

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

Assignment ID: PATI827169

|                                   |   |                       |
|-----------------------------------|---|-----------------------|
| <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> |
| Zuora, Inc.                       |   | 02/14/2025            |
| <b>RECEIVING PARTY DATA</b>       |   |                       |
| <b>Company Name:</b>              | Royal Bank of Canada, as collateral agent |                       |
| <b>Street Address:</b>            | 155 Wellington Street West                |                       |
| <b>Internal Address:</b>          | 8th Floor                                 |                       |
| <b>City:</b>                      | Toronto                                   |                       |
| <b>State/Country:</b>             | CANADA                                    |                       |
| <b>Postal Code:</b>               | M5V 3K7                                   |                       |
| <b>PROPERTY NUMBERS Total: 73</b> |   |                       |
| <b>Property Type</b>              | <b>Number</b>                             |                       |
| Patent Number:                    | 10044588                                  |                       |
| Patent Number:                    | 10284450                                  |                       |
| Patent Number:                    | 10680929                                  |                       |
| Patent Number:                    | 10277672                                  |                       |
| Patent Number:                    | 11102292                                  |                       |
| Patent Number:                    | 11575746                                  |                       |
| Patent Number:                    | 10311522                                  |                       |
| Patent Number:                    | 10896471                                  |                       |
| Patent Number:                    | 11574370                                  |                       |
| Patent Number:                    | 11961148                                  |                       |
| Patent Number:                    | 10467705                                  |                       |
| Patent Number:                    | 11276123                                  |                       |
| Patent Number:                    | 11599954                                  |                       |
| Patent Number:                    | 11887197                                  |                       |
| Patent Number:                    | 10250584                                  |                       |
| Patent Number:                    | 10708255                                  |                       |
| Patent Number:                    | 11405376                                  |                       |
| Patent Number:                    | 11888838                                  |                       |
| Patent Number:                    | 10148738                                  |                       |

PATENT



| Property Type       | Number   |
|---------------------|----------|
| Patent Number:      | 10506024 |
| Patent Number:      | 10152755 |
| Patent Number:      | 10891697 |
| Patent Number:      | 11887198 |
| Patent Number:      | 10956243 |
| Patent Number:      | 11544126 |
| Patent Number:      | 11886941 |
| Patent Number:      | 11301617 |
| Patent Number:      | 11741291 |
| Patent Number:      | 11169998 |
| Patent Number:      | 11593378 |
| Patent Number:      | 11841860 |
| Patent Number:      | 11538049 |
| Patent Number:      | 11880851 |
| Patent Number:      | 11288715 |
| Patent Number:      | 11409586 |
| Patent Number:      | 11734092 |
| Patent Number:      | 11615066 |
| Patent Number:      | 11573930 |
| Patent Number:      | 11347768 |
| Patent Number:      | 11669547 |
| Patent Number:      | 11595378 |
| Patent Number:      | 11863547 |
| Patent Number:      | 10949455 |
| Patent Number:      | 11941037 |
| Patent Number:      | 11100153 |
| Patent Number:      | 10607042 |
| Patent Number:      | 12050871 |
| Patent Number:      | 10592544 |
| Patent Number:      | 12001469 |
| Patent Number:      | 12182096 |
| Patent Number:      | 12216798 |
| Application Number: | 18425407 |
| Application Number: | 18893583 |
| Application Number: | 13687650 |
| Application Number: | 18425417 |
| Application Number: | 18419924 |
| Application Number: | 16431665 |



| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 17707763 |
| Application Number: | 18127461 |
| Application Number: | 18106904 |
| Application Number: | 19001272 |
| Application Number: | 17410876 |
| Application Number: | 19043451 |
| Application Number: | 17831322 |
| Application Number: | 17554717 |
| Application Number: | 18582435 |
| Application Number: | 18386106 |
| Application Number: | 18938643 |
| Application Number: | 18582416 |
| Application Number: | 18651546 |
| Application Number: | 18736378 |
| Application Number: | 18769214 |
| Application Number: | 18784655 |

#### CORRESPONDENCE DATA

##### Fax Number:

*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: 7146686200

Email: johnkline@paulhastings.com

Correspondent Name: John Kline

Address Line 1: 695 Town Center Drive

Address Line 2: Seventeenth Floor

Address Line 4: Costa Mesa, CALIFORNIA 92626

|                    |                    |
|--------------------|--------------------|
| NAME OF SUBMITTER: | Mitchell Garrett   |
| SIGNATURE:         | /Mitchell Garrett/ |
| DATE SIGNED:       | 02/14/2025         |

