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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5607426

|                              |  |
|------------------------------|--|
| <b>SUBMISSION TYPE:</b>      | CORRECTIVE ASSIGNMENT  |
| <b>NATURE OF CONVEYANCE:</b> | Corrective Assignment to correct the SCHEDULE OF PROPERTY UPDATED TO INCLUDE U.S. PROVISIONAL NO. 62/449,827 previously recorded on Reel 049661 Frame 0549. Assignor(s) hereby confirms the SECURITY INTEREST. |

**CONVEYING PARTY DATA**

| Name                | Execution Date |
|---------------------|----------------|
| TWEDDLE GROUP, INC. | 02/13/2019     |

**RECEIVING PARTY DATA**

|                          |  |
|--------------------------|--|
| <b>Name:</b>             | CORTLAND CAPITAL MARKET SERVICES LLC, AS AGENT |
| <b>Street Address:</b>   | 225 W. WASHINGTON STREET                       |
| <b>Internal Address:</b> | 9TH FLOOR                                      |
| <b>City:</b>             | CHICAGO  |
| <b>State/Country:</b>    | ILLINOIS                                       |
| <b>Postal Code:</b>      | 60606  |

**PROPERTY NUMBERS Total: 6**

| Property Type       | Number       |
|---------------------|--------------|
| Patent Number:      | 9367973      |
| Patent Number:      | 9679423      |
| PCT Number:         | US2014049260 |
| Application Number: | 14448674     |
| Application Number: | 62449827     |
| PCT Number:         | US1814731    |

**CORRESPONDENCE DATA**

**Fax Number:** (212)755-7306  
*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:** 212-326-3939  
**Email:** elabarge@jonesday.com, wtokmakidis@jonesday.com  
**Correspondent Name:** ELIZABETH LABARGE  
**Address Line 1:** 250 VESEY STREET  
**Address Line 2:** JONES DAY  
**Address Line 4:** NEW YORK, NEW YORK 10281-1047

|                                |                   |
|--------------------------------|-------------------|
| <b>ATTORNEY DOCKET NUMBER:</b> | 853934-615001     |
| <b>NAME OF SUBMITTER:</b>      | ELIZABETH LABARGE |

PATENT

|   |                     |
|---|---------------------|
| <b>SIGNATURE:</b>   | /Elizabeth LaBarge/ |
| <b>DATE SIGNED:</b>   | 07/08/2019          |
| <b>Total Attachments: 9</b><br>source=Tweddle_Patent_Security_Agreement_Executed_Corrective#page1.tif<br>source=Tweddle_Patent_Security_Agreement_Executed_Corrective#page2.tif<br>source=Tweddle_Patent_Security_Agreement_Executed_Corrective#page3.tif<br>source=Tweddle_Patent_Security_Agreement_Executed_Corrective#page4.tif<br>source=Tweddle_Patent_Security_Agreement_Executed_Corrective#page5.tif<br>source=Tweddle_Patent_Security_Agreement_Executed_Corrective#page6.tif<br>source=Tweddle_NOR_and_Patent_Assignment_Cover_Sheet#page1.tif<br>source=Tweddle_NOR_and_Patent_Assignment_Cover_Sheet#page2.tif<br>source=Tweddle_NOR_and_Patent_Assignment_Cover_Sheet#page3.tif |                     |

## PATENT SECURITY AGREEMENT

February 13, 2019

THIS PATENT SECURITY AGREEMENT, dated as of February 13, 2019 (the "2019 Patent Security Agreement"), is made by Tweddle Group, Inc., a Michigan corporation ("Grantor"), in favor of Cortland Capital Market Services LLC, in its capacity as administrative agent and as collateral agent for the Lenders (together with its successors in such capacities, the "Agent").

### WITNESSETH:

WHEREAS, pursuant to that certain Patent Security Agreement, dated as of October 24, 2016 (the "Existing Patent Security Agreement"), Grantor granted to Goldman Sachs Bank USA (the "Prior Agent"), for the ratable benefit of the Secured Parties, a security interest in the Patent Collateral (as defined below) listed on Part A of Schedule I hereto;

WHEREAS, the Grantor owns certain other Patent Collateral listed on Part B of Schedule I hereto;

WHEREAS, pursuant to that certain Assignment of Security Interest in Patent Collateral, dated as of October 18, 2018, the Prior Agent assigned all of its rights, powers and privileges as collateral agent under the Existing Patent Security Agreement to Agent;

WHEREAS, reference is made to that certain Amended and Restated Guaranty and Security Agreement dated as of September 17, 2018 (including all annexes, exhibits or schedules thereto, as further amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Collateral Agreement"); and

WHEREAS, pursuant to the Collateral Agreement, Grantor is required to execute and deliver to Agent, for the ratable benefit of the Secured Parties, this 2019 Patent Security Agreement.

NOW, THEREFORE, in consideration of the premises and mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor hereby agrees as follows:

1. DEFINED TERMS. All capitalized terms used but not otherwise defined herein have the meanings given to them in the Collateral Agreement.

