

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5331227

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	CONFIRMATORY ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SPIROGEN SARL	10/13/2014
RECEIVING PARTY DATA		
Name:	MEDIMMUNE LIMITED	
Street Address:	MILSTEIN BUILDING	
Internal Address:	GRANTA PARK	
City:	CAMBRIDGE	
State/Country:	ENGLAND	
Postal Code:	CB21 6GH	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15847308
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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ATTORNEY DOCKET NUMBER:	MEWB-36197/US-3/CON	
NAME OF SUBMITTER:	MELISSA E. KOLOM	
SIGNATURE:	/MELISSA E. KOLOM/	
DATE SIGNED:	01/17/2019	
Total Attachments: 9		
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CONFIRMATORY ASSIGNMENT

PARTIES

- (1) **SPIROGEN SÀRL** of Rue de Grand-Chêne 5, 1003 Lausanne, Switzerland (and formerly of Chemin de la Paccotaz 1, c/o Michael Forer, 1806 St-Légier-Chiésaz, Switzerland) ("Assignor")
- (2) **MEDIMMUNE LIMITED** of Milstein Building, Granta Park, Cambridge, CB1 6GH, England ("Assignee")

INTRODUCTION

- (A) The Assignor is the owner or applicant or co-owner or co-applicant of the Patents.
- (B) The Assignor and the Assignee entered into an agreement dated 13 October 2014 ("the 2014 Agreement") whereby the Assignor assigned its full ownership of the Patents for which the Assignor is the sole owner or sole applicant and its share in the ownership of the Patents for which the Assignor is co-owner or co-applicant to the Assignee.
- (C) The parties wish to enter this Agreement for the purpose of confirming the assignment under the 2014 Agreement and recording that assignment.

AGREEMENT

1. DEFINITIONS

In this Agreement, including the Introduction, the following words have the following meanings:

Agreement means this agreement including the Schedule; and

Patents means the granted patents and patent applications listed in the Schedule to this Agreement and any subsequent patent applications in any country claiming priority from them.

2. ASSIGNMENT

For the consideration of Euro 1.00 and the good and valuable consideration set out in the 2014 Agreement, the receipt and sufficiency of which is acknowledged by the Assignor, the Assignor hereby

- (a) confirms the assignment to the Assignee of all right, title and interest in the Patents for which the Assignor is the sole owner or sole applicant and the assignment of share in all right, title and interest in the Patents for which the Assignor is the co-owner or co-applicant under the 2014 Agreement; and
- (b) confirms that the assignment included in relation to each of the Patents or share in the Patents:
 - (i) right to claim priority from and to prosecute and obtain a grant of patent; and
 - (ii) right to file divisional applications, contraventions, confirmations-in-part and other continuing applications based thereon and to prosecute and obtain a grant of patent on each and any such divisional application;
 - (iii) in respect of each and any invention disclosed in the Patents, the right to file an application, claim priority from such application, and prosecute and obtain grant of patent or similar protection; and in respect of any application therefor, the absolute entitlement to any patents granted pursuant thereto or filed as aforesaid in or in respect of any country or territory in the world;
 - (iv) all rights and privileges pertaining thereto, including the right to bring, make, oppose, defend and appeal proceedings, claims or actions and obtain relief (and to retain any damages recovered) in respect of any infringement, or any other cause of action arising from ownership, of any of the Patents or any patents granted on any of the applications in the Patents or filed as aforesaid, whether occurring before on or after the date of this Agreement; and
 - (v) the right to extend to or register in or in respect of any country or territory in the world each and any of the Patents, and each and any of the applications comprised in the Patents or filed as

aforesaid, and to extend to or register in, or in respect of, any country or territory in the world any patent or like protection granted on any of such applications.

(c) to the extent any of the Assignor's right, title or interest in the Patents has not previously been assigned, the Assignor assigns with effect from 13 October 2014 all that right, title and interest to the Assignee under this Agreement.

