

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4416798

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HPO ASSETS LLC	01/22/2015
RECEIVING PARTY DATA	
Name:	MITSUI CHEMICALS, INC.
Street Address:	SHIODOME CITY CENTER, 1-5-2
Internal Address:	HIGASHI-SHIMBASHI, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	105-7117
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14692304
CORRESPONDENCE DATA	
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<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>	
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Correspondent Name:	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C
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Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	3585.0760002
NAME OF SUBMITTER:	JOHN P. MCGROARTY
SIGNATURE:	/John McGroarty 41186/
DATE SIGNED:	05/16/2017
Total Attachments: 4	
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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration, receipt of which is hereby acknowledged, HPO Assets LLC, a corporation organized and existing under the laws of Delaware and having an office and place of business at 312 Farmington Ave., Farmington, Connecticut 06032 (hereafter referred to as the "Assignor"), hereby sells and assigns to Mitsui Chemicals, Inc., a corporation formed under the laws of Japan, having an office and place of business at Shiodome City Center, 1-5-2 Higashi-Shimbashi, Minato-ku, Tokyo 105-7117, Japan (hereafter referred to as the "Assignee"), its entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), and throughout the world, including the right to sue for past infringement and to collect for all past, present and future damages,

(a) in each of the Patents and Patent Applications that are described in detail in Schedule A, annexed hereto and made a part hereof, and

(b) in any and all applications that claim the benefit of the Patents and Patent Applications described in detail in Schedule A, including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals, and reexaminations of such Patents and Patent Applications, to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in each of the Patents and Patent Applications that are described in detail on Schedule A, and in all forms of intellectual and industrial property protection derivable therefrom, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such Patents and Patent Applications, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The Assignor agrees to execute all papers necessary in connection with the applications and Letters Patents as above, and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The Assignor agrees to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the applications or Letters Patents or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee at Assignee's expense in every reasonable way possible in obtaining evidence and going forward with such interference or patent enforcement act.

The Assignor agrees to perform all affirmative acts at Assignee's request and expense that may be necessary to obtain or ensure a grant of a valid patent to the Assignee.

The Assignor hereby represents that Assignor has full right and authority to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict therewith.

The Assignor hereby grants the patent practitioners associated with CUSTOMER NUMBER 115626 the power to insert in this assignment, including the attached Schedule A, any further information regarding the patents and patent applications so identified in such Schedule A that 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.

SIGNED on behalf of the said ASSIGNOR,

HPO ASSETS LLC

By: Horizon Technology Finance Corporation, its sole member

By: *Gerald A. Michaud*

Name: Gerald A. Michaud

Title: President

Date: January 22, 2015

On this 22nd day of January, 2015, before me personally appeared Gerald A. Michaud, personally known to me or proven on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ capacity, and that by his/~~her~~ signature on the instrument the person executed the instrument.

Subscribed and sworn to before me on this 22nd day of January, 2015.

By:

[Signature]
Notary Public

John C. Bombara

Commissioner of the Superior Court for the State of Connecticut

Notary public in and for the state of: _____

My commission expires on: _____

(Notarial Seal to be affixed)

SIGNED on behalf of the said ASSIGNEE,

Mitsui Chemicals, Inc.

By: 

Name: Hiroshi Ito

Title: General Manager, Intellectual Property
Division

Date: Feb/16/2015

On this ____ day of _____, 20__, before me personally appeared Hiroshi Ito, personally known to me or proven on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her signature on the instrument the person executed the instrument.

Subscribed and sworn to before me on this ____ day of _____, 20_____.

By: _____
Notary Public

Notary public in and for the state of: _____.

My commission expires on: _____.

(Notarial Seal to be affixed)

SCHEDULE A

UNITED STATES PATENTS, UNITED STATES PATENT APPLICATIONS AND
INTERNATIONAL APPLICATIONS THAT DESIGNATE THE UNITED STATES

	Application Number	Filing Date	Patent No.	Issue Date
1	13/151,513	2011/6/2	8,408,699	2013/4/2
2	13/021,887	2011/2/7	8,308,295	2012/11/13
3	13/674,321	2012/11/12	8,434,865	2013/5/7
4	13/656,943	2012/10/22		
5	13/726,267	2012/12/24	8,708,483	2014/4/29
6	12/915,819	2010/10/29		
7	13/487,572	2012/6/4	8,662,665	2014/3/4
8	12/915,783	2010/10/29	8,075,132	2011/12/13
9	13/865,705	2013/4/18		
10	12/848,713	2010/8/2	8,534,832	2013/9/17
11	12/902,213	2010/10/12	8,573,774	2013/11/5
12	13/085,562	2011/4/13	8,678,581	2014/3/25
13	13/488,064	2012/6/4		
14	13/622,850	2012/9/19		
15	13/742,804	2013/1/16		
16	13/757,372	2013/2/1		
17	13/848,330	2013/3/21		
18	13/866,575	2013/4/19		
19	13/890,809	2013/5/9		
20	13/761,827	2013/2/7		
21	61/897,875	2013/10/31		
22	14/157,170	2014/1/16		