#### Total Attachments: 12

source=Zodiac - Patent Security Agreement [Executed](185124534.1)#page1.tiff  
source=Zodiac - Patent Security Agreement [Executed](185124534.1)#page2.tiff  
source=Zodiac - Patent Security Agreement [Executed](185124534.1)#page3.tiff  
source=Zodiac - Patent Security Agreement [Executed](185124534.1)#page4.tiff  
source=Zodiac - Patent Security Agreement [Executed](185124534.1)#page5.tiff  
source=Zodiac - Patent Security Agreement [Executed](185124534.1)#page6.tiff  
source=Zodiac - Patent Security Agreement [Executed](185124534.1)#page7.tiff  
source=Zodiac - Patent Security Agreement [Executed](185124534.1)#page8.tiff  
source=Zodiac - Patent Security Agreement [Executed](185124534.1)#page9.tiff  
source=Zodiac - Patent Security Agreement [Executed](185124534.1)#page10.tiff



source=Zodiac - Patent Security Agreement [Executed](185124534.1)#page11.tiff

source=Zodiac - Patent Security Agreement [Executed](185124534.1)#page12.tiff

**PATENT**

**REEL: 070236 FRAME: 0921**



PATENT SECURITY AGREEMENT dated as of February 14, 2025 (this “Agreement”), among ZUORA, INC. (the “Grantor”) and ROYAL BANK OF CANADA, as Collateral Agent (in such capacity and together with successors in such capacity, the “Collateral Agent”).

Reference is made to (a) the Credit Agreement dated as of February 14, 2025 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Credit Agreement”), among ZODIAC GUARANTOR, L.L.C., a Delaware limited liability company (“Holdings”), ZODIAC PURCHASER, L.L.C., a Delaware limited liability company (the “Borrower”), the Lenders party thereto, the Issuing Banks party thereto and ROYAL BANK OF CANADA, as Administrative Agent and Collateral Agent, and (b) the Collateral Agreement dated as of February 14, 2025 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Collateral Agreement”), among Holdings, the Borrower, the other grantors from time to time party thereto and the Collateral Agent. The Lenders and the Issuing Banks have agreed to extend credit to the Borrower subject to the terms and conditions set forth in the Credit Agreement. The Grantor is an Affiliate of the Borrower, will derive substantial benefits from the extension of credit to the Borrower pursuant to the Credit Agreement and is willing to execute and deliver this Agreement in order to induce the Lenders and the Issuing Banks to extend such credit. Accordingly, the parties hereto agree as follows:

SECTION 1. Terms. Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Collateral Agreement or the Credit Agreement, as applicable. The rules of construction specified in Section 1.01(b) of the Collateral Agreement also apply to this Agreement.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Secured Obligations, the Grantor hereby grants to the Collateral Agent and its successors and assigns, for the benefit of the Secured Parties, a security interest (the “Security Interest”) in all of the Grantor’s right, title and interest in, to and under the Patents, including the registrations and applications thereof listed on Schedule I (the “Patent Collateral”).

SECTION 3. Collateral Agreement. The Security Interest granted to the Collateral Agent herein is granted in furtherance, and not in limitation, of the security interests granted to the Collateral Agent pursuant to the Collateral Agreement. The Grantor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the Patent Collateral are more fully set forth in the Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Collateral Agreement, the terms of the Collateral Agreement shall govern.

SECTION 4. Counterparts. This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original but all of which when taken together shall constitute a single contract. Subject to the provisions of this Section 4, delivery of an executed signature page to this Agreement by facsimile or other electronic transmission shall be effective as delivery of a manually signed counterpart of this Agreement. Delivery of an executed counterpart of a signature page of (x) this Agreement and/or



(y) any document, amendment, approval, consent, information, notice (including, for the avoidance of doubt, any notice delivered pursuant to Section 5.01 of the Collateral Agreement), certificate, request, statement, disclosure or authorization related to this Supplement that is an Electronic Signature transmitted by telecopy, emailed pdf. or any other electronic means that reproduces an image of an actual executed signature page shall be effective as delivery of a manually executed counterpart of this Agreement. The words "execution," "signed," "signature," "delivery" and words of like import in or relating to this Agreement shall be deemed to include electronic signatures, deliveries, the electronic matching of assignment terms and contract formations on electronic platforms approved by the Administrative Agent, or the keeping of records in electronic form (including deliveries by telecopy, emailed pdf. or any other electronic means that reproduces an image of an actual executed signature page), each of which shall be of the same legal effect, validity or enforceability as a manually executed signature, physical delivery thereof or the use of a paper-based recordkeeping system, as the case may be; provided that notwithstanding anything contained herein to the contrary the Administrative Agent is under no obligation to agree to accept electronic signatures in any form or in any format unless expressly agreed to by the Administrative Agent pursuant to procedures approved by it.

