

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5965340

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	SUPPL. NO. 3 TO SECURITY AGREEMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
VIVINT, INC.		02/14/2020
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	BANK OF AMERICA, N.A.	
<b>Street Address:</b>	101 N. TRYON STREET	
<b>Internal Address:</b>	MAIL CODE: NC1-001-05-45	
<b>City:</b>	CHARLOTTE	
<b>State/Country:</b>	NORTH CAROLINA	
<b>Postal Code:</b>	28255-0001	
<b>PROPERTY NUMBERS Total: 26</b>		
<b>Property Type</b>	<b>Number</b>	
Application Number:	16101636	
Application Number:	15490646	
Application Number:	16101654	
Application Number:	16101501	
Application Number:	16049445	
Application Number:	16042242	
Application Number:	15986319	
Application Number:	16140361	
Application Number:	16051131	
Application Number:	16036802	
Application Number:	16272821	
Application Number:	16391051	
Application Number:	16193523	
Application Number:	16027265	
Application Number:	16101479	
Application Number:	16138777	
Application Number:	16200297	
Application Number:	16268263	
Application Number:	16297472	

PATENT

Property Type	Number
Application Number:	16362503
Application Number:	16370113
Application Number:	16378330
Application Number:	16391089
Application Number:	16397210
Application Number:	16505312
Application Number:	16506058

#### CORRESPONDENCE DATA

**Fax Number:** (800)914-4240

*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:** 800-713-0755

**Email:** Michael.Violet@wolterskluwer.com, ECarrera@cahill.com

**Correspondent Name:** CT CORPORATION

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**Address Line 2:** SUITE 125

**Address Line 4:** COLUMBUS, OHIO 43219

**NAME OF SUBMITTER:** ELAINE CARRERA

**SIGNATURE:** /Elaine Carrera/

**DATE SIGNED:** 02/14/2020

#### Total Attachments: 6

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**SUPPLEMENT NO. 3 TO PATENT SECURITY AGREEMENT**

**Supplement No. 3 to Patent Security Agreement**, dated as of February 14, 2020, by Vivint, Inc. (the “**Grantor**”), in favor of BANK OF AMERICA, N.A., in its capacity as administrative agent pursuant to the Credit Agreement (in such capacity, the “**Administrative Agent**”) to that certain Patent Security Agreement, dated as of November 16, 2012, by Grantor, in favor of the Administrative Agent.

WITNESSETH:

WHEREAS, the Grantor is a party to that certain Security Agreement, dated as of November 16, 2012 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “**Security Agreement**”), in favor of the Administrative Agent, pursuant to which the Grantors are required to execute and deliver this Patent Security Agreement Supplement;

NOW, THEREFORE, in consideration of the premises and to induce the Administrative Agent, for the benefit of the Secured Parties, to enter into the Credit Agreement, the Grantor hereby agrees with the Administrative Agent as follows:

SECTION 1. Defined Terms. Unless otherwise defined herein, terms defined in the Security Agreement and used herein have the meaning given to them in the Security Agreement.

SECTION 2. Grant of Security Interest in Patent Collateral. The Grantor hereby pledges and grants to the Administrative Agent for the benefit of the Secured Parties a lien on and security interest in and to all of its right, title and interest in, to and under all the following Collateral (excluding any Excluded Assets) of such Grantor:

(a) Patents of such Grantor listed on Schedule I attached hereto.

SECTION 3. The Security Agreement. The security interest granted pursuant to this Patent Security Agreement Supplement is granted in conjunction with the security interest granted to the Administrative Agent pursuant to the Security Agreement and the Grantor hereby acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the security interest in the Patents made and granted hereby are more fully set forth in the Security Agreement. In the event that any provision of this Patent Security Agreement Supplement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control unless the Administrative Agent shall otherwise determine.

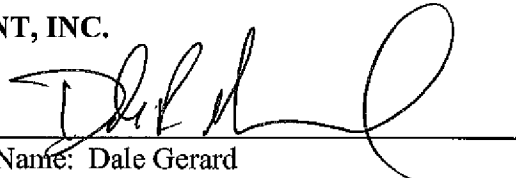
SECTION 4. Termination. Upon the termination of the Security Agreement in accordance with Section 6.13 thereof, the Administrative Agent shall, at the expense of such Grantor, execute, acknowledge, and deliver to the Grantor an instrument in writing in recordable form releasing the lien on and security interest in the Patents under this Patent Security Agreement Supplement.

