

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7308148

<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>
K4CONNECT INC.		04/29/2022
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SILICON VALLEY BANK	
<b>Street Address:</b>	3003 TASMAN DRIVE	
<b>City:</b>	SANTA CLARA	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	95054	
<b>PROPERTY NUMBERS Total: 26</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	9848375	
Patent Number:	10506503	
Patent Number:	10893467	
Patent Number:	10210950	
Patent Number:	10374822	
Patent Number:	11227674	
Patent Number:	10049181	
Patent Number:	10200208	
Patent Number:	10826716	
Patent Number:	10523690	
Patent Number:	10971253	
Patent Number:	10630649	
Patent Number:	10637680	
Patent Number:	10561004	
Patent Number:	11075775	
Patent Number:	10686620	
Patent Number:	10892907	
Patent Number:	10708079	
Patent Number:	10536291	
Patent Number:	10805106	

PATENT

Property Type	Number
Patent Number:	10581630
Patent Number:	10964189
Patent Number:	11082248
Patent Number:	11262711
Patent Number:	11233670
Application Number:	16176282

#### CORRESPONDENCE DATA

**Fax Number:** (800)494-7512

***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:** 2024547625

**Email:** ipteam@cogencyglobal.com

**Correspondent Name:** JULIA BIRGEN

**Address Line 1:** 1025 CONNECTICUT AVE NW, SUITE 712

**Address Line 2:** COGENCY GLOBAL INC.

**Address Line 4:** WASHINGTON, D.C. 20036

<b>ATTORNEY DOCKET NUMBER:</b>	1660645
<b>NAME OF SUBMITTER:</b>	DIANE GIACOMOZZI
<b>SIGNATURE:</b>	/Diane Giacomozzi/
<b>DATE SIGNED:</b>	05/02/2022

#### Total Attachments: 13

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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this “Agreement”) is entered into as of April 29, 2022 by and between **SILICON VALLEY BANK**, a California corporation (“Bank”) and **K4CONNECT INC.**, a Delaware corporation (“Grantor”).

### RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the “Loans”) in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated as April 21, 2017, as amended by that certain First Amendment to Loan and Security Agreement by and between Bank and Grantor dated as of June 27, 2018, as further amended by that certain Second Amendment to Loan and Security Agreement by and between Bank and Grantor dated as of March 14, 2019, as further amended by that certain Third Amendment to Loan and Security Agreement by and between Bank and Grantor dated as of June 22, 2020, and as further amended by that certain Fourth Amendment to Loan and Security Agreement by and between Bank and Grantor dated as of the date hereof (as the same may be further amended, modified or supplemented from time to time, the “Loan Agreement”; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in its Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor to Bank.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor’s right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

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 when due of Grantor’s obligations to Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

### AGREEMENT

1. Grant of Security Interest. To secure Grantor’s obligations to Bank, 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 (all of which shall collectively be called the “Intellectual Property Collateral”), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret,

now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the "Copyrights");

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");

(e) Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the "Mask Works");

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Bank.

3. Authorization. Grantor hereby authorizes Bank to (a) modify this Agreement unilaterally by amending the exhibits to this Agreement to include any Intellectual Property Collateral which Grantor obtains subsequent to the date of this Agreement, and (b) file a duplicate original of this Agreement containing amended exhibits reflecting such new Intellectual Property Collateral.

4. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of Bank with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

5. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Agreement.

6. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

7. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the State of California, without giving effect to any choice or conflict of law provision or rule (whether of the State of California or any other jurisdiction).

[Signature page follows.]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

**K4CONNECT INC.**

DocuSigned by:  
By: *F. Scott Moody*  
Name: F. Scott Moody  
Title: Chief Executive Officer

BANK:

**SILICON VALLEY BANK**

DocuSigned by:  
By: *Frank O'Brien*  
Name: Frank O'Brien  
Title: Director

EXHIBIT A

Copyrights

<u>Description</u>	Registration/ Application <u>Number</u>	Registration/ Application <u>Date</u>
None.		

