

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT5195611

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CENTRE FOR DIGESTIVE DISEASES	10/09/2018
<b>RECEIVING PARTY DATA</b>	
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<b>State/Country:</b>	AUSTRALIA
<b>Postal Code:</b>	2095
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15483702
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	6545.119565C1
<b>NAME OF SUBMITTER:</b>	GREGORY P. EINHORN
<b>SIGNATURE:</b>	/Gregory P. Einhorn/
<b>DATE SIGNED:</b>	10/18/2018
<b>Total Attachments: 4</b>	
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## INTELLECTUAL PROPERTY AND PATENT ASSIGNMENT

WHEREAS, **Centre for Digestive Diseases**, an Australian corporation having a place of business at Level 1, 229 Great North Road, Five Dock, New South Wales (NSW) 2046 Australia ("ASSIGNOR"), is the owner of the entire right, title and interest in and to intellectual property, including know-how, goodwill, trade secrets, copyrights, trademarks, service marks, inventions, United States and foreign patents and patent applications, as well as certain United States and foreign patents and patent applications corresponding thereto, all intellectual property owned by ASSIGNOR hereinafter referred to as "INTELLECTUAL PROPERTY"; wherein said certain patents and patent applications being identified in the attached **Schedule A**, and being hereinafter referred to as "PATENTS AND PATENT APPLICATIONS".

WHEREAS, **Gaurav AGRAWAL** of Unit 1, 2, Malvern Ave., Manly, New South Wales (NSW), Australia 2095 ("ASSIGNEE"), is desirous of obtaining the entire right, title and interest in and to all INTELLECTUAL PROPERTY, including the PATENTS AND PATENT APPLICATIONS,

NOW, THEREFORE, in consideration good and valuable considerations paid by ASSIGNEE to ASSIGNOR, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assignees, the entire right, title and interest in and to all INTELLECTUAL PROPERTY, including all of the goodwill associated with any of the INTELLECTUAL PROPERTY, and all copyright rights included in the INTELLECTUAL PROPERTY, and including the PATENTS AND PATENT APPLICATIONS, and including all applications for Letters Patent of the United States or other countries claiming priority to any INTELLECTUAL PROPERTY, including the PATENTS AND PATENT APPLICATIONS, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefore and

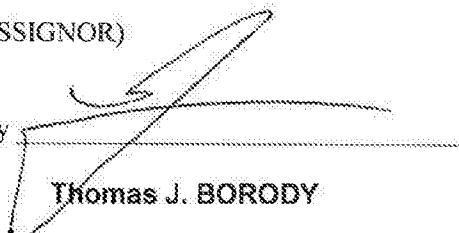
thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reexaminations, reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the ASSIGNEE, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this sale and assignment not been made; including the rights to sue for and collect damages resulting from past, present and future infringement thereof.

ASSIGNOR agrees for itself and its successors, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the ASSIGNEE may reasonably request to effectuate fully this assignment.

IN TESTIMONY WHEREOF, ASSIGNOR has caused this Assignment to be executed by the authorized sole owner of the entire right, title and interest in and to all said INTELLECTUAL PROPERTY.

(ASSIGNOR)

By



Thomas J. BORODY

Title: Director

**Centre for Digestive Diseases**

Lvl 1, 229 Great North Road


Five Dock NSW 2046

AUSTRALIA

Date 9 October 2018

ASSIGNEE hereby acknowledges receipt of the entire right, title and interest in and to  
the PATENTS AND PATENT APPLICATIONS.

(ASSIGNEE)

By 

**Gaurav AGRAWAL**

Unit 1, 2 Malvern Ave.  
Manly, NSW 2095  
AUSTRALIA

Date 9 October 2018

### Schedule A

**PCT/AU2013/000587**, International Filing Date June 4, 2013, and having priority document Australian patent application no **2012902307**, filed June 4, 2012:

**Title** (EN) COMPOSITIONS AND METHODS FOR TREATING CROHN'S DISEASE AND RELATED CONDITIONS AND INFECTIONS  
(FR) COMPOSITIONS ET PROCÉDÉS DE TRAITEMENT DE LA MALADIE DE CROHN ET DES PATHOLOGIES ET INFECTIONS ASSOCIÉES

<b>Pub. No.:</b>	WO/2013/181694	<b>International Application No.:</b>	PCT/AU2013/000587
<b>Publication Date:</b>	12.12.2013	<b>International Filing Date:</b>	04.06.2013

Australian patent no. **2013271336**, issued/ granted 15 March 2018

Canadian patent application no. **2,875,681**

China patent application no. **201380040923.3**, Publication No. CN 104540521 A

European patent application no. **13801095.4**, Publication No. EP2854852

Israel patent application No.: **236054**

Japan Patent Application No. **2015-515351**, Publication No. 2015-522553

Japan Patent Application No. **2017-104261**, filed May 26, 2017

United States patent USPN **9,616,121**, issue date April 11, 2017

United States patent application serial no. **15/483,702**, filed April 10, 2017, Published as US 2017-0274071 A1

New Zealand Patent Application No. **703394**