

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4479374

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	CRAIG E. MASSE	03/31/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	NIMBUS DISCOVERY, INC.	
<b>Street Address:</b>	784 MEMORIAL DRIVE, SUITE 100	
<b>City:</b>	CAMBRIDGE	
<b>State/Country:</b>	MASSACHUSETTS	
<b>Postal Code:</b>	02139	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15457657
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(617)426-6567	
<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>	617-728-7100	
<b>Email:</b>	BOSPatents@dechert.com	
<b>Correspondent Name:</b>	DECHERT LLP	
<b>Address Line 1:</b>	ONE INTERNATIONAL PLACE, 40TH FLOOR	
<b>Address Line 2:</b>	100 OLIVER STREET	
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110-2605	
<b>ATTORNEY DOCKET NUMBER:</b>	394482-15TYUSC2 (151513)	
<b>NAME OF SUBMITTER:</b>	ANDREA L.C. REID	
<b>SIGNATURE:</b>	/Andrea L.C. Reid/	
<b>DATE SIGNED:</b>	06/27/2017	
<b>Total Attachments: 7</b>		
source=Masse_Redacted#page1.tif		
source=Masse_Redacted#page2.tif		
source=Masse_Redacted#page3.tif		
source=Masse_Redacted#page4.tif		
source=Masse_Redacted#page5.tif		

source=Masse\_Redacted#page6.tif

source=Masse\_Redacted#page7.tif

**CONFIRMATORY PATENT ASSIGNMENT  
BY CRAIG E. MASSE**

This CONFIRMATORY PATENT ASSIGNMENT ("Confirmatory Patent Assignment"), is made by and between Craig E. Masse ("Assignor") and Nimbus Discovery, Inc. ("Assignee"), a Delaware corporation.

WHEREAS, Assignor is an inventor, or co-inventor, of the inventions described and claimed in the patents and applications listed on Annex A hereto (collectively, the "Assigned Patents");

WHEREAS, Assignor executed an Employee Non Competition, Non-Solicitation, Confidentiality and Assignment Agreement with Nimbus Discovery, Inc., a Delaware corporation, effective June 29, 2011, (the "Employment Agreement") whereby Assignor fully assigned all of his right, title and interest in the Assigned Patents to Nimbus Discovery, Inc.; and

WHEREAS, the undersigned parties desire to confirm and restate the assignments to give effect to the intentions of the Assignor and Assignee.

NOW, THEREFORE, in consideration of the mutual representations, warranties and covenants set forth herein, and for certain monetary consideration and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned parties agree as follows:

1. Assignor does hereby sell, assign, transfer and convey unto said Assignee, and/or confirm prior assignment, transfer, or conveyance unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

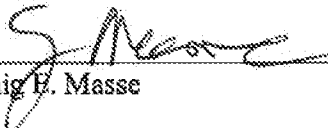
2. Assignor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by Assignor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by Assignor in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon us, our respective heirs, legal representatives and assigns.

4. Assignor hereby warrants and represents that Assignor have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, Assignor has executed and delivered this instrument to said Assignee.

CRAIG E. MASSE ("Assignor")

By:   
Craig E. Masse

Date: 3/31/17

WITNESSES

Signature: 

Signature: 

# ANNEX A

## THE ASSIGNED PATENT APPLICATIONS

Dechert Reference	Nimbus Reference	Country	Application Number	Title
394482-15TYUS (142749)	15-TY-US1	United States	14/634,041	TYK2 INHIBITORS AND USES THEREOF
394482-15TYUSC1 (146556)	15-TY-US1.C1	United States	15/097,402	TYK2 INHIBITORS AND USES THEREOF
394482-15TYUSP1 (142694)	15-TY-P1	United States	61/946,358	TYK2 INHIBITORS AND USES THEREOF
394482-15TYUSP2 (142696)	15-TY-P2	United States	61/971,376	TYK2 INHIBITORS AND USES THEREOF
394482-15TYUSP3 (142737)	15-TY-P3	United States	62/096,231	TYK2 INHIBITORS AND USES THEREOF
394482-15TYWO (142750)	15TY-WO1	PCT	PCT/US2015/018071	TYK2 INHIBITORS AND USES THEREOF
394482-15TYAU (148219)	15-TY-AU1	Australia	2015222865	TYK2 INHIBITORS AND USES THEREOF
394482-15TYBR (148218)	15-TY-BR1	Brazil	BR112016019881-6	TYK2 INHIBITORS AND USES THEREOF
394482-15TYCA (148217)	15-TY-CA1	Canada	2,940,666	TYK2 INHIBITORS AND USES THEREOF
394482-15TYCN (148216)	15-TY-CN1	China	201580021113.2	TYK2 INHIBITORS AND USES THEREOF
394482-15TYEP (148215)	15-TY-EP1	Europe	15755242.3	TYK2 INHIBITORS AND USES THEREOF

Dechert Reference	Nimbus Reference	Country	Application Number	Title
394482-15TYIN (148214)	15-TY-IN1	India	201617029238	TYK2 INHIBITORS AND USES THEREOF
394482-15TYJP (148213)	15-TY-JP1	Japan	2016-572363	TYK2 INHIBITORS AND USES THEREOF
394482-15TYTW (142751)	15-TY-TW1	Taiwan	104106745	TYK2 INHIBITORS AND USES THEREOF
394482-17TYUS (145730)	17-TY-US1	United States	15/054,594	TYK2 INHIBITORS AND USES THEREOF
394482-17TYUSP1 (142752)	17-TY-P1	United States	62/126,125	TYK2 INHIBITORS AND USES THEREOF
394482-17TYWO (145729)	17-TY-WO1	PCT	PCT/US2016/019724	TYK2 INHIBITORS AND USES THEREOF
394482-17TYTW (145728)	17-TY-TW1	Taiwan	105105991	TYK2 INHIBITORS AND USES THEREOF
394482-24TYUSP1 (143007)	24-TY-P1	United States	62/213,475	TYK2 INHIBITORS AND USES THEREOF
394482-24TYUSP2 (143041)	24-TY-P2	United States	62/214,018	TYK2 INHIBITORS AND USES THEREOF
394482-24TYUS (148211)	24-TY-US1	United States	15/254,071	TYK2 INHIBITORS AND USES THEREOF
394482-24TYWO (148212)	24-TY-WO1	PCT	PCT/US2016/049852	TYK2 INHIBITORS AND USES THEREOF
394482-24TYTW (148210)	24-TY-TW1	Taiwan	105128290	TYK2 INHIBITORS AND USES THEREOF

Dechert Reference	Nimbus Reference	Country	Application Number	Title



Dechert Reference	Nimbus Reference	Country	Application Number	Title