EXHIBIT B

Patents

See Attached

NY-2366854

**PATENT**  
**REEL: 059778 FRAME: 0576**



File Number	Title	Serial No.	Patent No.	Issue Date
<b>US Patents</b>				
60410	HOME AUTOMATION SYSTEM INCLUDING DEVICE SIGNATURE PAIRING AND RELATED METHODS Inventors: Jonathan Gould, Daniel Floyd	15/196,337	9848375	12/19/2017
60410_CON1	HOME AUTOMATION SYSTEM INCLUDING DEVICE SIGNATURE PAIRING AND RELATED METHODS Inventors: Jonathan Gould, Daniel Floyd	15/814,530	10506503	12/10/2019
60410CON1_C IP1	HOME AUTOMATION SYSTEM INCLUDING SELECTIVE  OPERATION OF PAIRED DEVICE BASED UPON VOICE  COMMANDS AND RELATED METHODS Inventors: Jonathan Gould, Daniel Floyd, Scott Moody, Kuldip Pabla	16/400,656	10893467	1/12/2021
60413	HOME AUTOMATION (HA) SYSTEM INCLUDING  FAILED SANDBOXED BRIDGE RELOADING AND  RELATED METHODS Inventors: Jonathan Gould, Daniel Floyd	15/196,365	10210950	2/19/2019
60414	HOME AUTOMATION (HA) SYSTEM INCLUDING  DESIRED SCENE IMPLEMENTATION BASED UPON  USER-SELECTABLE LIST OF ADDRESSABLE HA DEVICES AND RELATED METHODS Inventor: Jonathan Gould	15/196,544	10374822	8/6/2019
61066	HOME AUTOMATION SYSTEM GENERATING USER HEALTH SCORE AND RELATED METHODS Inventors: Jonathan Gould	15/196,803	11227674	1/18/2022
61067	HOME AUTOMATION SYSTEM INCLUDING HUB  COUPLED WIRELESS RADIO CONTROLLERS AND  RELATED METHODS Inventors: Jonathan Gould, Daniel Floyd	15/196,900	10049181	8/14/2018
61068	HOME AUTOMATION SYSTEM INCLUDING CLOUD  AND HOME MESSAGE QUEUE SYNCHRONIZATION  AND RELATED METHODS Inventors: Jonathan Gould, Mark Adams	15/196,654	10200208	2/5/2019
61068_CON1	HOME AUTOMATION SYSTEM INCLUDING CLOUD	16/253,818	10826716	11/3/2020

	AND HOME MESSAGE QUEUE SYNCHRONIZATION			
	AND RELATED METHODS Inventors: Jonathan Gould, Mark Adams			
61086	HOME AUTOMATION SYSTEM INCLUDING SECURITY	15/196,720	10523690	12/31/2019
	CONTROLLER FOR TERMINATING COMMUNICATION			
	WITH ABNORMALLY OPERATING ADDRESSABLE			
	DEVICES AND RELATED METHODS Inventors: Jonathan Gould, Daniel Floyd			
61087	CLIMATE CONTROL SYSTEM INCLUDING INDOOR	15/196,990	10971253	4/6/2021
	AND SETPOINT TEMPERATURE DIFFERENCE AND			
	EXTERIOR TEMPERATURE BASED HVAC MODE			
	SWITCHING AND RELATED METHODS Inventor: Jonathan Gould			
61088	HOME AUTOMATION SYSTEM INCLUDING	15/628,328	10630649	4/21/2020
	ENCRYPTED DEVICE CONNECTION BASED UPON			
	PUBLICLY ACCESSIBLE CONNECTION FILE AND			
	RELATED METHODS Inventors: Jonathan Gould, Mark Adams			
61116	HOME AUTOMATION SYSTEM INCLUDING	15/832,893	10637680	4/28/2020
	SHAREABLE CAPACITY DETERMINING HUB DEVICES			
	AND RELATED METHODS Inventors: Jonathan Gould, Mark Adams			
61117	HOME AUTOMATION SYSTEM INCLUDING LIGHT	16/176,224	10561004	2/11/2020
	DIMMER OPERATION BASED UPON A SEQUENCE OF			
	PARTIAL DIMMING COMMANDS AND RELATED			
	METHODS Inventors: Jonathan Gould, Michael Althoff			
61118	HOME AUTOMATION SYSTEM INCLUDING CLOUD	16/176,261	11075775	8/27/2020
	SERVER BASED MAINTENANCE OPERATION			
	COMMUNICATION AND RELATED METHODS Inventors: Jonathan Gould, Mark Adams			

