
SHAMINA M. RANGWALA	12/07/2017
JAMES N. LEONARD	12/07/2017
RAUL C. CAMACHO	12/08/2017
MICHAEL J. HUNTER	12/07/2017
KATHARINE E. D'AQUINO	12/07/2017
WILSON EDWARDS	12/07/2017
RONALD SWANSON	12/07/2017
WENYING JIAN	12/07/2017
YUE MEI ZHANG	12/07/2017
MARK WALL	12/07/2017
ELLEN CHI	12/07/2017

**RECEIVING PARTY DATA**

<b>Name:</b>	JANSSEN PHARMACEUTICA NV
<b>Street Address:</b>	TURNHOUTSEWEG 30
<b>City:</b>	BEERSE
<b>State/Country:</b>	BELGIUM
<b>Postal Code:</b>	2340

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	15794250

**CORRESPONDENCE DATA**

Fax Number: (732)524-2820

*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.*

Phone: 732-524-1976

**Email:** dwilso32@its.jnj.com  
**Correspondent Name:** JOSEPH F. SHIRTZ  
**Address Line 1:** ONE JOHNSON & JOHNSON PLAZA  
**Address Line 4:** NEW BRUNSWICK, NEW JERSEY 08933

**ATTORNEY DOCKET NUMBER:** PRD-3459USNP

**NAME OF SUBMITTER:** DAWN H. WILSON

**SIGNATURE:** /Dawn H. Wilson/

**DATE SIGNED:** 02/26/2018

**Total Attachments: 34**

source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page1.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page2.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page3.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page4.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page5.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page6.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page7.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page8.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page9.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page10.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page11.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page12.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page13.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page14.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page15.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page16.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page17.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page18.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page19.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page20.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page21.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page22.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page23.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page24.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page25.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page26.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page27.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page28.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page29.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page30.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page31.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page32.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page33.tif  
source=PRD3459USNP\_EXECUTEDASSIGNMENTS#page34.tif

**ASSIGNMENT  
(Worldwide Rights)**

WHEREAS,

Mark Macielag -- 1400 McKean Road, Spring House, PA 19477  
Raymond J. Patch -- 1400 McKean Road, Spring House, PA 19477  
Rui Zhang -- 1400 McKean Road, Spring House, PA 19477  
Martin A. Case- 3210 Merryfield Row, San Diego, CA 92121  
Shamina M. Rangwala - 1400 McKean Road, Spring House, PA 19477  
James N. Leonard -- 1400 McKean Road, Spring House, PA 19477  
Raul C. Camacho -- 1400 McKean Road, Spring House, PA 19477  
Michael J. Hunter - 3210 Merryfield Row, San Diego, CA 92121  
Katharine E. D'Aquino -- 1400 McKean Road, Spring House, PA 19477  
Wilson Edwards -- 3210 Merryfield Row, San Diego, CA 92121  
Ronald Swanson - 3210 Merryfield Row, San Diego, CA 92121  
Wenyng Jian - 1400 McKean Road, Spring House, PA 19477  
Yue-Mei Zhang - 1400 McKean Road, PO BOX 776, Spring House, PA 19477  
Mark Wall - 1400 McKean Road, Spring House, PA 19477  
Ellen Chi - 3210 Merryfield Row, San Diego, CA, 92121

we, the undersigned inventors ("Assignors"), have made certain new and useful inventions and discoveries relating to

**IMMUNOGLOBULINS AND USES THEREOF**

for which a United States Application for Patent, Serial No.15/794,250, was filed on October 26, 2017;

WHEREAS, each of the undersigned Assignors acknowledges that the designated assign of our employer at the time of the invention, **JANSSEN PHARMACEUTICA NV** ("Assignee"), a corporation of the country of Belgium having an address of Turnhoutseweg 30, B-2340 Beerse, Belgium, has acquired and is desirous of acquiring Assignee's entire right, title, and interest therein;

NOW, THEREFORE, BE IT KNOWN that for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto Assignee their entire right, title and interest in and to all said

inventions, discoveries and improvements disclosed in said application, and in and to said application and all applications based thereon, including but not limited to the above identified United States Patent Application and in all provisionals, nonprovisionals, divisions, continuations, and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries; the right, power and authority to file and prosecute U.S. and foreign patent applications on said invention, including the right to claim the priority and benefits of the applicable International Convention for such applications; the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made;

And Assignors hereby authorize and request the United States Patent and Trademark Office and foreign Patent Offices to issue said Letters Patents in accordance with this assignment;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them, promptly communicate to Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for said inventions, and discoveries or that may be necessary to vest in Assignee the complete title to said inventions, and discoveries and patents hereby conveyed and to enable it to record said title.