2. GRANT OF SECURITY INTEREST IN PATENT COLLATERAL. Grantor hereby (i) reconfirms its grant to Agent as successor to the Prior Agent, for the ratable benefit of the Secured Parties, a continuing first priority security interest in all of Grantor's right, title and interest in, to and under the following Collateral owned by such Grantor and listed on Part A of Schedule I; and (ii) grants to Agent, for the ratable benefit of the Secured Parties, a continuing first priority security interest in all of Grantor's right, title and interest in, to and under the following Collateral owned by such Grantor, listed on Part B of Schedule I, for both (i) and (ii) whether presently existing or hereafter created or acquired (collectively, the "Patent Collateral");

(a) all of its Patents and all Patent licenses including, without limitation, those referred to on Schedule I hereto;

(b) all reissues, reexaminations, continuations, continuations-in-part, divisionals, renewals and extensions of the foregoing;

(c) all income, royalties, payments and proceeds of the foregoing now and hereafter due and payable; and

(d) the right to sue and recover damages and payments for past, present or future infringement of the foregoing.

3. COLLATERAL AGREEMENT. The security interests granted pursuant to this 2019 Patent Security Agreement are granted in conjunction with the security interests granted to Agent, for the benefit of the Secured Parties, pursuant to each of the Collateral Agreement and the Existing Patent Security Agreement. Grantor hereby acknowledges and affirms that the rights and remedies of Agent with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Collateral Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

4. COUNTERPARTS. This 2019 Patent Security Agreement may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Signature pages may be detached from multiple separate counterparts and attached to a single counterpart.

5. GOVERNING LAW. This 2019 Patent Security Agreement and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the law of the State of New York.

6. REFERENCE TO INTERCREDITOR. Reference is made to the Intercreditor Agreement, dated as of February 13, 2019, by and between the Term Loan Agent (as defined therein) and the ABL Agent (as defined therein) (the "Intercreditor Agreement"). Notwithstanding anything herein to the contrary, the lien and security interest granted to the Agent, for the benefit of the Secured Parties hereunder, pursuant to this 2019 Patent Security Agreement and the exercise of any right or remedy by the Agent and the other Secured Parties hereunder are subject to the provisions of the Intercreditor Agreement. In the event of any conflict or inconsistency between the provisions of the Intercreditor Agreement and this 2019 Patent Security Agreement, the provisions of the Intercreditor Agreement shall control.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

**TWEDDLE GROUP, INC.,**  
a Michigan corporation, as Grantor

By: 

Name: Archie R. Meyers, Jr.

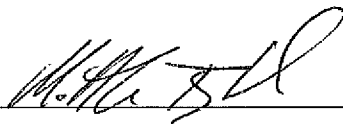
Title: Chief Financial Officer, Secretary and Treasurer

[Signature Page to Patent Security Agreement]

**PATENT**  
**REEL: 049693 FRAME: 0891**

ACCEPTED AND ACKNOWLEDGED  
as of the date first above written:

**CORTLAND CAPITAL MARKET  
SERVICES LLC,**  
as Agent

By:  \_\_\_\_\_

Matthew Trybula  
Associate Counsel

[Signature Page to Patent Security Agreement]

**PATENT**  
**REEL: 049693 FRAME: 0892**

**SCHEDULE I TO  
PATENT SECURITY AGREEMENT**

**Part A**  
**Patents**

| Title  | Country       | Filing Date | Application No. | Issue Date | Patent No. | Owner               |
|--|---------------|-------------|-----------------|------------|------------|---------------------|
| 1. SYSTEMS AND METHODS OF CREATING AND DELIVERING ITEM OF MANUFACTURE SPECIFIC INFORMATION TO REMOTE DEVICES | United States | 7/31/2014   | 14/448,683      | 6/14/2016  | 9,367,973  | Tweddle Group, Inc. |
| 2. SYSTEMS AND METHODS OF CREATING AND DELIVERING ITEM OF MANUFACTURE SPECIFIC INFORMATION TO REMOTE DEVICES | United States | 12/14/2015  | 14/968,529      | 6/16/2016  | 9,679,423  | Tweddle Group, Inc. |

**Patent Applications**

| Title  | Country                                  | Filing Date | Application No.   | Publication Date | Publication No.   | Owner               |
|--|--|-------------|-------------------|------------------|-------------------|---------------------|
| 1. SYSTEMS AND METHODS OF CREATING AND DELIVERING ITEM OF MANUFACTURE SPECIFIC INFORMATION TO REMOTE DEVICES | World Intellectual Property Organization | 7/31/2014   | PCT/US2014/049260 | 2/5/2015         | WO/2015/017711 A1 | Tweddle Group, Inc. |
| 2. SYSTEMS AND METHODS OF CREATING AND DELIVERING ITEM OF MANUFACTURE SPECIFIC INFORMATION TO REMOTE DEVICES | United States                            | 7/31/2014   | 14/448,674        | 2/26/2015        | 20150058251       | Tweddle Group, Inc. |

