504188700 01/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4235375

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SPIROGEN SÀRL	01/12/2016

RECEIVING PARTY DATA

Name:	MEDIMMUNE LIMITED
Street Address:	MILSTEIN BUILDING, GRANTA PARK
City:	CAMBRIDGE
State/Country:	ENGLAND
Postal Code:	CB21 6GH

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14769787

CORRESPONDENCE DATA

Fax Number: (703)918-2262

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.

7033942253 Phone: Email: imeigs@wcsr.com

Correspondent Name: WOMBLE CARLYLE SANDRIDGE & RICE, LLP

Address Line 1: P.O. BOX 7037

Address Line 4: ATLANTA, GEORGIA 30357-0037

ATTORNEY DOCKET NUMBER:	S69697 1110US.PCT
NAME OF SUBMITTER:	JULIE BROADUS MEIGS, PH.D.
SIGNATURE:	/julie broadus meigs/
DATE SIGNED:	01/20/2017

Total Attachments: 6

source=sc1602 - Assignment - Spirogen to Medimmune#page1.tif source=sc1602 - Assignment - Spirogen to Medimmune#page2.tif source=sc1602 - Assignment - Spirogen to Medimmune#page3.tif source=sc1602 - Assignment - Spirogen to Medimmune#page4.tif source=sc1602 - Assignment - Spirogen to Medimmune#page5.tif source=sc1602 - Assignment - Spirogen to Medimmune#page6.tif

PATENT REEL: 041027 FRAME: 0285 504188700

CONFIRMATORY ASSIGNMENT

PARTIES

- (1) SPIROGEN SARL of Rue de Grand-Chêne 5, 1003 Lausanne, Switzerland (and formerly of Rue Saint-Pierre 2, c/o Michael Forer, CH-1003 Lausanne, Switzerland) ("Assignor")
- (2) **MEDIMMUNE LIMITED** of Milstein Building, Granta Park, Cambridge, CB21 6GH, England ("Assignee")

INTRODUCTION

- (A) The Assignor is a co-applicant in the Patent Applications.
- (B) The Assignor and the Assignee entered into an agreement dated 13 October 2014 ("the 2014 Agreement") whereby the Assignor assigned its share in the Patent Applications 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

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

1

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 its share in all right, title and interest in the Patent Applications; and
- (b) confirms that the assignment included in relation to its share in each of the Patent Applications:
 - right to claim priority from and to prosecute and obtain a grant of patent; and
 - 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 Patent Applications, 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 Patent Applications or any patents granted on any of the applications in the Patent Applications 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 Patent Applications, and each and any of the applications comprised in the Patent Applications 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 Patent Applications 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 Patent Applications together with all rights and obligations pertaining thereto.

Signed by: Christopher Winter on behalf of SPIROGEN SARL	Ch	Winter
Title: Authorised signatory		×
Date:		Doman

WITNESS 1:

Signature of Witness 1:

Name: Address: nimeth... Occupation:

Medimmune Limited Milstein Building, Granta Park Cambridge CB21 6GH, UK Tel: 01223 471 471

Fax: 01223 471 472 Registered No. 2451177

WITNESS 2:

Signature of Witness 2:

Name: Address: Seerla Marriaga C..... Occupation:

Medimmune Limited Milstein Building, Granta Park Cambridge CB21 6GH, UK Tel: 01223 471 471

Fax: 01223 471 472 Registered No. 3451177

Signed by: Christopher Winter on behalf of MEDIMMUNE LIMITED Title: Authorised signatory Date: WITNESS 1: Signature of Witness 1: Name: Address: CAC ADMIN Medimmune Limited Occupation: Milstein Building, Granta Park Cambridge CB21 6GH, UK Tel: 01223 471 471 WITNESS 2: Fax: 01223 471 472 Sintered No. 2451177 Signature of Witness 2: Name:

Address: Occupation:

> Medimmune Limited Milstein Building, Granta Park Cambridge CB21 8GH, UK Tel: 01223 471 471 Fax: 01223 471 472 Registered No. 2451177

Schedule - the Patent Applications

Applicant/Owner	Jurisdiction	General	Application No	Piblication No.	
	X 3 6	Status			
SPIROGEN SÅRL	Argentina	Pending	20140100571		24 February 2014
SPIROGEN SÀRL	Australia	Pending	2014218730		21 February 2014
SPIROGEN SÅRL	Brazil	Pending	BR112015019909-7		21 February 2014
SPIROGEN SÀRL	Canada	Published	2,901,114	2,901,114	21 February 2014
SPIROGEN SÅRL	Chile	Pending	02357-2015		21 February 2014
SPIROGEN SÅRL	China	Published	201480018139.7	105164159A	21 February 2014
SPIROGEN SÅRL	Colombia	Pending	15-223.132		21 February 2014
SPIROGEN SÀRL	European Patent Office	Pending	14753730.2		21 February 2014
SPIROGEN SÅRL	India	Pending	3106/KOLNP/2015		21 February 2014
SPIROGEN SÅRL	Indonesia	Pending	P00 2015 05912		21 February 2014
SPIROGEN SÀRL	srael	Published	240438		21 February 2014
SPIROGEN SÀRL	Japan	Pending	2015-559019		21 February 2014
SPIROGEN SÀRL	Malaysia	Pending	PI 2015002086		21 February 2014

