

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4865138

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>SEQUENCE:</b>	4

**CONVEYING PARTY DATA**

Name	Execution Date
THERACOS, INC.	03/23/2015

**RECEIVING PARTY DATA**

<b>Name:</b>	THERACOS SUB, LLC
<b>Street Address:</b>	225 CEDAR HILL STREET
<b>Internal Address:</b>	SUITE 200
<b>City:</b>	MARLBOROUGH
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01752

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	15804074

**CORRESPONDENCE DATA**

**Fax Number:** (415)432-6001

*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:** (415) 432-6000

**Email:** kaheldt@mintz.com

**Correspondent Name:** WILLIAM B. KEZER

**Address Line 1:** MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO P.C.

**Address Line 2:** 44 MONTGOMERY STREET, 36TH FLOOR

**Address Line 4:** SAN FRANCISCO, MASSACHUSETTS 01752

<b>ATTORNEY DOCKET NUMBER:</b>	050693-504D02US-002912US
<b>NAME OF SUBMITTER:</b>	KIMBERLY HELDT
<b>SIGNATURE:</b>	/Kimberly Heldt/
<b>DATE SIGNED:</b>	03/14/2018

**Total Attachments: 17**

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## ASSIGNMENT

WHEREAS, Theracos, Inc., having corporate offices at 225 Cedar Hill Street, Suite 200, Marlborough, Massachusetts 01752, United States of America, (“**ASSIGNOR**”) is the owner of the entire right, title and interest in, to and under the patents and patent applications listed on Exhibit A attached hereto and of the inventions therein described; and

WHEREAS, Theracos Sub, LLC, having corporate offices at 225 Cedar Hill Street, Suite 200, Marlborough, Massachusetts 01752 (“**ASSIGNEE**”), is desirous of obtaining the entire right, title and interest in, to and under such patents and patent applications and any patents which may issue thereon and such invention.

NOW, THEREFORE, in consideration of the sum of One United States of America Dollar (\$US1.00) to ASSIGNOR in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the inventions, and the patents and patent applications listed on Exhibit A, and any patents which may issue on such patent applications, and all divisions, renewals and continuations thereof, and all patents of the United States of America which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for the inventions in any country or countries foreign to the United States of America, together with the right to file such applications and the right to claim for the same the priority rights derived from such patent applications under the patent laws of the United States of America, the International Convention 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; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said inventions in any country or countries foreign to the United States of America and all extensions, renewals and reissues thereof, and all rights to causes of action and remedies related thereto, including without limitation, the right to sue for past, present or future infringement, misappropriation or violation of the rights related to the foregoing; and

ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

ASSIGNOR HEREBY covenants and agrees that it has the full right to convey the entire interest herein assigned, and that ASSIGNOR has not executed, and will not execute, any agreement in conflict herewith; and

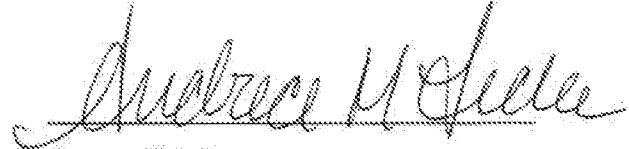
ASSIGNOR HEREBY further covenants and agrees that ASSIGNOR will communicate to ASSIGNEE, its successors, legal representatives and assigns, any material facts known to ASSIGNOR respecting the inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for the inventions in all countries.

IN WITNESS AND IN TESTIMONY WHEREOF, I, as a duly authorized representative of ASSIGNOR, hereunto set my hand and seal on March 23<sup>rd</sup>, 2015.

