

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3777737

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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                      |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                          |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                     |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>               |
| JAMES H. FIRSTBROOK                                                                                                                                                                             | 09/16/2014                          |
| DAVID A. MACLEOD                                                                                                                                                                                | 09/16/2014                          |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                     |
| <b>Name:</b>                                                                                                                                                                                    | FULCRUM MANAGEMENT SOLUTIONS LTD.   |
| <b>Street Address:</b>                                                                                                                                                                          | BOX 2260, 1145 LAKEVIEW DRIVE       |
| <b>City:</b>                                                                                                                                                                                    | ROSSLAND, BC                        |
| <b>State/Country:</b>                                                                                                                                                                           | CANADA                              |
| <b>Postal Code:</b>                                                                                                                                                                             | V0G 1Y0                             |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                     |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                       |
| <b>Application Number:</b>                                                                                                                                                                      | 15066303                            |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                     |
| <b>Fax Number:</b>                                                                                                                                                                              | (703)726-6024                       |
| <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>                                                                                                                                                                                   | 7037266020                          |
| <b>Email:</b>                                                                                                                                                                                   | mail@rkmlp.com                      |
| <b>Correspondent Name:</b>                                                                                                                                                                      | ROSSI KIMMS & MCDOWELL LLP          |
| <b>Address Line 1:</b>                                                                                                                                                                          | 20609 GORDON PARK SQUARE, SUITE 150 |
| <b>Address Line 4:</b>                                                                                                                                                                          | ASHBURN, VIRGINIA 20147             |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | FMSL-0001US1                        |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | TAMMY KASSICK                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Tammy Kassick/                     |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 03/10/2016                          |
| <b>Total Attachments: 5</b>                                                                                                                                                                     |                                     |
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**ASSIGNMENT**

**WHEREAS, WE ("ASSIGNOR"),**

James H. FIRSTBROOK residing at 1145 Lakeview Drive, Box 1797, Rossland, British Columbia, Canada V0G 1Y0; and

David A. MACLEOD residing at 2209 Happy Valley Road, Box 18, Rossland, British Columbia, Canada V0G 1Y0,

have invented, developed, and/or have rights in the invention(s) ("THE INVENTION(S)") disclosed in:

(1) United States Provisional Patent Application No. 61/880,578, filed on September 20, 2013;

(2) United States Provisional Patent Application No. 61/951,044, filed on March 11, 2014; and

(3) PCT International Patent Application titled, "PROCESSING QUALITATIVE RESPONSES", identifying us as inventors, claiming priority to each of above-identified applications (1) and (2), and bearing Attorney Docket No. FMSL-0001PCT, ((1)-(3) collectively the "Patent Applications");

**AND WHEREAS FULCRUM MANAGEMENT SOLUTIONS LTD. ("ASSIGNEE")**, a Canadian corporation having an address of 1145 Lakeview Drive, Box 2260, Rossland, British Columbia, Canada V0G 1Y0, desires to acquire the entire right, title, and interest in and to THE INVENTION(S) and the Patent Applications;

**NOW, THEREFORE**, in consideration of the sum of one dollar (\$1.00) in hand, other good and valuable consideration, or both the sum of one dollar (\$1.00) in hand and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to THE INVENTION(S) and the Patent Applications and all existing and future patents and patent applications claiming priority to, benefit of, or both priority to and benefit of one or more of the Patent Applications including divisions, continuations, and continuations-in-part thereof and all reissues, reexaminations, and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, registrations, inventor's certificates, and the like) heretofore or hereafter filed for THE INVENTION(S) in any country or countries, and all patents (including all extensions, renewals and reissues thereof) granted for THE INVENTION(S) or the Patent Applications in any country or countries;

**AND WE HEREBY** authorize and request any official whose duty it is to issue patents to issue any patent on THE INVENTION(S), the Patent Applications, or resulting therefrom to and in the name of ASSIGNEE or its successors, assigns, or nominees;

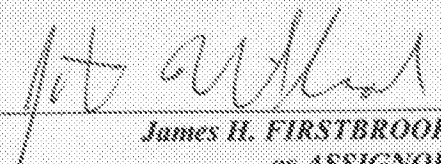
**AND WE HEREBY** covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

**AND WE HEREBY** further covenant and agree that, without further consideration, we will communicate to ASSIGNEE or its successors, assigns, or nominees any facts known to us respecting THE INVENTION(S) and the Patent Applications, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute, reexamination, and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for THE INVENTION(S) and the Patent Applications in all countries.

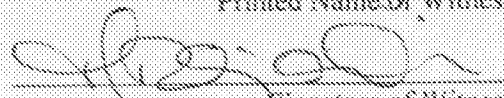
**DEFINITIONS:** The phrase "and/or", as used in this Assignment, means one or more of the items associated with such phrase. For example, the phrase 'A and/or B' means 'A, B, or both A and B'. For another example, the phrase 'A, B, and/or C' means 'A, B, C, (A and B), (B and C), (A and C), or (A, B, and C)'. In addition, unless otherwise required by context, the term "or" is used in this Assignment in a non-exclusive sense.

--- SIGNATURES BEGIN ON NEXT PAGE ---

In testimony whereof, I hereunto set my hand this 16 day of Sept, 2014.

  
**James H. FIRSTBROOK**  
 as ASSIGNOR

Michèle Y. Desjardins  
 Printed Name of Witness

  
 Signature of Witness

Sept. 16<sup>th</sup> 2014  
 Date

STATE OF \_\_\_\_\_ )  
 ) SS:  
 COUNTY OF \_\_\_\_\_ )

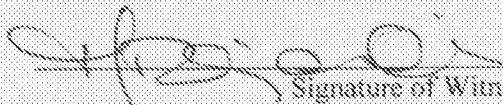
On \_\_\_\_\_, 201\_\_\_\_, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared **James H. FIRSTBROOK**, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he executed the same.

\_\_\_\_\_  
 (Notary Public)

In testimony whereof, I hereunto set my hand this 16 day of Sept, 2014

  
 \_\_\_\_\_  
**David A. MACLEOD**  
 as ASSIGNOR

Michele V. Desjardins  
 Printed Name of Witness

  
 \_\_\_\_\_  
 Signature of Witness

Sept. 16<sup>th</sup> 2014  
 \_\_\_\_\_  
 Date

STATE OF \_\_\_\_\_ )  
 ) SS:  
 COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, 201\_\_\_\_, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared **David A. MACLEOD**, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he executed the same.

\_\_\_\_\_  
 (Notary Public)

In testimony whereof, I hereunto set my hand this 16 day of Sept, 2014.

  
James H. FIRSTBROOK for ASSIGNEE  
 Chief Executive Officer  
 Fulcrum Management Solutions Ltd.

Michèle Y. Desjardins  
 Printed Name of Witness

  
 Signature of Witness

Sept. 16<sup>th</sup> 2014  
 Date

STATE OF \_\_\_\_\_ )  
 ) SS:  
 COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, 201\_\_\_\_, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared *James H. FIRSTBROOK*, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he executed the same.

\_\_\_\_\_  
 (Notary Public)