(d) The Assignee hereby confirms that is has accepted and hereby accepts the assignment to it of the Patents together with all rights and obligations pertaining thereto.

Signed by: Christopher Winter
on behalf of **SPIROGEN SÀRL**

Title: Authorised signatory

Date: 18 September 2015 C. Winter

Schedule – the Patents

Applicant/ Owner	Jurisdiction Name	General Status	Title	Application Number	Application Date	Patent Number
SPIROGEN SARL	United States of America	Granted	PYRROLOBENZODIAZEPINES	09/763814	27/08/1999	6562806
SPIROGEN SARL	United States of America	Granted	COLLECTIONS OF COMPOUNDS	09/763768	27/08/1999	6608192
SPIROGEN SARL	United States of America	Granted	PYRROLOBENZODIAZEPINES	09/763767	27/08/1999	7049311
SPIROGEN SARL	United States of America	Granted	PYRROLOBENZODIAZEPINES	10/021213	27/08/1999	7067511
SPIROGEN SARL	United States of America	Granted	LIBRARY OF COMPOUNDS COMPRISING PYRROLOBENZODIAZEPINE MOIETIES	10/602521	27/08/1999	7704924
SPIROGEN SARL	United States of America	Granted	PYRROLOBENZODIAZEPINES	10/534825	14/11/2003	7407951
SPIROGEN SARL	United States of America	Granted	COMPOSITIONS AND METHODS OF THE USE THEREOF ACHIRAL ANALOGUES OF CC-1065 AND THE DUOCARMYCINS	09/955062	19/09/2001	6660742
SPIROGEN SARL	United States of America	Granted	SYNTHESIS OF PROTECTED PYRROLOBENZODIAZEPINES	10/571274	10/09/2004	7429658

SPIROGEN SARL	United States of America	Granted	PYRROBENZODIAZEPINES	11/367241	27/08/1999	7265105
SPIROGEN SARL	United States of America	Granted	11-HYDROXY-5H-PYRROLO[2,1-C][1,4]BENZODIAZEPIN-5-ONE DERIVATIVES AS KEY INTERMEDIATES FOR THE PREPARATION OF C2 SUBSTITUTED PYRROBENZODIAZEPINES	10/598518	01/03/2005	7741319
SPIROGEN SARL	United States of America	Granted	PYRROBENZODIAZEPINES	10/598691	09/03/2005	7528126
SPIROGEN SARL	United States of America	Granted	PYRROBENZODIAZEPINES AS KEY INTERMEDIATES IN THE SYNTHESIS OF DIMERIC CYTOTOXIC	10/598482	01/03/2005	7557099
SPIROGEN SARL	United States of America	Granted	PYRROBENZODIAZEPINES	11/911890	21/04/2006	7612062
SPIROGEN SARL	United States of America	Granted	ALKYL 4-[4-(OXO-2,3,5,11A-TETRAHYDRO-5H-PYRROLO [2,1-C][1,4] BENZODIAZEPINE-8-YLOXY)-BUTYRYLAMINO]-1H-PYRROLE-2- CARBOXYLATE DERIVATIVES AND RELATED COMPOUNDS FOR THE ...	12/089459	05/10/2006	8637664
SPIROGEN SARL	United States of America	Granted	PYRROBENZODIAZEPINES	12/610478	21/04/2006	8633185