  
Name: Dr. Albert R. Collinson

State of Massachusetts  
County of Middlesex ) SS.: 035380408

On this 23 day of March 2015, before me, a Notary Public in and for the State and County aforesaid, personally appeared Albert Collinson, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

  
Notary Public

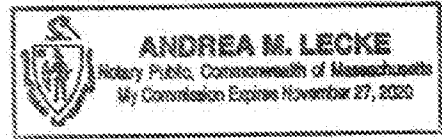


Exhibit A

Country	Title	Application No.		Patent No.
		Filing Date	Issue Date	
United States	Benzylbenzene Derivatives and Methods of Use	60/957,625 08/23/2007	N/A	
United States	Benzylbenzene Derivatives and Methods of Use	12/197,095 08/22/2008	7,838,499 11/23/2010	

Country	Title	Application No.		Patent No. Issue Date
		Filing Date		
PCT	Benzylbenzene Derivatives and Methods of Use	PCT/US08/74058 08/22/2008	N/A	
Argentina	Benzylbenzene Derivatives and Methods of Use	P 08 01 03675 08/22/2008		
Australia	Benzylbenzene Derivatives and Methods of Use	2008288770 08/22/2008	2008288770 09/25/2014	
Brazil	Benzylbenzene Derivatives and Methods of Use	PI 0815708-1 08/22/2008		
Canada	Benzylbenzene Derivatives and Methods of Use	2,697,349 08/22/2008	2,697,349 04/24/2012	
China	Benzylbenzene Derivatives and Methods of Use	200880104132.1 08/22/2008	ZL2008801041 32.1 04/23/2014	
Europe	Benzylbenzene Derivatives and Methods of Use	08798514.9 08/22/2008		

Country	Title	Application No. Filing Date	Patent No. Issue Date
Hong Kong	Benzylbenzene Derivatives and Methods of Use	10106895.1 08/22/2008	
Israel	Benzylbenzene Derivatives and Methods of Use	203915 08/22/2008	
India	Benzylbenzene Derivatives and Methods of Use	908/KOLNP/2010 08/22/2008	
Japan	Benzylbenzene Derivatives and Methods of Use	2010-522073 08/22/2008	4809931 08/26/2011
Korea, South	Benzylbenzene Derivatives and Methods of Use	10-2010-7006207 08/22/2008	10-1107425 01/11/2012
Macao (Macau)	Benzylbenzene Derivatives and Methods of Use	J/1426 08/22/2008	J/1426 06/03/2014
Mexico	Benzylbenzene Derivatives and Methods of Use	MX/a/2010/00202 7 08/22/2008	301909 08/01/2012
New Zealand	Benzylbenzene Derivatives and Methods of Use	583369 08/22/2008	583369 12/05/2011
Russian Federation	Benzylbenzene Derivatives and Methods of Use	2010110829 08/22/2008	2497526 11/10/2013
Taiwan	Benzylbenzene Derivatives and Methods of Use	097132255 08/22/2008	I434691 04/21/2014
Ukraine	Benzylbenzene Derivatives and Methods of Use	a201003326 08/22/2008	99924 10/25/2012

Country	Title	Application No.		Patent No. Issue Date
		Filing Date		
South Africa	Benzylbenzene Derivatives and Methods of Use	2010/01051	2010/01051	04/28/2011
		08/22/2008		
Singapore	Benzylbenzene Derivatives and Methods of Use	201301287-7		
		08/22/2008		
United States	Benzylbenzene Derivatives and Methods of Use	12/917,367	8,106,021	01/31/2012
		11/01/2010		
United States	Benzylbenzene Derivatives and Methods of Use	13/333,295	8,575,321	11/05/2013
		12/21/2011		
United States	Benzylbenzene Derivatives and Methods of Use	14/042,408	8,802,637	08/12/2014
		09/30/2013		
United States	Processes for the Preparation of SGLT2 Inhibitors	61/091,248	N/A	
		08/22/2008		
United States	Processes for the Preparation of SGLT2 Inhibitors	12/545,400	8,283,454	10/09/2012
		08/21/2009		
PCT	Processes for the Preparation of SGLT2 Inhibitors	PCT/US2009/054	N/A	
		585		
Argentina	Processes for the Preparation of SGLT2 Inhibitors and Crystalline Forms Thereof	P090103235		
		08/21/2009		



