

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TRENT UNIVERSITY	11/23/2018
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Property Type	Number
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SIGNATURE:	/Charles J. Vrscak, Jr./
DATE SIGNED:	01/23/2020
Total Attachments: 4	
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WORLDWIDE

25440-P51511; 25440-P51020;
25440-P56535

ASSIGNMENT

WHEREAS, Trent University, whose full post office address is 1600 West Bank Drive, Peterborough, Ontario, Canada K9J 0G2, (hereinafter "the Assignor") owns right, title and interest to one or more inventions which are the subject of patent applications as listed in the attached Schedule A (hereinafter "the Application(s)");

AND WHEREAS, Adam J. Noble whose full post office address is 2500 North School Road, Lakefield, Ontario, Canada K0L 2H0, (hereinafter "the Assignee"), has acquired from the Assignor, its entire right, title and interest in and to the inventions, in all countries of the world, including its rights to the Application(s), and all related applications and patents thereon, including any and all, international, national and regional phase applications based on the Application(s), and other counterpart applications in all countries, and any and all substitutes, divisionals, continuations and continuations-in-part, and any Letters Patent that may be obtained therefor, and in any and all reissues, extensions, renewals and reexaminations of such applications and patents, including the right to claim priority to the Application(s), and to all related applications and patents thereon filed by the Assignor or Assignee, including the benefit of any right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and the benefit of any right of priority provided by any convention or treaty under domestic or foreign law, and to invoke and claim any such right of priority without further written or oral authorization from the Assignors;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of all of which is hereby acknowledged, the Assignor hereby confirms that it has sold, assigned, transferred and set over, and does hereby sell, assign, transfer

and set over to the Assignee, all its right, title and interest for Canada, the United States of America, its territories, dependencies and possessions, and for all other countries in the world, in and to the inventions, including its rights to the Application(s), and all related applications and patents thereon, including the right to claim priority to the Application(s) and to all related applications and patents thereon, to be held and enjoyed by the Assignee, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by them, had this Assignment not been made.

The Assignor shall without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain the Application(s) for the inventions, and all related applications and patents thereon, in any and all countries, and to vest title thereto in the Assignee, its successors, assigns and legal representatives or nominees.

The Assignor authorizes and empowers Bereskin & Parr LLP/S.E.N.C.R.L., s.r.l., whose complete address is Scotia Plaza, 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2, to insert on this Assignment any further identification, to prepare any translation which may be necessary or desirable in order to comply with the rules for recordation of this document in any country and to correct any clerical error in this assignment.

The Commissioner of Patents & Trademarks is hereby authorized and requested to issue any Letters Patent for the Application(s), and all related applications thereon, to the Assignee, for its sole use and benefit; and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by the Assignor had this Assignment and sale not been made.

Trent University

SIGNED AT Peterborough Ontario, this 23rd day of NOVEMBER, 2018.

John Knight
Witness
JOHN KNIGHT

Neil Emery

Name: DR. NEIL EMERY
Title: VP RESEARCH & INNOVATION

I/We have authority to bind the university.

Adam J. Noble

SIGNED AT Peterborough, Ontario, this 6th day of Dec., 2018.

Rebecca Tripp
Witness
Rebecca Tripp

Adam J. Noble
Adam J. Noble

Schedule A

Title	Country	Application Number	Status	Filing Date
METHODS AND USES OF DISSOLVED ORGANIC MATERIAL FRACTIONS FOR BINDING METAL IONS	PCT	PCT/CA2017/050984	Pending	August 18, 2017
METHODS AND USES OF DISSOLVED ORGANIC MATERIAL FRACTIONS FOR BINDING METAL IONS	US	62/377,323	Abandoned	August 19, 2016
METHODS AND USES OF DISSOLVED ORGANIC MATERIAL FRACTIONS FOR BINDING METAL IONS	US	62/513,018	Abandoned	May 31, 2017
METHODS AND USES OF ENCAPSULATED EXUDATES AND DRIED EUGLENA BIOMASS FOR BINDING METAL	PCT	PCT/CA2018/050431	Pending	April 6, 2018
METHODS AND USES OF ENCAPSULATED EXUDATES AND DRIED EUGLENA BIOMASS FOR BINDING METAL	US	62/482,952	Abandoned	April 7, 2017
METHODS FOR HETEROTROPHICALLY CULTURING EUGLENA IN HYBRID MEDIA	US	62/692,528	Pending	June 29, 2018