PATENT REEL: 041027 FRAME: 0290

GEN New Zealand Pending 712331 21 GEN Peru Pending 001797-2015/DIN 21 GEN Philippines Pending 1-2015-501846 21 GEN Russian Pending 2015140122 21 GEN Saudi Arabia Pending 11201506650P 21 GEN South Africa Pending 11201506650P 21 GEN South Africa Pending 10-2015-7026213 21 GEN Thailand Pending 10-2015-7026213 21 GEN Thailand Pending 1501004791 21 GEN United States Pending 1501004791 21 GEN United States Expired 61/768,368 22 GEN WiPO Expired PCT/US2014/017810 WO/2014/130879 21	SPIROGEN SÅRI	Mexico	Pending	MX/a/2015/010682		21 February 2014
Peru Pending 001797-2015/DIN Philippines Pending 1-2015-501846 Russian Pending 2015140122 Federation Pending 20150228 Singapore Pending 11201506650P South Africa Pending 10-2015-7026213 South Korea Pending 10-2015-7026213 Taiwan Published 103105978 201442728 Thailland Pending 1501004791 A/769,787 United States Pending 1-2015-03483 A/Vetnam Vietnam Pending 1-2015-03483 A/Vetnam WiPO Expired PCT/US2014/017810 WO/2014/130879	SARL	New Zealand	Pending	712331		21 February 2014
Philippines Pending 1-2015-501846 Russian Pending 2015140122 Federation Pending 515360928 Saudi Arabia Pending 11201506650P South Africa Pending 2015/07012 South Korea Pending 10-2015-7026213 Taiwan Published 10-2015-7026213 Thailand Pending 1501004791 United States Pending 14/769,787 United States Expired 61/768,368 Vietnam Pending 1-2015-03483 WIPO Expired PCT/US2014/017810 WIPO Expired PCT/US2014/017810	SPIROGEN SÀRI	Peru	Pending	001797-2015/DIN		21 February 2014
Russian Federation Pending 2015140122 Saudi Arabia Pending 515360928 Singapore Pending 11201506650P South Africa Pending 2015/07012 South Korea Pending 10-2015-7026213 Taiwan Published 103105978 201442728 Thailand Pending 1501004791 14/769,787 United States Pending 14/769,787 1-2015-03483 Vietnam Pending 1-2015-03483 1-2015-03483 WIPO Expired PCT/USZ014/017810 WO/2014/130879	SARL	Philippines	Pending	1-2015-501846		21 February 2014
Saudi Arabia Pending 515360928 Singapore Pending 11201506650P South Africa Pending 2015/07012 South Korea Pending 10-2015-7026213 Taiwan Published 103105978 201442728 Thailand Pending 1501004791 Pending United States Pending 14/769,787 Pending Vietnam Pending 1-2015-03483 WIPO Expired PCT/US2014/017810 WO/2014/130879	SPIROGEN SÀRL	Russian Federation	Pending	2015140122		21 February 2014
Singapore Pending 11201506650P South Africa Pending 2015/07012 South Korea Pending 10-2015-7026213 Taiwan Published 103105978 201442728 Thailand Pending 1501004791 1501004791 United States Pending 14/769,787 14/769,787 Vietnam Pending 1-2015-03483 WIPO WIPO Expired PCT/US2014/017810 WO/2014/130879	SPIROGEN SÀRL	Saudi Arabia	Pending	515360928	***************************************	21 February 2014
South Africa Pending 2015/07012 South Korea Pending 10-2015-7026213 Taiwan Published 103105978 201442728 Thailand Pending 1501004791 1501004791 United States Pending 14/769,787 14/769,787 Vietnam Pending 1-2015-03483 1-2015-03483 WIPO Expired PCT/US2014/017810 WO/2014/130879	SPIROGEN SÀRL	Singapore	Pending	11201506650P		21 February 2014
South Korea Pending 10-2015-7026213 201442728 21 Taiwan Published 103105978 201442728 21 Thailand Pending 1501004791 21 United States Pending 14/769,787 21 Vietnam Pending 1-2015-03483 22 WIPO Expired PCT/US2014/017810 WO/2014/130879 21	SPIROGEN SÅRL	South Africa	Pending	2015/07012		21 February 2014
Taiwan Published 103105978 201442728 Thailand Pending 1501004791 Annited States Pending 14/769,787 United States Expired 61/768,368 Annited States Annited States Vietnam Pending 1-2015-03483 Annited States Annited States	SPIROGEN SÀRL	South Korea	Pending	10-2015-7026213		21 February 2014
Thailand Pending 1501004791 United States Pending 14/769,787 United States Expired 61/768,368 Vietnam Pending 1-2015-03483 WIPO Expired PCT/US2014/017810 WO/2014/130879	SPIROGEN SÀRL	Taiwan	Published	103105978	201442728	21 February 2014
United States Pending 14/769,787 United States Expired 61/768,368 Vietnam Pending 1-2015-03483 WIPO Expired PCT/US2014/017810 WO/2014/130879	SPIROGEN SÀRL	Thailand	Pending	1501004791	100000000000000000000000000000000000000	21 February 2014
United States Expired 61/768,368 Vietnam Pending 1-2015-03483 WIPO Expired PCT/US2014/017810 WO/2014/130879	SPIROGEN SÀRL	United States	Pending	14/769,787		21 August 2015
Vietnam Pending 1-2015-03483 WIPO Expired PCT/US2014/017810 WO/2014/130879	SPIROGEN SÀRL	United States	Expired	61/768,368	***************************************	22 February 2013
WIPO Expired PCT/US2014/017810 WO/2014/130879	SPIROGEN SÀRL	Vietnam	Pending	1-2015-03483		21 February 2014
	SPIROGEN SÅRL	O MIPO	Expired	PCT/US2014/017810	WO/2014/130879	21 February 2014

PATENT REEL: 041027 FRAME: 0291

RECORDED: 01/20/2017