

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4828678

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	JUSTIN SIEGEL	11/01/2012
	DAVID BAKER	09/11/2012
	SYDNEY RIN ANNA GORDON	09/05/2012
	INGRID SWANSON PULTZ	08/22/2012
	ELIZABETH JOY STANLEY	08/21/2012
	SARAH JANE WOLF	08/21/2012
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION	
<b>Street Address:</b>	4311 11TH AVENUE NE	
<b>Internal Address:</b>	SUITE #500	
<b>City:</b>	SEATTLE	
<b>State/Country:</b>	WASHINGTON	
<b>Postal Code:</b>	98105	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15896536	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(312)913-0002	
<i>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.</i>		
<b>Phone:</b>	3129130001	
<b>Email:</b>	harper@mbhb.com	
<b>Correspondent Name:</b>	MCDONNELL BOEHNNEN HULBERT & BERGHOFF LLP	
<b>Address Line 1:</b>	300 SOUTH WACKER DRIVE	
<b>Address Line 2:</b>	SUITE #3100	
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60606	
<b>ATTORNEY DOCKET NUMBER:</b>	12-709-PCTUSDC2	
<b>NAME OF SUBMITTER:</b>	DAVID HARPER	
<b>SIGNATURE:</b>	/David Harper/	

**DATE SIGNED:**

02/16/2018

**Total Attachments: 10**

source=12-709-PCT Assignment (Executed)#page1.tif  
source=12-709-PCT Assignment (Executed)#page2.tif  
source=12-709-PCT Assignment (Executed)#page3.tif  
source=12-709-PCT Assignment (Executed)#page4.tif  
source=12-709-PCT Assignment (Executed)#page5.tif  
source=12-709-PCT Assignment (Executed)#page6.tif  
source=12-709-PCT Assignment (Executed)#page7.tif  
source=12-709-PCT Assignment (Executed)#page8.tif  
source=12-709-PCT Assignment (Executed)#page9.tif  
source=12-709-PCT Assignment (Executed)#page10.tif

**ASSIGNMENT**

Case No.: 12-709-PCT

Serial No.: PCT/US12/50364

Inventors: Justin Siegel, David Baker, Sydney Rin Anna Gordon, Ingrid Swanson Pultz, Elizabeth Joy Stanley and Sarah Jane Wolf

Date of Execution  
of Application:

Filing Date: August 10, 2012

In consideration of good and valuable consideration provided to assignor, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**University of Washington through its Center for Commercialization**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

**"Compositions and Methods for Treating Celiac Sprue Disease"**

and identified as:

**Case No. 12-709-PCT**

in the offices of McDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign (including but not limited to all countries on the list below\*), which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries (including but not limited to all countries on the list below\*), which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

- | -

McDONNELL BOEHNEN  
HULBERT & BERGHOFF  
100 SOUTH WABASH STREET  
CHICAGO, ILLINOIS 60604  
TELEPHONE (312) 511-3000

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries (including but not limited to all countries on the list below\*) on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

\*Countries include, but are not limited to: all member countries of the Patent Cooperation Treaty (PCT) including Albania, Algeria, Antigua and Barbuda, Armenia, Australia, Austria, Azerbaijan, Barbados, Belarus, Belgium, Belize, Benin, Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Cameroon, Canada, Central African Republic, Chad, China, Colombia, Congo, Costa Rica, Cote d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic, Democratic People's Republic of Korea, Denmark, Dominica, Ecuador, Estonia, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Grenada, Guinea, Guinea-Bissau, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Kenya, Krygyzstan, Latvia, Lesotho, Liberia, Liechtenstein, Lithuania, Luxembourg, Madagascar, Malawi, Mali, Mauritania, Mexico, Monaco, Mongolia, Monaco, Mongolia, Morocco, Netherlands, New Zealand, Niger, Norway, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Saint Lucia, Senegal, Sierra Leone, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Sudan, Swaziland, Sweden, Switzerland, Tajikstan, The former Yugoslav Republic of Macedonia, Togo, Trinidad and Tobago, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, United Arab Emirates, United Kingdom, United Republic of Tanzania, United States of America, Uzbekistan, Vietnam, Yugoslavia, Zambia, Zimbabwe.

