

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4008918

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KEITH FRIEND	02/12/2014
ELAINE O'HARA	02/20/2014
MARCELO DE FREITAS SANTORO	02/20/2014
RECEIVING PARTY DATA	
Name:	OTSUKA AMERICA PHARMACEUTICAL CO., INC.
Street Address:	2440 RESEARCH BLVD.
City:	ROCKVILLE
State/Country:	MARYLAND
Postal Code:	20850
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15219866
PCT Number:	US1513491
CORRESPONDENCE DATA	
Fax Number:	(202)842-7899
<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>	
Phone:	703-456-8000
Email:	vtevalt@cooley.com
Correspondent Name:	COOLEY LLP
Address Line 1:	1299 PENNSYLVANIA AVENUE
Address Line 2:	SUITE 700, ATTN: PATENT GROUP
Address Line 4:	WASHINGTON, D.C. 20004-2400
ATTORNEY DOCKET NUMBER:	OTSU-005/01US 310697-2117
NAME OF SUBMITTER:	DAVID W. HOPKINS
SIGNATURE:	/David W. Hopkins/
DATE SIGNED:	08/16/2016
Total Attachments: 8	
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ASSIGNMENT

Mark ALTMEYER residing at 660 Pretty Brook Rd, Princeton, NJ 08540; **Keith FRIEND** residing at 4 Forest View Drive, Gladstone, NJ 07934; **Elaine O'HARA** residing at 333 North Warren Avenue, Malvern, PA 19355; and **Marcelo De Freitas SANTORO** residing at 18 Prospect Hill Boulevard, Chester Springs, PA 19425 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, which is a:

- (1) ☒ provisional application
- (a) ☐ to be filed herewith; or
- (b) ☒ bearing Application No. 61/932,985, and filed on January 29, 2014;

and an application for patent of Japan, which is a

- (2) ☒ Japanese patent application
- (a) ☐ to be filed herewith; or
- (b) ☒ bearing Application No. 2014-018583, and filed on February 3, 2014;

both entitled SYSTEMS, APPARATUSES, AND METHODS FOR RISK MANAGEMENT OF A THERAPEUTIC.

WHEREAS, OTSUKA AMERICA PHARMACEUTICAL CO., INC., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 2440 Research Blvd, Rockville, MD 20850 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the applications for patent identified in paragraphs (1) and (2); the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to at least one of these application(s); any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified in paragraphs (1) and (2);

(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to at least one of the application(s) for patent identified in paragraphs (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part;

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified in paragraphs (1) and (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 2/24/14

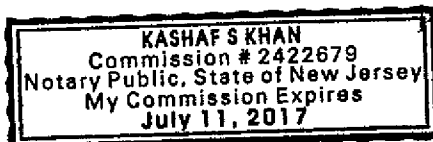
By: 
Mark ALTMEYER

State of New Jersey)
) ss.
County of Middlesex)

On 2/24/14, before me, Kashaf Khan,
Notary Public, personally appeared Mane Altmeyer,
who proved to me on the basis of satisfactory evidence, to be the person(s) whose
name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public



Place Notary Seal Above

My Commission Expires: _____

Date: 12-February-2014

By: Keith Friend
Keith FRIEND

State of New Jersey)
) ss.
 County of Middlesex)

On 2/12/14, before me, Kashaf Khan,
 Notary Public, personally appeared Keith Friend,
 who proved to me on the basis of satisfactory evidence, to be the person(s) whose
 name(s) is/are subscribed to the within instrument and acknowledged to me that
 he/she/they executed the same in his/her/their authorized capacity(ies), and that by
 his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of
 which the person(s) acted, executed the instrument.

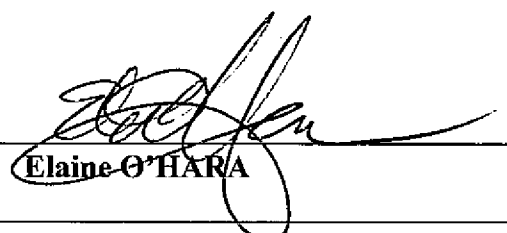
WITNESS my hand and official seal.

Signature of Notary Public

KASHAF S KHAN
 Commission # 2422679
 Notary Public, State of New Jersey
 My Commission Expires
 July 11, 2017

Place Notary Seal Above

My Commission Expires:

Date: 02/20/2014 By: 
Elaine O'HARA

State of New Jersey)
) ss.
 County of Middlesex)

On 2/20/14, before me, Kashaf Khan,
 Notary Public, personally appeared Elaine O'Hara,
 who proved to me on the basis of satisfactory evidence, to be the person(s) whose
 name(s) is/are subscribed to the within instrument and acknowledged to me that
 he/she/they executed the same in his/her/their authorized capacity(ies), and that by
 his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of
 which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

My Commission Expires: _____



Place Notary Seal Above

Date: 02/20/14

By: 
Marcelo De Freitas SANTORO

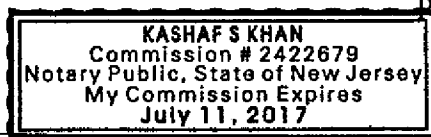
State of New Jersey)
) ss.
 County of Middlesex)

On 2/20/14, before me, Kashaf Khan,
 Notary Public, personally appeared Marcelo De Freitas Santoro,
 who proved to me on the basis of satisfactory evidence, to be the person(s) whose
 name(s) is/are subscribed to the within instrument and acknowledged to me that
 he/she/they executed the same in his/her/their authorized capacity(ies), and that by
 his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of
 which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

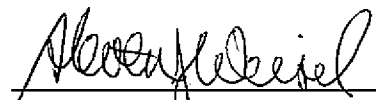
Signature of Notary Public

My Commission Expires: _____



Place Notary Seal Above

Date: 06 March 2014

By: 

Name: Steven J. Weisel

Title: Vice President & General Counsel

Company: Otsuka America Pharmaceutical, Inc.

On March 6, 2014, before me, Shanna Hodge, personally appeared Steven J. Weisel, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand.



Signature of Witness