503872589 06/15/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3919238

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| PAUL J.L. WEBSTER | 04/25/2013 |

RECEIVING PARTY DATA

| Name: | QUEEN'S UNIVERSITY AT KINGSTON | |
|-----------------|--------------------------------|--|
| Street Address: | QUEEN'S UNIVERSITY | |
| City: | KINGSTON, ON | |
| State/Country: | CANADA | |
| Postal Code: | K7L 3N6 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14775136 |

CORRESPONDENCE DATA

Fax Number: (613)533-6853

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: 613-533-2342

Email: nmcintyre@parteqinnovations.com

Correspondent Name: NANCY MCINTYRE Address Line 1: QUEEN'S UNIVERSITY

Address Line 4: KINGSTON, ON, CANADA K7L 3N6

| ATTORNEY DOCKET NUMBER: | 2013-002-04US |
|-------------------------|------------------|
| NAME OF SUBMITTER: | NANCY MCINTYRE |
| SIGNATURE: | /Nancy McIntyre/ |
| DATE SIGNED: | 06/15/2016 |

Total Attachments: 2

source=SignedAssignment_1#page1.tif source=SignedAssignment_1#page2.tif

PATENT 503872589 REEL: 038919 FRAME: 0630

ASSIGNMENT

WHEREAS, **Paul J.L. Webster** of 503-135 Ontario Street, Kingston, Ontario, K7L 0A5, Canada, hereinafter referred to as "ASSIGNOR", is the inventor of the Invention described and set forth in United States Patent Application Serial No. 61/778,592, filed on March 13, 2013, entitled **Keyhole Dynamics**; and

WHEREAS, **Queen's University at Kingston**, whose complete address is Kingston, Ontario, K7L 3N6, Canada, hereinafter referred to as "ASSIGNEE", is desirous of acquiring an interest in the Invention and patent application and in any Letters Patent and Registration which may be granted thereon, and in any patent application and Letters Patent and Registration claiming priority from the same;

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR does hereby assign to ASSIGNEE all right, title, and interest, including priority rights, in and to the Invention and all subject matter in the disclosed application and to all foreign counterparts thereof, and in and to any Letters Patent and Registration which may hereafter be granted thereon, and in and to any patent application claiming priority from the same, in Canada, the United States, and all countries throughout the world. The right, title, and interest is to be held and enjoyed by ASSIGNEE and ASSIGNEE's successors and assigns as fully and exclusively as it would have been held and enjoyed by ASSIGNOR had this Assignment not been made, for the full term of any Letters Patent and Registration which may be granted thereon, or of any division, renewal, continuation, substitution, conversion, reissue, prolongation, or extension thereof.

ASSIGNOR further agrees that he will, without charge to ASSIGNEE, but at ASSIGNEE's expense, (a) cooperate with ASSIGNEE in the prosecution of patent applications and foreign counterparts on the Invention, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as ASSIGNEE lawfully may request to obtain or maintain Letters Patent and Registration for the Invention in any and all countries, and to vest title thereto in ASSIGNEE, or ASSIGNEE's successors and assigns.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America, and the empowered officials of all other governments, to issue any and all Letters Patent and Registration for said Invention or resulting from said application, or from any division, renewal, continuation, substitution, conversion, reissue, prolongation, or extension thereof, to ASSIGNEE, as ASSIGNOR'S sole assignee.

PATENT REEL: 038919 FRAME: 0631 - 2 -

| | in testimony whereo | r i have hereunto set m | ny nand: |
|---|------------------------|---|---------------|
| | this <u>22</u> day of/ | ργ.΄ | 2013 |
| | - / //// <u></u> | | |
| | | | |
| | Paul N. Webster | MATTER CO. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | |
| | . | | |
| | CERTIFICATE | | |
| City of Kingston) | | | |
| Province of Ontario) | | | |
| On this 25 th day | | 2013 appeared I | |
| person the above Paul J.L. Webste | | | |
| he signed and delivered the above in herein set forth. | istrument as his volui | ntary act and deed for t | tne purposes |
| nerem sectorur. | | <i>A</i> | |
| | | | A.K. |
| | Α. | 1 <u> - 244 - 2</u> | |
| | N | d-Stephen J. Scribner | ringetic kyon |
| | | Notary Public | |

Angels Patricis Lyon, Notary Public, Province of Ontario, ilmited to the attestation of instruments and the taking of affidavits, or PARTEO innovations and its subsidiaries, associates and affiliates.

Expires April 21, 2014

PATENT REEL: 038919 FRAME: 0632

RECORDED: 06/15/2016