- 2 -

MCDONELL, BOEHMEN  
MILBERG & BERGHOFF  
300 SOUTH WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
TELEPHONE (312) 913-0001

WITNESS my hand and seal this 1 day of Nov, 2012.

State of

Washington

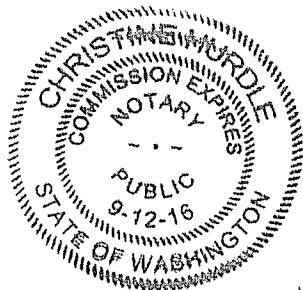
County of

King

Justin Siegel  
Justin Siegel

The foregoing instrument was acknowledged before me this 1 day of

November, 2012 by Justin Siegel.



Christine Mordt  
NOTARY PUBLIC

WITNESS my hand and seal this 11 day of September, 2012.

David Baker  
David Baker

State of

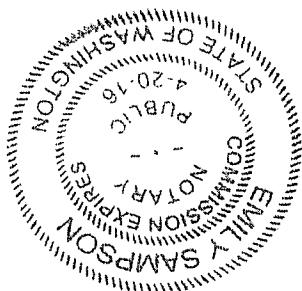
Washington

County of

King

The foregoing instrument was acknowledged before me this 11<sup>th</sup> day of

September, 2012 by David Baker.



Emily Sampson  
NOTARY PUBLIC

my commission ends 4/20/16

- 3 -

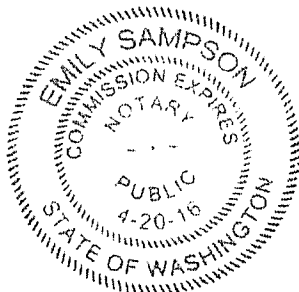
WITNESS my hand and seal this 5 day of September, 2012.

Sydney Rin Anna Gordon  
Sydney Rin Anna Gordon

State of Washington

County of King

The foregoing instrument was acknowledged before me this 5<sup>th</sup> day of  
September, 2012 by Sydney Rin Anna Gordon.



Emily Sampson  
NOTARY PUBLIC

my commission ends 4/20/16

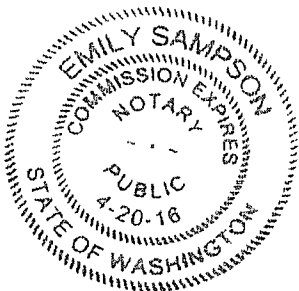
WITNESS my hand and seal this 22 day of August, 2012.

Ingrid Swanson Pultz  
Ingrid Swanson Pultz

State of Washington

County of King

The foregoing instrument was acknowledged before me this 22<sup>nd</sup> day of  
August, 2012 by Ingrid Swanson Pultz.

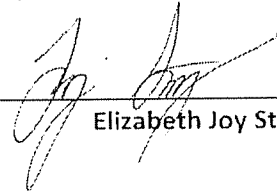


Emily Sampson  
NOTARY PUBLIC

my commission ends 4/20/16

- 4 -

WITNESS my hand and seal this 21 day of August, 2012.



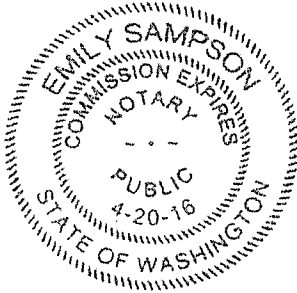
Elizabeth Joy Stanley

State of Washington

County of King

The foregoing instrument was acknowledged before me this 21<sup>st</sup> day of

August, 2012 by Elizabeth Joy Stanley.