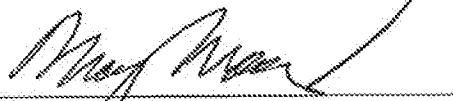
Each of the Assignors further covenants to have the full right and obligation to convey the interest assigned under this Assignment, and not to have executed and not to executed and not to execute any agreement in conflict with this Assignment.

Assignors hereby authorize Assignee and Assignee's representatives to enter into this assignment information identifying official serial number and filing date when such information becomes available. Assignors' signatures are provided on the following pages.

Attorney Docket No. PRD3459USNP

12/8/2017

Date



Mark Macielag

12/07/17  
Date

Raymond J. Patch  
Raymond J. Patch

Attorney Docket No. PRD3459USNP

12-8-2017

Date



Rui Zhang

Attorney Docket No. PRD3459USNP

\_\_\_\_\_  
Date

\_\_\_\_\_  
Martin A. Case



Attorney Docket No. PRD3459USNP

Dec 7 2017

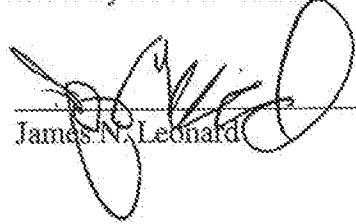
Date

Shamina M. Rangwala

Shamina M. Rangwala


Attorney Docket No. PRD3459USNP

Dec 7, 2017  
Date

  
James N. Leonard

Attorney Docket No. PRD3459USNP

12/8/17  
Date

  
Raul C. Camacho

Attorney Docket No. PRD3459USNP

\_\_\_\_\_  
Date

\_\_\_\_\_  
Michael J. Hunter

Attorney Docket No. PRD3459USNP

\_\_\_\_\_  
Date

*Katharine E. D'Agui*  
\_\_\_\_\_  
Katharine E. D'Agui

\_\_\_\_\_  
Date

\_\_\_\_\_  
Wilson Edwards

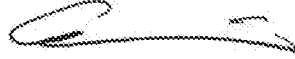
Attorney Docket No. PRD3459USNP

\_\_\_\_\_  
Date

\_\_\_\_\_  
Ronald Swanson

07-Dec-2017

Date

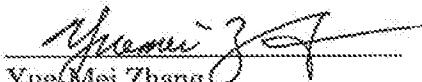


Wenying Jian



Attorney Docket No. PRD3459USNP

12/7/2017  
Date

  
Yue Mei Zhang

Attorney Docket No. PRD3459USNP

12/07/17  
Date

Mark Wall  
Mark Wall

\_\_\_\_\_  
Date

\_\_\_\_\_  
Ellen Chi

**ASSIGNMENT  
(Worldwide Rights)**

WHEREAS,

Mark Macielag – 1400 McKean Road, Spring House, PA 19477  
Raymond J. Patch – 1400 McKean Road, Spring House, PA 19477  
Rui Zhang – 1400 McKean Road, Spring House, PA 19477  
Martin A. Case- 3210 Merryfield Row, San Diego, CA 92121  
Shamina M. Rangwala - 1400 McKean Road, Spring House, PA 19477  
James N. Leonard – 1400 McKean Road, Spring House, PA 19477  
Raul C. Camacho – 1400 McKean Road, Spring House, PA 19477  
Michael J. Hunter - 3210 Merryfield Row, San Diego, CA 92121  
Katharine E. D'Aquino – 1400 McKean Road, Spring House, PA 19477  
Wilson Edwards – 3210 Merryfield Row, San Diego, CA 92121  
Ronald Swanson - 3210 Merryfield Row, San Diego, CA 92121  
Wenying Jian - 1400 McKean Road, Spring House, PA 19477  
Yue-Mei Zhang - 1400 McKean Road, PO BOX 776, Spring House, PA 19477  
Mark Wall - 1400 McKean Road, Spring House, PA 19477  
Ellen Chi - 3210 Merryfield Row, San Diego, CA, 92121

we, the undersigned inventors ("Assignors"), have made certain new and useful inventions and discoveries relating to

