

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM470435

|   |  |                       |                     |
|---|--|-----------------------|---------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT   |                       |                     |
| <b>NATURE OF CONVEYANCE:</b>  | SECURITY INTEREST                                      |                       |                     |
| <b>CONVEYING PARTY DATA</b>   |  |                       |                     |
| <b>Name</b>   | <b>Formerly</b>  | <b>Execution Date</b> | <b>Entity Type</b>  |
| THOUGHTWIRE HOLDINGS CORP.  |  | 02/15/2018            | Corporation: CANADA |
| <b>RECEIVING PARTY DATA</b>   |  |                       |                     |
| <b>Name:</b>  | COMERICA BANK  |                       |                     |
| <b>Street Address:</b>  | Suite 2210, South tower, Royal Bank Plaza, P.O. Box 61 |                       |                     |
| <b>City:</b>  | Toronto  |                       |                     |
| <b>State/Country:</b>   | CANADA   |                       |                     |
| <b>Postal Code:</b>   | M5J 2J2  |                       |                     |
| <b>Entity Type:</b>   | Corporation: CANADA                                    |                       |                     |
| <b>PROPERTY NUMBERS Total: 2</b>  |  |                       |                     |
| <b>Property Type</b>  | <b>Number</b>  | <b>Word Mark</b>      |                     |
| <b>Registration Number:</b>   | 4212304  | THOUGHTWIRE           |                     |
| <b>Registration Number:</b>   | 4244205  | THOUGHTWIRE           |                     |
| <b>CORRESPONDENCE DATA</b>  |  |                       |                     |
| <b>Fax Number:</b>  | 4168657048   |                       |                     |
| <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>   | 4168657152   |                       |                     |
| <b>Email:</b>   | sharon.groom@mcmillan.ca                               |                       |                     |
| <b>Correspondent Name:</b>  | McMillan LLP   |                       |                     |
| <b>Address Line 1:</b>  | 181 Bay Street, Suite 4400                             |                       |                     |
| <b>Address Line 4:</b>  | Toronto, CANADA M5J 2T3                                |                       |                     |
| <b>NAME OF SUBMITTER:</b>   | SHARON GROOM   |                       |                     |
| <b>SIGNATURE:</b>   | /SEG/  |                       |                     |
| <b>DATE SIGNED:</b>   | 04/18/2018   |                       |                     |
| <b>Total Attachments: 5</b>   |  |                       |                     |
| source=IP Security Agreement from ThoughtWire Holdings to Comerica Bank#page1.tif   |  |                       |                     |
| source=IP Security Agreement from ThoughtWire Holdings to Comerica Bank#page2.tif   |  |                       |                     |
| source=IP Security Agreement from ThoughtWire Holdings to Comerica Bank#page3.tif   |  |                       |                     |
| source=IP Security Agreement from ThoughtWire Holdings to Comerica Bank#page4.tif   |  |                       |                     |

OP \$65.00 4212304



**INTELLECTUAL PROPERTY SECURITY AGREEMENT  
(THOUGHTWIRE HOLDINGS CORP.)**

This Intellectual Property Security Agreement (this "Agreement") is made and entered into as of February 15, 2018, between **THOUGHTWIRE HOLDINGS CORP.**, a company existing under the *Canada Business Corporations Act* ("Grantor") and **COMERICA BANK**, a Texas banking association and authorized foreign bank under the *Bank Act* (Canada) ("Bank").

RECITALS

A. Bank has or will enter into certain financial accommodations with ThoughtWire Corp. ("Borrower") pursuant to a Loan Agreement made as of the date hereof among Bank, Borrower and Grantor, as amended, restated, replaced and supplemented from time to time ("Loan Agreement").

B. Bank has required Grantor to provide, among other things, the following: (i) certain Guarantee dated as of the date hereof in favour Bank guaranteeing all the indebtedness and obligations of Borrower to Bank, as it may be amended, restated, replaced or supplemented from time to time (the "Guarantee") (i) a certain General Security Agreement dated as of the date hereof between Grantor and Bank, as it may be amended, restated, replaced or supplemented from time to time (the "Security Agreement"), and (ii) this Agreement to Bank, in each case, to secure the Obligations (as defined in the Security Agreement). All terms used without definition in this Agreement shall have the meaning assigned to them in the Security Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment and performance when due of the Obligations now existing or hereafter arising, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure the prompt and complete payment and performance when due of the Obligations now existing or hereafter arising, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Security Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Guarantee, the Security Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein, the Guarantee, the Security Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Guarantee, the Security Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

Grantor represents and warrants that Exhibits A, B, and C attached hereto set forth any and all intellectual property rights in connection to which Grantor has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

[Remainder of Page Intentionally Left Blank]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

Address:

ThoughtWire Holdings Corp.  
166 King Street East, Suite 200  
Toronto, Ontario M5A 1J3  
Attn: Chief Executive Officer  
Fax : \_\_\_\_\_

Grantor:

THOUGHTWIRE HOLDINGS CORP., a company  
existing under the *Canada Business Corporations Act*

By: 

Name: Michael Monteith

Title: Chief Executive Officer

Address:

Comerica Bank  
Suite 2210, South Tower  
Royal Bank Plaza, P.O. Box 61  
Toronto, Ontario M4W 3E2  
Attn: Robert C. Rosen  
Fax: 416.367.2460

Bank:

COMERICA BANK

By: 

Name: DAVE SAMRA

Title: VP

[Signature Page to Intellectual Property Security Agreement (ThoughtWire Holdings Corp.)]

TRADEMARK  
REEL: 006316 FRAME: 0949

**EXHIBIT A**

**Copyrights**

NIL.

**EXHIBIT B**

**Patents**

| <b>No.</b> | <b>Assignee</b>            | <b>Description</b>  | <b>Status</b>   | <b>Application/Registration No.</b> |
|------------|----------------------------|---|---|-------------------------------------|
| 1.         | ThoughtWire Holdings Corp. | METHOD AND SYSTEM FOR ENABLING DATA SHARING BETWEEN SOFTWARE SYSTEMS                    | Patented Case   | 9,742,843                           |
| 2.         | ThoughtWire Holdings Corp. | METHOD AND SYSTEM FOR MANAGING THE LIFETIME OF SEMANTICALLY-IDENTIFIED DATA             | Patented Case   | 9,501,508                           |
| 3.         | ThoughtWire Holdings Corp. | METHOD AND SYSTEM FOR SHARING DATA BETWEEN SOFTWARE SYSTEMS                             | Patented Case   | 9,244,965                           |
| 4.         | ThoughtWire Holdings Corp. | METHOD AND SYSTEM FOR GENERATING A VIEW INCORPORATING SEMANTICALLY RESOLVED DATA VALUES | Final rejection mailed  | 14/165217                           |
| 5.         | ThoughtWire Holdings Corp. | METHOD AND SYSTEM FOR REGISTERING SOFTWARE SYSTEMS IN DATA-SHARING SESSIONS             | Response to Non-Final Office Action Entered and Forwarded to Examiner | 14/165261                           |
| 6.         | ThoughtWire Holdings Corp. | METHOD AND SYSTEM FOR MANAGING DATA-SHARING SESSIONS                                    | New Case – Ready for Examination                                      | 13/967643                           |

**EXHIBIT C**

**Trademarks**

| <b>Owner</b>               | <b>Trade-mark</b>  | <b>Serial/Registration No.</b> |
|----------------------------|--------------------|--------------------------------|
| ThoughtWire Holdings Corp. | THOUGHTWIRE        | 4212304                        |
| ThoughtWire Holdings Corp. | THOUGHTWIRE Design | 4244205                        |