Country	Title	Application No.		Patent No. Issue Date
		Filing Date		
Australia	Processes for the Preparation of SGLT2 Inhibitors	2009282739 08/21/2009	2009282739 07/17/2014	
Brazil	Processes for the Preparation of SGLT2 Inhibitors	PI 0917196-7 08/21/2009		
Canada	Processes for the Preparation of SGLT2 Inhibitors	2734295 08/21/2009		
China	Processes for the Preparation of SGLT2 Inhibitors	200980140105.4 08/21/2009		
Europe	Processes for the Preparation of SGLT2 Inhibitors	09808859.4 08/21/2009		
Hong Kong	Processes for the Preparation of SGLT2 Inhibitors	11107872.5 08/21/2009		
Israel	Processes for the Preparation of SGLT2 Inhibitors	211300 08/21/2009		
India	Processes for the Preparation of SGLT2 Inhibitors	949/KOLNP/2011 08/21/2009		

Country	Title	Application No.		Patent No.	Issue Date
		Filing Date			
Japan	Processes for the Preparation of SGLT2 Inhibitors	2011-524023 08/21/2009			
Korea, South	Processes for the Preparation of SGLT2 Inhibitors	10-2011-7006612 08/21/2009			
Mexico	Processes for the Preparation of SGLT2 Inhibitors	MX/a/2011/00185 5 08/21/2009	310662 06/19/2013		
New Zealand	Processes for the Preparation of SGLT2 Inhibitors	591818 08/21/2009	591818 04/30/2013		
Russian Federation	Processes for the Preparation of SGLT2 Inhibitors	2011110691 08/21/2009	2530494 08/14/2014		
Singapore	Processes for the Preparation of SGLT2 Inhibitors	201101129-3 08/21/2009	169006 10/31/2013		
Taiwan	Processes for the Preparation of SGLT2 Inhibitors	098128293 08/21/2009	1441831 06/21/2014		
Ukraine	Processes for the Preparation of SGLT2 Inhibitors	a201103376 08/21/2009	103050 09/10/2013		

Country	Title	Application No.		Patent No. Issue Date
		Filing Date		
South Africa	Processes for the Preparation of SGLT2 Inhibitors	2011/01553 08/21/2009		
Australia	Processes for the Preparation of SGLT2 Inhibitors	2014201286 08/21/2009		
China	Processes for the Preparation of SGLT2 Inhibitors	201410098658.0 08/21/2009		
Japan	Processes for the Preparation of SGLT2 Inhibitors	2014-087548 08/21/2009		
Korea, South	Processes for the Preparation of SGLT2 Inhibitors	10-2014-7022642 08/21/2009		
Mexico	Processes for the Preparation of SGLT2 Inhibitors	MX/a/2013/00127 1 08/21/2009	311713 07/24/2013	
New Zealand	Processes for the Preparation of SGLT2 Inhibitors	604897 08/21/2009		
Russian Federation	Processes for the Preparation of SGLT2 Inhibitors	2014110510 08/21/2009		

Country	Title	Application No.		Patent No. Issue Date
		Filing Date		
Singapore	Processes for the Preparation of SGLT2 Inhibitors	201305838-3 08/21/2009		
Taiwan	Processes for the Preparation of SGLT2 Inhibitors	103108516 08/21/2009		
South Africa	Processes for the Preparation of SGLT2 Inhibitors	2014/01468 08/21/2009		
United States	Processes for the Preparation of SGLT2 Inhibitors	13/600,985 08/31/2012		
PCT	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	PCT/CN2010/073 865 06/12/2010	N/A	
United States	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	13/158,724 06/13/2011		

Country	Title	Application No.	
		Filing Date	Patent No. Issue Date
PCT	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	PCT/CN2011/075	N/A
		554 06/10/2011	
Argentina	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	P110102051	
		06/13/2011	
Australia	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	2011264220	
		06/10/2011	
Brazil	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	11 2012 031616 8	
		06/10/2011	
Canada	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	2800379	
		06/10/2011	
China	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	201180028665.8	
		06/10/2011	
Colombia	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	12-212.781	
		06/10/2011	
Algeria	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	130015	
		06/10/2011	
Egypt	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	PCT20492012	
		06/10/2011	
Europe	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	11791943.1	
		06/10/2011	