**IMMUNOGLOBULINS AND USES THEREOF**

for which a United States Application for Patent, Serial No.15/794,250, was filed on October 26, 2017;

WHEREAS, each of the undersigned Assignors acknowledges that the designated assign of our employer at the time of the invention, **JANSSEN PHARMACEUTICA NV** ("Assignee"), a corporation of the country of Belgium having an address of Turnhoutseweg 30, B-2340 Beerse, Belgium, has acquired and is desirous of acquiring Assignee's entire right, title, and interest therein;

NOW, THEREFORE, BE IT KNOWN that for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto Assignee their entire right, title and interest in and to all said

inventions, discoveries and improvements disclosed in said application, and in and to said application and all applications based thereon, including but not limited to the above identified United States Patent Application and in all provisionals, nonprovisionals, divisions, continuations, and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries; the right, power and authority to file and prosecute U.S. and foreign patent applications on said invention, including the right to claim the priority and benefits of the applicable International Convention for such applications; the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made;

And Assignors hereby authorize and request the United States Patent and Trademark Office and foreign Patent Offices to issue said Letters Patents in accordance with this assignment;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them, promptly communicate to Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for said inventions, and discoveries or that may be necessary to vest in Assignee the complete title to said inventions, and discoveries and patents hereby conveyed and to enable it to record said title.

Each of the Assignors further covenants to have the full right and obligation to convey the interest assigned under this Assignment, and not to have executed and not to executed and not to execute any agreement in conflict with this Assignment.

Assignors hereby authorize Assignee and Assignee's representatives to enter into this assignment information identifying official serial number and filing date when such information becomes available. Assignors' signatures are provided on the following pages.

Attorney Docket No. PRD3459USNP

\_\_\_\_\_  
Date

\_\_\_\_\_  
Mark Macielag

\_\_\_\_\_  
Date

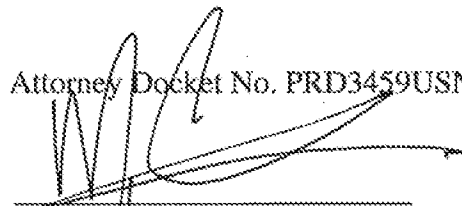
\_\_\_\_\_  
Raymond J. Patch

\_\_\_\_\_  
Date

\_\_\_\_\_  
Rui Zhang



12-7-2017  
Date

Attorney Docket No. PRD3459USNP  
  
\_\_\_\_\_  
Martin A. Case

Attorney Docket No. PRD3459USNP

.....  
Date

.....  
Shamina M. Rangwala

Attorney Docket No. PRD3459USNP

\_\_\_\_\_  
Date

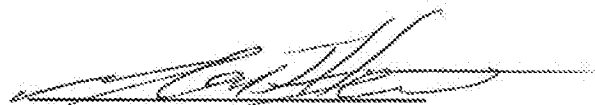
\_\_\_\_\_  
James N. Leonard

Attorney Docket No. PRD3459USNP

\_\_\_\_\_  
Date

\_\_\_\_\_  
Raul C. Camacho

12/7/2017  
Date

  
Michael J. Hunter

Attorney Docket No. PRD3459USNP

---

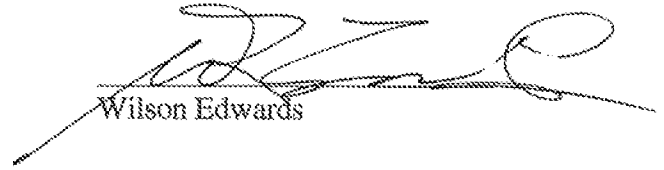
Date

---

Katharine E. D'Aquino

Attorney Docket No. PRD3459USNP

12/7/17  
Date

  
Wilson Edwards

Attorney Docket No. PRD3459USNP

Dec 7, 2017  
Date

  
Ronald Swanson



Attorney Docket No. PRD3459USNP

\_\_\_\_\_  
Date

\_\_\_\_\_  
Wenying Jian

\_\_\_\_\_  
Date

\_\_\_\_\_  
Yue-Mei Zhang

\_\_\_\_\_  
Date

\_\_\_\_\_  
Mark Wall

12/7/2017  
Date

  
Ellen Chi