SPIROGEN SÁRL	United States of America	Granted	PYRROLOBENZODIAZEPINES	13/055194	22/07/2009	8501934
SPIROGEN SÁRL	United States of America	Granted	UNSYMMETRICAL PYRROLOBENZODIAZEPINE- DIMERS FOR TREATMENT OF PROLIFERATIVE DISEASES	13/123327	16/10/2009	8592576
SPIROGEN SÁRL	United States of America	Granted	PYRROLOBENZODIAZEPINES	13/124232	16/10/2009	8487092
SPIROGEN SÁRL	United States of America	Pending	PYRROLOBENZODIAZEPINES AND CONJUGATES THEREOF	13/650277	12/10/2012	
SPIROGEN SÁRL	United States of America	Pending	PYRROLOBENZODIAZEPINES AND CONJUGATES THEREOF	13/641198	15/04/2011	
SPIROGEN SÁRL	United States of America	Granted	INTERMEDIATES USEFUL FOR THE SYNTHESIS OF PYRROLOBENZODIAZEPINES	13/641237	15/04/2011	8829184
SPIROGEN SÁRL	United States of America	Granted	PYRROLOBENZODIAZEPINES USED TO TREAT PROLIFERATIVE DISEASES	13/641180	15/04/2011	8697688
SPIROGEN SÁRL	United States of America	Pending	TARGETED PYRROLOBENZODIAZEPINE CONJUGATES	13/641219	15/04/2011	

SPIROGEN SÁRL	United States of America	Pending	PYRROLOBENZODIAZEPINES AND CONJUGATES THEREOF	14/051743	11/10/2013	
SPIROGEN SÁRL	United States of America	Pending	PYRROLOBENZODIAZEPINES AND CONJUGATES THEREOF	14/051717	11/10/2013	
SPIROGEN SÁRL	United States of America	Pending	PYRROLOBENZODIAZEPINES USED TO TREAT PROLIFERATIVE DISEASES	14/072904	15/04/2011	
SPIROGEN SÁRL	United States of America	Granted	UNSYMMETRICAL PYRROLOBENZODIAZEPINE-DIMERS FOR TREATMENT OF PROLIFERATIVE DISEASES	14/079113	16/10/2009	8940733
SPIROGEN SÁRL	United States of America	Pending	PYRROLOBENZODIAZEPINES AND CONJUGATES THEREOF	14/208374	13/03/2014	
SPIROGEN SÁRL	United States of America	Pending	PYRROLOBENZODIAZEPINES AND TARGETED CONJUGATES	14/351168	12/10/2012	
SPIROGEN SÁRL	United States of America	Pending	PYRROLOBENZODIAZEPINES AND TARGETED CONJUGATES	14/351172	12/10/2012	
SPIROGEN SÁRL	United States of America	Pending	PYRROLOBENZODIAZEPINES	14/351173	12/10/2012	

SPIROGEN SÄRL	United States of America	Pending	SYNTHESIS METHOD AND INTERMEDIATES USEFUL IN THE PREPARATION OF PYRROLOBENZODIAZEPINES	14/351166	12/10/2012	
SPIROGEN SÄRL	United States of America	Pending	PYRROLOBENZODIAZEPINES	14/351175	12/10/2012	
SPIROGEN SÄRL	United States of America	Pending	PYRROLOBENZODIAZEPINES AS UNSYMMETRICAL DIMERIC PBD COMPOUNDS FOR INCLUSION IN TARGETED CONJUGATES	14/346006	20/09/2012	
SPIROGEN SÄRL	United States of America	Pending	PYRROLOBENZODIAZEPINES	14/397842	30/04/2013	
SPIROGEN SÄRL	United States of America	Pending	PYRROLOBENZODIAZEPINES	14/397843	30/04/2013	
SPIROGEN SÄRL	United States of America	Pending	UNSYMMETRICAL PYRROLOBENZODIAZEPINE-DIMERS FOR TREATMENT OF PROLIFERATIVE DISEASES	14/579094	16/10/2009	
SPIROGEN SÄRL	United States of America	Pending	SYNTHESIS AND INTERMEDIATES OF PYRROLOBENZODIAZEPINE DERIVATIVES FOR CONJUGATION	14/434830	11/10/2013	

SPIROGEN SARL	United States of America	Pending	PYRROLOBENZODIAZEPINES AND CONJUGATES THEREOF	14/654065	20/12/2013	
SPIROGEN SARL	United States of America	Pending	UNSYMMETRICAL PYRROLOBENZODIAZEPINES-DIMERS FOR USE IN THE TREATMENT OF PROLIFERATIVE AND AUTOIMMUNE DISEASES	14/654070	20/12/2013	