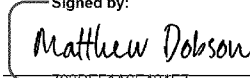
SECTION 5. GOVERNING LAW. THIS AGREEMENT SHALL BE CONSTRUED IN ACCORDANCE WITH AND GOVERNED BY THE LAW OF THE STATE OF NEW YORK.

[Remainder of this page intentionally left blank]



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

ZUORA, INC.

By:  Signed by:  
703DFF1A8E24E7...  
Name: Matthew Dobson  
Title: Chief Accounting Officer



Accepted and Agreed,

ROYAL BANK OF CANADA, as Collateral Agent

By: Sabrina Wang  
Name: Sabrina Wang  
Title: Deal Manger



## Schedule I

## United States Issued Patents

| <b>Patent</b>  | <b>Owner</b> | <b>Patent No.</b> | <b>Issue Date</b> |
|--|--------------|-------------------|-------------------|
| Systems and Methods for Live Testing Performance Conditions of a Multi-Tenant System   | Zuora Inc.   | 10,044,588        | 8/7/2018          |
| Systems and Methods for Live Testing Performance Conditions of a Multi-Tenant System   | Zuora Inc.   | 10,284,450        | 5/7/2019          |
| Systems And Methods For Live Testing Performance Conditions Of A Multi-Tenant System   | Zuora Inc.   | 10,680,929        | 6/9/2020          |
| System And Method For Real-Time Cloud Data Synchronization Using A Database Binary Log | Zuora Inc.   | 10,277,672        | 4/30/2019         |
| System And Method For Real-Time Cloud Data Synchronization Using A Database Binary Log | Zuora Inc.   | 11,102,292        | 8/24/2021         |
| System And Method For Real-Time Cloud Data Synchronization Using A Database Binary Log | Zuora Inc.   | 11,575,746        | 2/7/2023          |
| System And Method For Managing And Editing Accounting Periods                          | Zuora Inc.   | 10,311,522        | 6/4/2019          |
| System And Method For Managing And Editing Accounting Periods                          | Zuora Inc.   | 10,896,471        | 1/19/2021         |



| <b><u>Patent</u></b>   | <b><u>Owner</u></b> | <b><u>Patent No.</u></b> | <b><u>Issue Date</u></b> |
|--|---------------------|--------------------------|--------------------------|
| System And Method For Managing And Editing Accounting Periods  | Zuora Inc.          | 11,574,370               | 2/7/2023                 |
| System And Method For Managing And Editing Accounting Periods  | Zuora Inc.          | 11,961,148               | 4/16/2024                |
| System And Method For A Revenue Allocation Engine For Use With Subscription Economy                                  | Zuora Inc.          | 10,467,705               | 11/5/2019                |
| System And Method For A Revenue Allocation Engine For Use With Subscription Economy                                  | Zuora Inc.          | 11,276,123               | 3/15/2022                |
| System And Method For A Revenue Allocation Engine For Use With Subscription Economy                                  | Zuora Inc.          | 11,599,954               | 3/7/2023                 |
| System And Method For A Revenue Allocation Engine For Use With Subscription Economy                                  | Zuora Inc.          | 11,887,197               | 1/30/2014                |
| System And Method For Single Sign-On Technical Support Access To Tenant Accounts And Data In A Multi-Tenant Platform | Zuora Inc.          | 10,250,584               | 4/2/2019                 |
| System And Method For Single Sign-On Technical Support Access To Tenant Accounts And Data In A Multi-Tenant Platform | Zuora Inc.          | 10,708,255               | 7/7/2020                 |
| System And Method For Single Sign-On Technical Support Access To Tenant Accounts And Data In A Multi-Tenant Platform | Zuora Inc.          | 11,405,376               | 8/2/2022                 |