SECTION 5. Counterparts. This Patent Security Agreement Supplement may be executed in any number of counterparts, all of which shall constitute one and the same instrument, and any party hereto may execute this Patent Security Agreement Supplement by signing and delivering one or more counterparts.

[Signature pages follow.]

VIVINT, INC.

By:

A handwritten signature in black ink, appearing to read 'Dale Gerard', is written over a horizontal line.

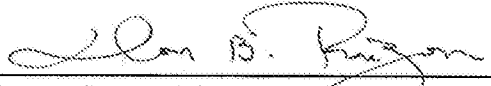
Name: Dale Gerard

Title: Senior Vice President of Finance &  
Treasurer

*[Signature Page to Patent Security Agreement Supplement]*

**PATENT**  
**REEL: 051935 FRAME: 0276**

BANK OF AMERICA, N.A.,  
as Administrative Agent

By:   
Name: Don B. Pinzon  
Title: Vice President

**Schedule I**  
**to**  
**SUPPLEMENT NO. 3 TO PATENT SECURITY AGREEMENT**

<b>Patent Title</b>	<b>Country</b>	<b>Appl. No. Filing Date</b>	<b>Patent No. Issue Date</b>	<b>Status</b>
Security system providing a localized humanly-perceivable alert for identifying a facility to emergency personnel	US	16101636 08/13/2018	1025573 04/09/2019	Issued
Event detection by microphone	US	15490646 04/18/2017	10257629 04/09/2019	Issued
Entity Detection	US	16101654 08/13/2018	10325159 06/18/2019	Issued
Voice Control Component Installation	US	16101501 08/12/2018	10455271 10/22/2019	Issued
Smart Wake	US	16049445 07/30/2018	10467875 11/05/2019	Issued
Smart Vacation	US	16042242 07/23/2018	10469280 11/05/2019	Issued
Occupancy Detection by Social Media	US	15986319 05/22/2018	10482751 11/19/2019	Issued
Methods for prompting a user to use enhanced automation system features, and systems and devices related thereto	US	16140361 09/24/2018	10504042 12/10/2019	Issued
Home automation communication system	US	16051131 07/31/2018	10504346 12/10/2019	Issued
Smart pill box and medical compliance monitoring	US	16036802 07/16/2018	10507167 12/17/2019	Issued
Smart lighting system	US	16272821 02/11/2019	10524331 12/31/2019	Issued
Automated script	US	16391051 04/22/2019	10528720 01/07/2020	Issued
Vehicle integration with security and/or automation systems	US	16193523 11/16/2018	10529226 01/07/2020	Issued
Mobile device based authentication	US	16027265 07/04/2018	N/A	Pending
Using a control panel as a wireless access point	US	16101479 08/12/2018	N/A	Pending
Systems and methods for centrally-assisted distributed hash table	US	16138777 09/21/2018	N/A	Pending
Techniques to extend a doorbell chime	US	16200297 11/26/2018	N/A	Pending
Managing home automation system based on behavior and user input	US	16268263 02/05/2019	N/A	Pending
Automatic system access using facial recognition	US	16297472 03/08/2019	N/A	Pending
Secure key fob	US	16362503 03/22/2019	N/A	Pending
Induction-powered camera	US	16370113 03/29/2019	N/A	Pending
Event detection by microphone	US	16378330 04/08/2019	N/A	Pending
Home automation system-initiated calls	US	16391089	N/A	Pending

Patent Title	Country	Appl. No. Filing Date	Patent No. Issue Date	Status
		04/22/2019		
Managing barrier and occupancy based home automation system	US	16397210 04/29/2019	N/A	Pending
White or off-white hidden display apparatus, system, and method	US	16505312 07/08/2019	N/A	Pending
Hinge sensor for barrier	US	16506058 07/09/2019	N/A	Pending