PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6569896

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date | |
|----------------------|----------------|--|
| CORCORDIA UNIVERSITY | 06/27/2018 | |

RECEIVING PARTY DATA

| Name: | VALORBEC, SOCIETE EN COMMANDITE |
|-----------------|---------------------------------|
| Street Address: | BUREAU 503, 355 RUE PEEL |
| City: | MONTREAL, QUEBEC |
| State/Country: | CANADA |
| Postal Code: | H3C 2G9 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 16792442 | |

CORRESPONDENCE DATA

Fax Number: (410)461-3067

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.

Phone: 4104656678 Email: rkl@rklpatlaw.com

Correspondent Name: ROSENBERG, KLEIN & LEE

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Address Line 4: **ELLICOTT CITY, MARYLAND 21043**

| ATTORNEY DOCKET NUMBER: | MR4465-373/DIV | |
|-------------------------|-----------------------|--|
| NAME OF SUBMITTER: | MORTON J. ROSENBERG | |
| SIGNATURE: | /Morton J. Rosenberg/ | |
| DATE SIGNED: | 02/25/2021 | |

Total Attachments: 3

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PATENT REEL: 055403 FRAME: 0127 506523120

CONFIRMATION ASSIGNMENT OF INVENTION

WHEREAS, We

Concordia University,

hereinafter referred to as the "Assignor", whose full post office address is 1455 de Maisonneuve Boulevard West, Montréal, Québec, H3G 1M8, Canada

DID, originally acquire the rights to:

United States Provisional Patent Application No. 62/512,205 filed May 30, 2017 entitled "Microelectromechanically Actuated Suspended Waveguide Wavelength Tunable Optical Sources, Filters, and Detectors"; and

United States Provisional Patent Application No, 62/520,159 filed June 15, 2017 entitled "Microelectromechanically Actuated Deformable Optical Beam Steering for Wavelength Tunable Optical Sources, Filters, and Detectors"

WHEREAS, Valorbec, société en commandite, hereinafter referred to as the assignee, whose full post office address is Bureau 503, 355 rue Peel, Montréal, Québec, H3C 2G9 acting through its general partner Aligo Innovation (a Limited Partnership) as represented by its general partner Corporation Aligo Inc. did acquire and is desirous of acquiring the entire right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefor;

NOW, THEREFORE, we did as of April 1, 2016 assign, but if that assignment was not legally effective for any reason then the Assignor do hereby assign, our rights, title, and interest in and to said invention, inventions and to any and all patents to be obtained therefor to Valorbec, société en commandite, by virtue of the Intellectual Property Rights Agreement entitled "Intellectual Property Rights Assignment" (Reference: 2015-023/UCON-182 Planar Spectrometer Integrated Configurations for Wavelength Tuning M. Packirisamy et al.) relating to Declaration on Invention DOI 2015-023 as originally established and as amended on April 1, 2016 as executed by Dr. Justin Powlowski, Associate Vice-President, Research on behalf of Concordia University and by Anne-Marie Larose Chief Executive Officer on behalf of Valorbec, société en commandite, acting through its general partner Aligo Innovation (a Limited Partnership) as represented by its general partner Corporation Aligo Inc., acting through its general partner Aligo Innovation (a Limited Partnership) as represented by its general partner Corporation Aligo Inc.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which is hereby acknowledged, we do by these presents hereby sell, assign and transfer unto said assignee, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application / disclosure, in any form or embodiment thereof, and in and to the aforesaid application, and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional, continuation, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee.

WE FURTHER AGREE without any payment by said assignee other than expenses incurred by the undersigned, to communicate to said assignee, its representatives or agents, any facts relating to said invention or inventions, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference or other proceedings, whenever requested; and execute and deliver,

Page 1

May 2018

Concordia University and Valorbec, société en commandite

on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns.

| For: Concordia U | niversity (Assignor) | |
|-------------------|--|------------|
| Date: | June 27,2013 | 9 6 6 6 |
| Printed Name | Justin Powlowski, Ph.D. | |
| Title | As octate Vice-President, Strategy and Operations | |
| Signature | | |
| | for and on behalf of Concordia University, having the authority to bind the University | |
| Date: | June 27, 2018 | |
| Printed Name | June 27, 2018 Cinzia Miscia | |
| Signature | Congret Missien | |
| | do hereby declare that I duly witnessed execution of the above signature | |
| For: Valorbec, so | ciété en commandite (Assignec) | |
| Date: | | |
| Printed Name | Anne-Marie Larose | |
| Title | Chief Executive Officer | |
| Signature | | |
| | for and on behalf of Valorbec, société en commandite, having the authority to bind the corporation | |
| Date: | | |
| Printed Name | | |
| Signature | | |
| | do hereby declare that I duly witnessed execution of the above signature | |
| | Page 2 May 2018 | |

PATENT REEL: 055403 FRAME: 0129

Concordia University and Valorbec, société en commandite

on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns.

| For: Concordia U | niversity (Assignor) | | | |
|------------------------|--|----------------|--|---------------|
| Date: | | | | |
| | | 4 B | | |
| Printed Name | Justin Powlowski, Ph.D. | | | |
| Title | Associate Vice-President, Researc | h | | |
| Signature | | ************ | | |
| | for and on behalf of Concordia Univ | versity, | | |
| | having the authority to bind the Uni | iversity | | |
| | | | | |
| Date: | | | | |
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| Printed Name | | | | |
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| For: Valorbec, soc | iété en commandite (Assignee) | | | |
| | 1 04 2.17 | | | |
| Date: | June 27, 2018 | • | | |
| * | | | | |
| Printed Name | Anne-Marie Larose | | | |
| - 110 - 11114 - 1 | | | | |
| Title | Chief Executive Officer | | | |
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| | tor and on behalf of Valorbec, socie having the authority to bind the cor | | mianune, | |
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| Date: | June 27, 20/8 | | | |
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Page 2