

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4542670

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LARRY R. ELLINGSWORTH	06/27/2014
DAVID FLYER	09/05/2014
JING-HUI TIAN	09/03/2014
STEVEN R. FUHRMANN	09/03/2014
STEFANIE KLUEPFEL-STAHl	09/03/2014
GREGORY M. GLENN	09/19/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTERCELL USA, INC.
<b>Street Address:</b>	910 CLOPPER ROAD, 160S
<b>City:</b>	GAITHERSBURG
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20878
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15421808
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	617-646-8000
<b>Email:</b>	janet.oconnor@wolfgreenfield.com
<b>Correspondent Name:</b>	WOLF GREENFIELD
<b>Address Line 1:</b>	600 ATLANTIC AVENUE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210
<b>ATTORNEY DOCKET NUMBER:</b>	I0422.70115US01
<b>NAME OF SUBMITTER:</b>	JOHN R. VAN AMSTERDAM
<b>SIGNATURE:</b>	/John R. Van Amsterdam/
<b>DATE SIGNED:</b>	08/09/2017
<b>Total Attachments: 7</b>	

source=I042270115US01-CASI-Intercell-JRV#page1.tif  
source=I042270115US01-CASI-Intercell-JRV#page2.tif  
source=I042270115US01-CASI-Intercell-JRV#page3.tif  
source=I042270115US01-CASI-Intercell-JRV#page4.tif  
source=I042270115US01-CASI-Intercell-JRV#page5.tif  
source=I042270115US01-CASI-Intercell-JRV#page6.tif  
source=I042270115US01-CASI-Intercell-JRV#page7.tif

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to Intercell USA, Inc., a Delaware corporation having a place of business at 910 Clopper Road, 160S; Gaithersburg, Maryland 20878, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on March 4, 2014 under No. 14/342,565, bearing Attorney Docket No. 10422.70115US00, and entitled ISOLATED POLYPEPTIDE OF THE TOXIN A AND TOXIN B PROTEINS OF C. DIFFICILE AND USES THEREOF, and in and to the application and all corresponding non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

27 June 2014  
Date

Larry R. Ellingsworth  
Inventor: Larry R. Ellingsworth  
Address: 303 Potter Lane  
Rockville, Maryland 20850  
Citizenship: US

Witness:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date 9/5/14

Inventor: David Flyer  
Address: 17103 Thatcher Court  
Olney, Maryland 20832  
Citizenship: US

Witness:  
Date 9/5/2014

Signature Haifeng Song

Name: Haifeng Song  
Address: 12450 Foreman Blvd  
Clarksburg, MD 20891

Witness:  
Date 9/5/14

Signature Mini Guebre Xabier

Name: Mini Guebre Xabier  
Address: 4009 Wintersweet Ct  
Rockville MD 20853

03 Sep 2014  
Date

Jing-Hui Tian  
Inventor: Jing-Hui Tian  
Address: 13429 Rising Sun Lane  
Germantown, Maryland 20874  
Citizenship: US

Witness:

03 Sep 2014  
Date

Stephanie Whipple-Stahl  
Signature

Name: Stephanie Whipple-Stahl

Address: 5600 Glenwood Rd  
Bedford, MD 20817, USA

Witness:


03 Sep 14  
Date

Luis Verora Jr  
Signature

Name: Luis Verora Jr


Address: 112 North Attol Avenue  
Baltimore, MD 21221 USA

3 SEPTEMBER 2014  
Date

  
Inventor: Steven R. Fuhrmann  
Address: 9 Crownsgate Court  
Germantown, Maryland 20874  
Citizenship: US

Witness:

September 3, 2014  
Date


  
Signature

Name: MARINA PROTOPPOVA

Address: 1425 CRESTBRIDGE DRIVE  
SILVER SPRING, MD 20910

Witness:

September 3, 2014  
Date

  
Signature

Name: Matthew Mulvey

Address: 11710 Old Georgetown Rd #1220  
North Bethesda, MD 20852

03 Sep 14  
Date

Stefanie Kluepfel-Stahl  
Inventor: Stefanie Kluepfel-Stahl  
Address: 5600 Glenwood Road  
Bethesda, Maryland 20817  
Citizenship: US

Witness:

06 Sep 14  
Date

[Signature]  
Signature

Name: Mimi Gucho Yabier

Address: 4009 Wintersweet Ct  
Rockville MD 20853

Witness:

03 Sep 2014  
Date


[Signature]  
Signature

Name: Sing-Hui Tsai

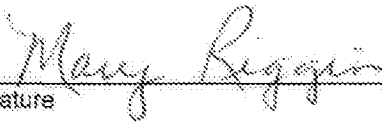
Address: 13429 Rising Sun Lane  
Grovetown MD 20874



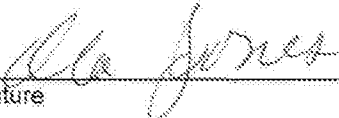
19 Sept 2014  
Date

  
Inventor: Gregory M. Glenn  
Address: 20 Firstfield Road, Suite 250  
Gaithersburg, Maryland 20878  
Citizenship: US

Witness:  
9/22/2014  
Date

  
Signature  
Name: Mary Riggins  
Address: 15101 Interlachen Dr. #808  
Silver Spring, MD 20906

Witness:  
9/22/2014  
Date

  
Signature  
Name: Ola Jones  
Address: 204 E Tazewell Rd  
Sterling VA 20164