61119	HOME AUTOMATION SYSTEM INCLUDING DESIGNATED USER INTERFACE DEVICE TO PUSH  DOWNLOADED MEDIA CONTENT AND RELATED METHODS Inventors: Jonathan Gould, Richard Clancy	15/834,887	10686620	6/16/2020
61120	HOME AUTOMATION SYSTEM INCLUDING  OPERATION BASED CONTEXTUAL INFORMATION  COMMUNICATIONS AND RELATED METHODS Inventor: Jonathan Gould	16/176,282		
61121	HOME AUTOMATION SYSTEM INCLUDING USER  INTERFACE OPERATION ACCORDING TO USER  COGNITIVE LEVEL AND RELATED METHODS Inventors: Jonathan Gould, Richard Clancy, Shannon Smith	16/176,315	10892907	1/12/2021
61122	HOME AUTOMATION SYSTEM INCLUDING  DESIGNATED HUB DEVICE TO PUSH DOWNLOADED  MEDIA CONTENT AND RELATED METHODS Inventors: Jonathan Gould, Richard Clancy	15/834,944	10708079	7/7/2020
61146	HOME AUTOMATION SYSTEM INCLUDING HUB  DEVICE DETERMINED TIME SLOT WIRELESS  COMMUNICATIONS AND RELATED METHODS Inventors: Jonathan Gould, Chris Tunstall	15/990,207	10536291	1/14/2020
61147	HOME AUTOMATION SYSTEM INCLUDING SLEEP TO  AWAKE MODE DEVICE SWITCHING AND RELATED  METHODS Inventors: Scott Moody, Jonathan Gould	16/000,206	10805106	10/13/2020
61148	HOME AUTOMATION SYSTEM INCLUDING  AUTONOMOUS HUB DETERMINATION OF WIRELESS  COMMUNICATIONS LINK FAILURE AND RELATED METHODS Inventors: Scott Moody, Jonathan Gould	16/000,245	10581630	3/3/2020
61165	HOME AUTOMATION SYSTEM DETERMINING  DEVIATED OPERATION DEVICE PATTERN AND  RELATED METHODS Inventor: Kuldip PABLA, Diana Gore, Anthony SIST	16/354,762	10964189	3/30/2021

61166	HOME AUTOMATION SYSTEM INCLUDING CHANGED  CURRENT USAGE NOTIFICATION AND RELATED  METHODS Inventors: Kuldip PABLA; Diana Gore; Anthony SIST	16/354,857	11082248	8/3/2021
61181	HOME AUTOMATION (HA) SYSTEM INCLUDING  VIRTUAL ASSISTANT AUDIBLE NOTIFICATION BASED  UPON LEARNED DEVICE OPERATIONAL PATTERN  AND RELATED METHODS Inventor: Kuldip Pabla	16/719,478	11262711	3/1/2022
61183	HOME AUTOMATION SYSTEM INCLUDING DEVICE IP  ADDRESS ACQUISITION FOR COMMUNICATION ON A  DEVICE-DISCOVERY BLOCKED NETWORK  Inventor: Jonathan Gould, Jonathan Skubic	16/881,724	11233670	1/25/2022
<b>International Patents</b>				
60410_CN	HOME AUTOMATION SYSTEM INCLUDING DEVICE  SIGNATURE PAIRING AND RELATED METHODS  Inventors: Jonathan Gould, Daniel Floyd	201680046300	4527903	6/7/2021
60410_EP	HOME AUTOMATION SYSTEM INCLUDING DEVICE SIGNATURE PAIRING AND RELATED METHODS Inventors: Jonathan Gould, Daniel Floyd	16744592.3	EP3314820	2/24/2021
60410_JP	HOME AUTOMATION SYSTEM INCLUDING DEVICE SIGNATURE PAIRING AND RELATED METHODS Inventors: Jonathan Gould, Daniel Floyd	2017-568451	6650475	2/4/2020
60414_JP	HOME AUTOMATION (HA) SYSTEM INCLUDING  DESIRED SCENE IMPLEMENTATION BASED UPON  USER-SELECTABLE LIST OF ADDRESSABLE HA DEVICES AND RELATED METHODS  Inventor: Jonathan Gould	2017-568440	6655635	2/18/2020
61068_CN	HOME AUTOMATION SYSTEM INCLUDING CLOUD  AND HOME MESSAGE QUEUE SYNCHRONIZATION  AND RELATED METHODS	201680046371	CN10814139 5B	4/16/2021

Inventors: Jonathan Gould, Mark Adams				
61086_CN	HOME AUTOMATION SYSTEM INCLUDING SECURITY	201680046371	CN10814139	10/23/2020
	CONTROLLER FOR TERMINATING COMMUNICATION		4B	
	WITH ABNORMALLY OPERATING ADDRESSABLE			
	DEVICES AND RELATED METHODS			
Inventors: Jonathan Gould, Daniel Floyd				
61086_JP	HOME AUTOMATION SYSTEM INCLUDING SECURITY	2017-568458	6487072	3/1/2019
	CONTROLLER FOR TERMINATING COMMUNICATION			
	WITH ABNORMALLY OPERATING ADDRESSABLE			
	DEVICES AND RELATED METHODS			
Inventors: Jonathan Gould, Daniel Floyd				

EXHIBIT C

Trademarks

<u>Description</u>	Registration/ Application <u>Number</u>	Registration/ Application <u>Date</u>
None.		

EXHIBIT D

Mask Works

Description

Registration/  
Application  
Number

Registration/  
Application  
Date

None.

NY-2366854

**RECORDED: 05/02/2022**

**PATENT**  
**REEL: 059778 FRAME: 0583**