  
NOTARY PUBLIC

My commission ends 4/20/16

WITNESS my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
Sarah Jane Wolf

State of \_\_\_\_\_

County of \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_ day of

\_\_\_\_\_, 2012 by Sarah Jane Wolf.

\_\_\_\_\_  
NOTARY PUBLIC

## ASSIGNMENT

Case No.: **12-709-PCT**

Serial No.: **PCT/US12/50364**

Inventors: **Justin Siegel, David Baker, Sydney Rin Anna Gordon, Ingrid Swanson Pultz, Elizabeth Joy Stanley and Sarah Jane Wolf**

Date of Execution  
of Application:

Filing Date: **August 10, 2012**

In consideration of good and valuable consideration provided to assignor, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

### **University of Washington Through its Center for Commercialization**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

### **"Compositions and Methods for Treating Celiac Sprue Disease"**

and identified as:

**Case No. 12-709-PCT**

in the offices of McDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign (including but not limited to all countries on the list below\*), which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries (including but not limited to all countries on the list below\*), which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.



For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries (including but not limited to all countries on the list below\*) on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

\*Countries include, but are not limited to: all member countries of the Patent Cooperation Treaty (PCT) including Albania, Algeria, Antigua and Barbuda, Armenia, Australia, Austria, Azerbaijan, Barbados, Belarus, Belgium, Belize, Benin, Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Cameroon, Canada, Central African Republic, Chad, China, Colombia, Congo, Costa Rica, Cote d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic, Democratic People's Republic of Korea, Denmark, Dominica, Ecuador, Estonia, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Grenada, Guinea, Guinea-Bissau, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Kenya, Krygyzstan, Latvia, Lesotho, Liberia, Liechtenstein, Lithuania, Luxembourg, Madagascar, Malawi, Mali, Mauritania, Mexico, Monaco, Mongolia, Monaco, Mongolia, Morocco, Netherlands, New Zealand, Niger, Norway, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Saint Lucia, Senegal, Sierra Leone, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Sudan, Swaziland, Sweden, Switzerland, Tajikstan, The former Yugoslav Republic of Macedonia, Togo, Trinidad and Tobago, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, United Arab Emirates, United Kingdom, United Republic of Tanzania, United States of America, Uzbekistan, Vietnam, Yugoslavia, Zambia, Zimbabwe.

WITNESS my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
**Justin Siegel**

State of \_\_\_\_\_

County of \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2012 by \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC

WITNESS my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
**David Baker**

State of \_\_\_\_\_

County of \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2012 by \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC

WITNESS my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
**Sydney Rin Anna Gordon**

State of \_\_\_\_\_

County of \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2012 by \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC

WITNESS my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
**Ingrid Swanson Pultz**

State of \_\_\_\_\_

County of \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2012 by \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC

WITNESS my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
Elizabeth Joy Stanley

State of \_\_\_\_\_

County of \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2012 by Elizabeth Joy Stanley.

\_\_\_\_\_  
NOTARY PUBLIC

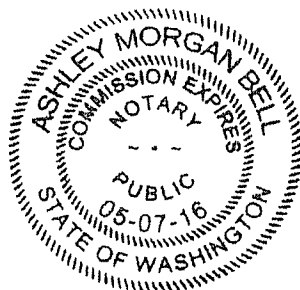
WITNESS my hand and seal this 21 day of August, 2012.

Sarah Jane Wolf  
\_\_\_\_\_  
Sarah Jane Wolf

State of WA

County of KING

The foregoing instrument was acknowledged before me this 21<sup>st</sup> day of August, 2012 by Sarah Jane Wolf.



Ashley Bell  
\_\_\_\_\_  
NOTARY PUBLIC

- 5 -

McDONNELL BOEHMEN  
HILBERT & BERGHOF  
300 SOUTH WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
TELEPHONE (312) 917-0701

RECORDED: 02/16/2018

PATENT  
REEL: 044955 FRAME: 0235