**Part B**  
**Patents**

| <b>Title</b>  | <b>Country</b>             | <b>Filing Date</b> | <b>Application No.</b> | <b>Issue Date</b> | <b>Patent No.</b> | <b>Owner</b>        |
|---|----------------------------|--------------------|------------------------|-------------------|-------------------|---------------------|
| SYSTEMS AND METHODS OF CREATING AND DELIVERING ITEM OF MANUFACTURE SPECIFIC INFORMATION TO REMOTE DEVICES | European Patent Convention | 7/31/2014          | 14831686.2             | 6/8/2016          | EP 3028104 A4     | Tweddle Group, Inc. |

**Patent Applications**

| <b>Title</b>                             | <b>Country</b>   | <b>Filing Date</b>                 | <b>Application No.</b>              | <b>Publication Date</b> | <b>Publication No.</b> | <b>Owner</b>        |
|--|--|------------------------------------|-------------------------------------|-------------------------|------------------------|---------------------|
| METHOD AND SYSTEM OF VEHICLE DIAGNOSTICS | United States/World Intellectual Property Organization | USPTO: 1/24/2017<br>PCT: 1/22/2018 | US 62/449,827<br>PCT/US2018/014 731 | PCT: 8/2/2018           | WO 2018/140631         | Tweddle Group, Inc. |





**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 4, 2019

PTAS

ELIZABETH LABARGE  
250 VESEY STREET  
JONES DAY  
NEW YORK, NY 10281-1047

**505556386**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 07/03/2019

REEL/FRAME: 049661/0549  
NUMBER OF PAGES: 8

BRIEF: SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 853934-615001

ASSIGNOR:

TWEDDLE GROUP, INC.

DOC DATE: 02/13/2019

ASSIGNEE:

CORTLAND CAPITAL MARKET SERVICES  
LLC, AS AGENT  
225 W. WASHINGTON STREET  
9TH FLOOR  
CHICAGO, ILLINOIS 60606

APPLICATION NUMBER: 14448674

FILING DATE: 07/31/2014

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEMS AND METHODS OF CREATING AND DELIVERING ITEM OF  
MANUFACTURE SPECIFIC INFORMATION TO REMOTE DEVICES

APPLICATION NUMBER: 14448683

FILING DATE: 07/31/2014

PATENT NUMBER: 9367973

ISSUE DATE: 06/14/2016

TITLE: SYSTEMS AND METHODS OF CREATING AND DELIVERING ITEM OF  
MANUFACTURE SPECIFIC INFORMATION TO REMOTE DEVICES

APPLICATION NUMBER: 14968529 FILING DATE: 12/14/2015  
PATENT NUMBER: 9679423 ISSUE DATE: 06/13/2017  
TITLE: SYSTEMS AND METHODS OF CREATING AND DELIVERING ITEM OF  
MANUFACTURE SPECIFIC INFORMATION TO REMOTE DEVICES

APPLICATION NUMBER: FILING DATE: 07/31/2014  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US2014049260  
TITLE: SYSTEMS AND METHODS OF CREATING AND DELIVERING ITEM OF  
MANUFACTURE SPECIFIC INFORMATION TO REMOTE DEVICES

APPLICATION NUMBER: FILING DATE: 01/22/2018  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US2018014731  
TITLE: METHOD AND SYSTEM OF VEHICLE DIAGNOSTICS

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5603183

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|---|---|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                                  |
| <b>NATURE OF CONVEYANCE:</b>  | SECURITY INTEREST                               |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>                           |
| TWEDDLE GROUP, INC.   | 02/13/2019                                      |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | CORTLAND CAPITAL MARKET SERVICES LLC, AS AGENT  |
| <b>Street Address:</b>  | 225 W. WASHINGTON STREET                        |
| <b>Internal Address:</b>  | 9TH FLOOR                                       |
| <b>City:</b>  | CHICAGO   |
| <b>State/Country:</b>   | ILLINOIS  |
| <b>Postal Code:</b>   | 60606   |
| <b>PROPERTY NUMBERS Total: 5</b>  |   |
| <b>Property Type</b>  | <b>Number</b>                                   |
| Patent Number:  | 9367973   |
| Patent Number:  | 9679423   |
| PCT Number:   | US2014049260                                    |
| Application Number:   | 14448674  |
| PCT Number:   | US2018014731                                    |
| <b>CORRESPONDENCE DATA</b>  |   |
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| <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>   | 212-326-3939                                    |
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| <b>Correspondent Name:</b>  | ELIZABETH LABARGE                               |
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| <b>Address Line 4:</b>  | NEW YORK, NEW YORK 10281-1047                   |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 853934-615001                                   |
| <b>NAME OF SUBMITTER:</b>   | ELIZABETH LABARGE                               |
| <b>SIGNATURE:</b>   | /Elizabeth LaBarge/                             |
| <b>DATE SIGNED:</b>   | 07/03/2019                                      |