Country	Title	Application No. Filing Date	Patent No. Issue Date
Hong Kong	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	13111638.0 06/10/2011	
Indonesia	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	W00201300117 06/10/2011	
Israel	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	223205 06/10/2011	
India	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	4041/KOLNP/201 2 06/10/2011	
Japan	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	2013-513540 06/10/2011	
Korea, South	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	10-2013-7000844 06/10/2011	
Morocco	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	PV35549 06/10/2011	34371 07/03/2013
Mexico	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	MX/a/2012/01442 3 06/10/2011	
Malaysia	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	PI 2012005263 06/10/2011	
Nigeria	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	NG/C/2012/718 06/10/2011	
New Zealand	Crystalline Form of Benzylbenzene SGLT2 Inhibitor	605570 06/10/2011	

Country	Title		Application No. Filing Date	Patent No. Issue Date	
Philippines	Crystalline Form of Benzylbenzene SGLT2 Inhibitor		1-2012-502395 06/10/2011		
Russian Federation	Crystalline Form of Benzylbenzene SGLT2 Inhibitor		2013101580 06/10/2011		
Singapore	Crystalline Form of Benzylbenzene SGLT2 Inhibitor		201208971-0 06/10/2011		
Thailand	Crystalline Form of Benzylbenzene SGLT2 Inhibitor		1201006410 06/10/2011		
Taiwan	Crystalline Form of Benzylbenzene SGLT2 Inhibitor		100120591 06/13/2011		
Ukraine	Crystalline Form of Benzylbenzene SGLT2 Inhibitor		a 2013 000352 06/10/2011		
Vietnam	Crystalline form of benzylbenzene SGLT2 inhibitor, methods of making the same, and pharmaceutical compositions comprising the same for use in the treatment of diseases and conditions		1-2013-00110 06/10/2011		
South Africa	Crystalline Form of Benzylbenzene SGLT2 Inhibitor		2013/00004 06/10/2011		

Country	Title	Application No.	
		Filing Date	Patent No. Issue Date
PCT	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	PCT/CN2012/073 697 04/10/2012	N/A
		PCT/CN2013/072 642 03/14/2013	N/A
Argentina	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	2013 01 01120 04/05/2013	
Australia	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	2013247304 03/14/2013	
Brazil	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	BR 11 2014 025105 3 03/14/2013	
		2,867,057 03/14/2013	
Canada	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	201380019471.0 03/14/2013	
China	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	201380019471.0 03/14/2013	



Country	Title	Application No. Filing Date	Patent No. Issue Date
Europe	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	13775129.3 03/14/2013	
Hong Kong	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	TBD 03/14/2013	
Israel	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	234800 03/14/2013	
India	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	7914/DELNP/2014 03/14/2013	
Japan	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	TBD 03/14/2013	
Korea, South	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	10-2014-7031540 03/14/2013	
Mexico	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	MX/a/2014/012268 03/14/2013	
New Zealand	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	630408 03/14/2013	

Country	Title	Application No.		Patent No. Issue Date
		Filing Date		
Russian Federation	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	2014144944 03/14/2013		
Singapore	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	11201406434P 03/14/2013		
Taiwan	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	102112741 04/10/2013		
United States	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	13/889,980 05/08/2013		
South Africa	Process for the Preparation of Benzylbenzene SGLT2 Inhibitors	2014/06899 03/14/2013		
PCT	Preparation of Hydroxy-Benzylbenzene Derivatives	PCT/CN2013/001 227 10/12/2013		

Country	Title		Application No. Filing Date	Patent No. Issue Date	
PCT	Preparation of Hydroxy-Benzylbenzene Derivatives		PCT/CN2014/000898 10/11/2014		
United States	Preparation of Hydroxy-Benzylbenzene Derivatives		14/511,7225 10/10/2014		
Argentina	Preparation of Hydroxy-Benzylbenzene Derivatives		20140103796 10/10/2014		
Taiwan	Preparation of Hydroxy-Benzylbenzene Derivatives		103135317 10/09/2014		

PATENT

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RECORDED: 03/14/2018