| <u>Patent</u>  | <u>Owner</u> | <u>Patent No.</u> | <u>Issue Date</u> |
|--|--------------|-------------------|-------------------|
| System And Method For Single Sign-On Technical Support Access To Tenant Accounts And Data In A Multi-Tenant Platform | Zuora Inc.   | 11,888,838        | 1/30/2024         |
| System And Method For Equitable Processing Of Asynchronous Messages In A Multi-Tenant Platform                       | Zuora Inc.   | 10,148,738        | 12/4/2018         |
| System and method for equitable processing of asynchronous messages in a multi-tenant platform                       | Zuora Inc.   | 10,506,024        | 12/10/2019        |
| System And Method For Recognizing Revenue And Managing Revenue Lifecycles  | Zuora Inc.   | 10,152,755        | 12/11/2018        |
| System And Method For Recognizing Revenue And Managing Revenue Lifecycles  | Zuora Inc.   | 10,891,697        | 1/12/2021         |
| System And Method For Recognizing Revenue And Managing Revenue Lifecycles  | Zuora Inc.   | 11,887,198        | 1/30/2024         |
| Systems And Methods For Providing Uniform Access In A Multi-Tenant System  | Zuora Inc.   | 10,956,243        | 3/23/2021         |
| Systems And Methods For Providing Uniform Access In A Multi-Tenant System  | Zuora Inc.   | 11,544,126        | 1/3/2023          |
| Systems And Methods For Providing Uniform Access In A Multi-Tenant System  | Zuora Inc.   | 11,886,941        | 1/30/2024         |



| <u>Patent</u>  | <u>Owner</u> | <u>Patent No.</u> | <u>Issue Date</u> |
|--|--------------|-------------------|-------------------|
| Systems And Methods For Providing Error Recovery In Data Transmissions   | Zuora Inc.   | 11,301,617        | 4/12/2022         |
| Systems And Methods For Providing Error Recovery In Data Transmissions   | Zuora Inc.   | 11,741,291        | 8/29/2023         |
| Multi-Tenant System For Providing Arbitrary Query Support  | Zuora Inc.   | 11,169,998        | 11/9/2021         |
| Multi-Tenant System For Providing Arbitrary Query Support  | Zuora Inc.   | 11,593,378        | 2/28/2023         |
| Multi-Tenant System For Providing Arbitrary Query Support  | Zuora Inc.   | 11,841,860        | 12/12/2023        |
| Systems And Methods For Predicting Churn In A Multi-Tenant System  | Zuora Inc.   | 11,538,049        | 12/27/2022        |
| Systems And Methods For Predicting Churn In A Multi-Tenant System  | Zuora Inc.   | 11,880,851        | 1/23/2024         |
| Multi-Tenant Extensible Billing System   | Zuora Inc.   | 11,288,715        | 3/29/2022         |
| Systems And Methods For Extending The Data Model Of A Monolithic Database Through A Microservice For A Multi-Tenant Platform | Zuora Inc.   | 11,409,586        | 8/9/2022          |



| <u>Patent</u>  | <u>Owner</u> | <u>Patent No.</u> | <u>Issue Date</u> |
|--|--------------|-------------------|-------------------|
| Systems And Methods For Extending The Data Model Of A Monolithic Database Through A Microservice For A Multi-Tenant Platform | Zuora Inc.   | 11,734,092        | 8/22/2023         |
| Systems And Methods For Providing Custom Objects For A Multi-Tenant Platform With Microservices Architecture                 | Zuora Inc.   | 11,615,066        | 3/28/2023         |
| Self-Healing Data Synchronization  | Zuora Inc.   | 11,573,930        | 2/7/2023          |
| Parallel Data Synchronization Of Hierarchical Data   | Zuora Inc.   | 11,347,768        | 5/31/2022         |
| Parallel Data Synchronization Of Hierarchical Data   | Zuora Inc.   | 11,669,547        | 6/6/2023          |
| Systems And Methods For Providing Authentication In A Microservice System  | Zuora Inc.   | 11,595,378        | 2/28/2023         |
| Systems And Methods For Providing Authentication In A Microservice System  | Zuora Inc.   | 11,863,547        | 1/2/2024          |
| Automated Process Collaboration Platform In Domains  | Zuora Inc.   | 10,949,455        | 3/16/2021         |
| Automated Process Collaboration Platform In Domains  | Zuora Inc.   | 11,941,037        | 3/26/2024         |



| <u>Patent</u>  | <u>Owner</u> | <u>Patent No.</u> | <u>Issue Date</u> |
|--|--------------|-------------------|-------------------|
| Dynamic Process Model Optimization In Domains  | Zuora Inc.   | 11,100,153        | 8/24/2021         |
| Dynamically Trained Models Of Named Entity Recognition Over Unstructured Data                          | Zuora Inc.   | 10,607,042        | 5/31/2020         |
| Dynamically Trained Models Of Named Entity Recognition Over Unstructured Data                          | Zuora Inc.   | 12,050,871        | 7/30/2024         |
| Generation Of Process Models In Domains With Unstructured Data   | Zuora Inc.   | 10,592,544        | 3/17/2020         |
| Generation Of Process Models In Domains With Unstructured Data   | Zuora Inc.   | 12,001,469        | 6/4/2024          |
| Systems And Methods For Providing Tenant-Defined Event Notifications In A Multi-Tenant Database System | Zuora Inc.   | 12,182,096        | 12/31/24          |
| Centralized Data Transformation In A Multi-Tenant Computing Environment                                | Zuora, Inc.  | 12,216,798        | 2/4/2025          |

