#### 505391822 03/25/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5438615

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

#### **CONVEYING PARTY DATA**

| Name            | Execution Date |
|-----------------|----------------|
| ELODIE PASTURAL | 09/30/2010     |
| SHAWN RITCHIE   | 09/30/2010     |

#### **RECEIVING PARTY DATA**

| Name:           | PHENOMENOME DISCOVERIES INC. |
|-----------------|------------------------------|
| Street Address: | 204-407 DOWNEY ROAD          |
| City:           | SASKATOON, SASKATCHEWAN      |
| State/Country:  | CANADA                       |
| Postal Code:    | S7N 4L8                      |

### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 16027958 |

#### CORRESPONDENCE DATA

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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.

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| ATTORNEY DOCKET NUMBER: | 135583.00392         |
|-------------------------|----------------------|
| NAME OF SUBMITTER:      | MARY FRANCES HEEKS   |
| SIGNATURE:              | /Mary Frances Heeks/ |
| DATE SIGNED:            | 03/25/2019           |

## **Total Attachments: 3**

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> **PATENT** REEL: 048688 FRAME: 0369

505391822

#### **ASSIGNMENT**

Whereas we,

- 1) Elodie PASTURAL
- 2) Shawn RITCHIE

have invented certain new and useful improvements in **Serum-Based Biomarkers Of Pancreatic Cancer And Uses Thereof For Disease Detection And Diagnosis** as fully described and claimed in PCT International application no. PCT/CA2010/001565, filed on October 1, 2010 claiming priority to United States Provisional application no. 61/247,828 filed on October 1, 2009;

BULLE

CHUR

Whereas Phenomenome Discoveries Inc., having a place of business at 204-407 Downey Road, Saskatoon, Saskatchewan, S7N 4L8, Canada, hereinafter called ASSIGNEE, is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, WE, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right, title and interest in and to the said invention in and to all Conventions and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, non-provisional or substitute thereof, including any corresponding right to claim priority from the Patent Application in any country or jurisdiction, re-examination or extension of said Letters Patent.

WE hereby authorize and request the Patent Office Officials in the United

States, Canada and throughout the world to issue any and all of said Letters Patents,

when granted, to said ASSIGNEE as the assignee of our entire right, title and interest

in and to the same, for the sole use and behalf of said ASSIGNEE, its successors and

assigns, to the full end of the term for which said Letters Patents may be granted, as

fully and entirely as the same would have been held by us had this Assignment and

sale not been made.

Further, WE agree that we will communicate to said ASSIGNEE or its

representatives any facts known to us respecting said invention, and testify in any

legal proceeding, sign all lawful papers, execute all papers relating to a continuation,

division, continuation-in-part, extension, non-provisional or substitute thereof,

including any corresponding right to claim priority from the Patent Application in any

country or jurisdiction and any reissue, re-examination or extension of said Letters

Patent, execute all necessary assignment papers to cause any and all of said Letters

Patents to be issued to said ASSIGNEE, make all rightful oaths, and, generally do

everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and

enforce proper protection for said invention in the United States, Canada and

throughout the world.

The undersigned hereby authorizes the firm of GOWLING LAFLEUR

HENDERSON LLP to correct errors in this Assignment or to insert any further

identification or other information necessary or desirable to make this Assignment

suitable for recordal in the United States, Canada and throughout the world.

Serum-Based Biomarkers Of Pancreatic Cancer And Uses Thereof For Disease Detection And Diagnosis
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| (1) SIGNED at <u>Saskatoon SK</u> this <u>30</u> day of <u>September</u> , 2010    |
|--|
| Partural - Hardour   |
| Elodie PASTURAL  |
| WITNESS:   |
| On this 30th day of September , 2010 before me                                     |
| personally appeared the above named Elodie PASTURAL to me known and known          |
| by me to be the person described in and who executed the foregoing instrument, and |
| acknowledged the same to be his own free act and deed.                             |
|  |
| June Klener  |
|  |
| (2) SIGNED at Saskatoon SK this 30th day of September, 2010                        |
| Shawn RITCHIE  |
| WITNESS:   |
| On this 30th day of September, 2010, before me                                     |
|  |
| personally appeared the above named <b>Shawn RITCHIE</b> to me known and known by  |
| me to be the person described in and who executed the foregoing instrument, and    |
| acknowledged the same to be his own free act and deed.                             |
| Jenino Allener   |
|  |

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**REEL: 048688 FRAME: 0372**