

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5761422

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JORDAN BISANZ	05/17/2017
GREGOR REID	05/04/2017
MARC MONACHESE	05/04/2017
JEREMY BURTON	05/05/2017
JOHAN VAN HYLCKAMA Vlieg	05/17/2017
TAMARA SMOKVINA	05/17/2017

RECEIVING PARTY DATA

Name:	LONDON HEALTH SCIENCES CENTRE RESEARCH INC.
Street Address:	105-100 COLLIP CIRCLE
City:	LONDON, ON
State/Country:	CANADA
Postal Code:	N6G 4X8
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Street Address:	17 BOULEVARD HAUSSMANN
City:	PARIS
State/Country:	FRANCE
Postal Code:	F-75009

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14390685

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	EDUARDO KRUPNIK
SIGNATURE:	/Eduardo Krupnik/
DATE SIGNED:	10/09/2019

Total Attachments: 9

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ASSIGNMENT - WORLDWIDE

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

LONDON HEALTH SCIENCES CENTRE RESEARCH INC.,
Suite 105-100 Collip Circle, London, Ontario, Canada, N6G 4X8;

(hereinafter referred to singly and collectively as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

FOOD GRADE BACTERIA FOR THE REMOVAL OF TOXIC COMPOUNDS

as set forth and described in following Patent Applications:

U.S. Patent Application Serial No. 61/620,796, filed April 5, 2012, PCT/CA2013/000328, filed April 5, 2013, U.S. Patent Application No. 14/390,685, Canadian Patent Application No. 2,869,566, Chinese Patent Application No. 201380029656X and European Patent Application No. 13771919,

as well as in and to (a) the above identified applications and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention, (b) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (c) all divisions, continuations, reissues, or extensions thereof of any application or patent claiming priority to said invention, and (d) the right to claim for any of said applications the full benefits and under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title and interest to be held and enjoyed by Assignee, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by Assignor had this Assignment not been made

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified inventions in the name of the undersigned or in the name of Assignee or otherwise as Assignee may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patents to Assignee as assignee of the entire interest, for the sole use and benefit of Assignee, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to Assignee, its successors and assigns, or their representative or agents, all facts and information known or available to Assignor respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by Assignee; (b) to testify in person or by affidavit as required by Assignee, its successors and assigns, in any

such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by Assignee, and without further consideration, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to Assignee, its successors and assigns, in obtaining and enforcing proper title in and protection for said inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

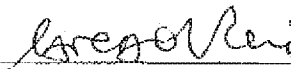
ASSIGNOR HEREBY REPRESENTS AND WARRANTS that Assignor has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that Assignor has not executed and will not execute any document or instrument in conflict herewith.

[The remainder of this page is left intentionally blank.]

Executed this _____ day of _____, 201__

JORDAN BISANZ

Executed this 4 day of MAY, 2017



GREGOR REID

Executed this _____ day of _____, 201__

MARC MONACHESE

Executed this 5 day of May, 2017



JEREMY BURTON


Executed this ____ day of _____, 201__

JORDAN BISANZ

Executed this ____ day of _____, 201__

GREGOR REID

Executed this 4 day of May, 2017

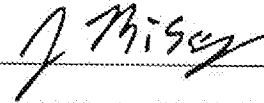


MARC MONACHESE

Executed this ____ day of _____, 201__

JEREMY BURTON

Executed this 17 day of May, 2017



JORDAN BISANZ

Executed this ____ day of _____, 201__

GREGOR REID

Executed this ____ day of _____, 201__

MARC MONACHESE

Executed this ____ day of _____, 201__

JEREMY BURTON

2013

ASSIGNMENT - WORLDWIDE

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

COMPAGNIE GERVAIS DANONE, a legal entity established under the law of France, located in 17 Boulevard Haussmann, F-75009 Paris (FR)

(hereinafter referred to singly and collectively as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

FOOD GRADE BACTERIA FOR THE REMOVAL OF TOXIC COMPOUNDS

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ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified inventions in the name of the undersigned or in the name of Assignee or otherwise as Assignee may deem advisable under the International Convention or otherwise.

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ASSIGNOR HEREBY AGREES (a) to communicate to Assignee, its successors and assigns, or their representative or agents, all facts and information known or available to Assignor respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by Assignee; (b) to testify in person or by affidavit as required by Assignee, its successors and assigns, in any

such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by Assignee, and without further consideration, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to Assignee, its successors and assigns, in obtaining and enforcing proper title in and protection for said inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that Assignor has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that Assignor has not executed and will not execute any document or instrument in conflict herewith.

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Executed this _____ day of _____, 201__

Executed this 17th day of May, 2017

JOHAN VAN HYLCKAMA VLIEG

T. Smokvina

TAMARA SMOKVINA

Executed this 17 day of May, 2017

Executed this ____ day of _____, 201__



JOHAN VAN HYLCKAMA VLIEG

TAMARA SMOKVINA

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