United States Patent Applications

| <u>Patent</u>   | <u>Owner</u> | <u>Application No.</u> | <u>Application Date</u> |
|---|--------------|------------------------|-------------------------|
| System And Method for A Revenue Allocation Engine For Use With Subscription Economy | Zuora Inc.   | 18/425,407             | 1/29/2024               |



| <u>Patent</u>  | <u>Owner</u> | <u>Application No.</u> | <u>Application Date</u> |
|--|--------------|------------------------|-------------------------|
| Systems And Method For Real-Time Scalable Management Of Subscription-Based Resource Consumption Records In A Multi-Tenant System | Zuora Inc.   | 18/893,583             | 09/23/24                |
| Configurable Billing with Subscriptions Having Conditional Components  | Zuora Inc.   | 13/687,650             | 11/28/2012              |
| System and Method for Recognizing Revenue and Managing Revenue Lifecycles  | Zuora Inc.   | 18/425,417             | 1/29/2024               |
| Systems and Methods for Predicting Churn in a Multi-Tenant System  | Zuora Inc.   | 18/419,924             | 1/23/2024               |
| Systems And Methods For Providing Tiered Subscription Data Storage In A Multi-Tenant System                                      | Zuora Inc.   | 16/431,665             | 6/4/2019                |
| Multi-Tenant Extensible Billing System   | Zuora Inc.   | 17/707,763             | 3/29/2022               |
| Systems And Methods For Providing Custom Objects For A Multi-Tenant Platform With Microservices Architecture                     | Zuora Inc.   | 18/127,461             | 3/28/2023               |
| Self-Healing Data Synchronization  | Zuora Inc.   | 18/106,904             | 2/7/2023                |
| Systems And Methods For Tenant-Defined Event Notifications In A Multi-Tenant Database System                                     | Zuora Inc.   | 19/001,272             | 12/24/24                |
| Dynamic Process Model Optimization In Domains  | Zuora Inc.   | 17/410,876             | 8/24/2021               |
| Centralized Data Transformation In A Multi-Tenant Computing Environment  | Zuora Inc.   | 19/043,451             | 2/1/2025                |



| <u>Patent</u>   | <u>Owner</u> | <u>Application No.</u> | <u>Application Date</u> |
|---|--------------|------------------------|-------------------------|
| Subscription Metric Generation From Storage-Efficient Subscription Charge Segment Change Logs                         | Zuora Inc.   | 17/831,322             | 6/2/2022                |
| Event Optimization In A Multi-Tenant Computing Environment  | Zuora Inc.   | 17/554,717             | 12/17/2021              |
| Universal Payment Gateway Connector For A Multi-Tenant Computing Environment  | Zuora Inc.   | 18/582,435             | 2/20/2024               |
| Systems And Methods For Coordinating Processing Of Notifications From Different Sources And Implementing Of Workflows | Zuora Inc.   | 18/386,106             | 11/1/2023               |
| Systems And Methods For Intelligent Cubing Of Multi-Dimensional Data In A Multi-Tenant System                         | Zuora Inc.   | 18/938,643             | 11/06/24                |
| Systems And Methods For Generating And Synchronizing Materialized Views   | Zuora Inc.   | 18/582,416             | 2/20/2024               |
| Event Optimization In A Multi-Tenant Computing Environment  | Zuora Inc.   | 18/651,546             | 4/30/2024               |
| Techniques For Managing Data For A Client In A Computer Network   | Zuora Inc.   | 18/736,378             | 6/6/2024                |
| Systems And Methods For Staging Of Data Updates To Database System In A Multi-Tenant System                           | Zuora Inc.   | 18/769,214             | 7/10/2024               |
| Systems And Methods For Stratification Of Datasets To Resolve One Or More Conforming Values In A Multi-Tenant System  | Zuora Inc.   | 18/784,655             | 7/25/2024               |

PATENT

REEL: 070236 FRAME: 0933

RECORDED: 02/14/2025