

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4342936

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
VIVINT, INC.		03/28/2017
RECEIVING PARTY DATA		
Name:	WILMINGTON TRUST, NATIONAL ASSOCIATION, AS COLLATERAL AGENT	
Street Address:	1100 NORTH MARKET ST	
City:	WILMINGTON	
State/Country:	DELAWARE	
Postal Code:	19890	
PROPERTY NUMBERS Total: 49		
Property Type	Number	
Patent Number:	9558642	
Patent Number:	9491764	
Patent Number:	9530302	
Patent Number:	9537862	
Patent Number:	9538331	
Patent Number:	D764957	
Application Number:	14552266	
Application Number:	14552450	
Application Number:	14575830	
Application Number:	14586430	
Application Number:	14586642	
Application Number:	14596047	
Application Number:	14617750	
Application Number:	14626774	
Application Number:	14629134	
Application Number:	14629174	
Application Number:	14629207	
Application Number:	14636491	
Application Number:	14677777	
Application Number:	14680747	

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Property Type	Number
Application Number:	14680770
Application Number:	14680793
Application Number:	14680847
Application Number:	14681363
Application Number:	14735823
Application Number:	14735961
Application Number:	14736930
Application Number:	14748991
Application Number:	14749246
Application Number:	14818874
Application Number:	14818954
Application Number:	14843325
Application Number:	14977061
Application Number:	15001998
Application Number:	15070877
Application Number:	15093189
Application Number:	15133518
Application Number:	15136695
Application Number:	15162324
Application Number:	15173710
Application Number:	15178926
Application Number:	15216694
Application Number:	15227755
Application Number:	15253595
Application Number:	15268607
Application Number:	15276565
Application Number:	15371034
Application Number:	15237637
Application Number:	15202415

CORRESPONDENCE DATA

Fax Number: (650)251-5002

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ATTORNEY DOCKET NUMBER:	001366/0047
NAME OF SUBMITTER:	J. JASON MULL
SIGNATURE:	/J. Jason Mull/
DATE SIGNED:	03/29/2017
Total Attachments: 4 source=Vivint - March 2017 Patent Security Agreement - Wilmington - EXECUTED#page1.tif source=Vivint - March 2017 Patent Security Agreement - Wilmington - EXECUTED#page2.tif source=Vivint - March 2017 Patent Security Agreement - Wilmington - EXECUTED#page3.tif source=Vivint - March 2017 Patent Security Agreement - Wilmington - EXECUTED#page4.tif	

PATENT SECURITY AGREEMENT

Patent Security Agreement, dated as of March 28, 2017, by VIVINT, INC. (the “**Grantor**”), in favor of WILMINGTON TRUST, NATIONAL ASSOCIATION, in its capacity as Collateral agent pursuant to the Credit Agreement (in such capacity, the “**Collateral Agent**”).

W I T N E S S E T H:

WHEREAS, the Grantor is party to a 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 Collateral Agent pursuant to which the Grantor is required to execute and deliver this Patent Security Agreement;

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

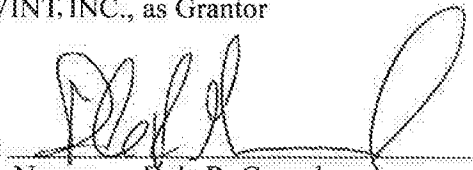
SECTION 2. Grant of Security Interest in Patent Collateral. The Grantor hereby pledges and grants to the Collateral Agent for the benefit of the Secured Parties a lien on and security interest in and to all of its right, title and interest in, to and under all the following Collateral (excluding any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

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

SECTION 3. The Security Agreement. The security interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interest granted to the Collateral Agent pursuant to the Security Agreement and the Grantor hereby acknowledges and affirms that the rights and remedies of the Collateral 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 is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control.

[Signature page follows]

VIVINT, INC., as Grantor

By: 
Name: Dale R. Gerard
Title: Senior Vice President of Finance and
Treasurer

[Signature Page to the Patent Security Agreement]

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PATENT
REEL: 042110 FRAME: 0898

Schedule I

UNITED STATES PATENTS

Title	App. No./Reg. No.	Owner
Sleep State Monitoring	9558642	Vivint, Inc.
Mesh Network Adjustment	9491764	Vivint, Inc.
Keypad Projection	9530302	Vivint, Inc.
Relayed Network Access Control Systems and Methods	9537862	Vivint, Inc.
Narrow Beam Mesh Network	9538331	Vivint, Inc.
Mobile Personal Device	D764957	Vivint, Inc.
Quad polarized sector and dimensional antenna for high throughput	14552266	Vivint, Inc.
Signal Cloning	14552450	Vivint, Inc.
Doorbell Camera Package Detection	14575830	Vivint, Inc.
Floating Thermostat Plate	14586430	Vivint, Inc.
Smart Water Heater	14586642	Vivint, Inc.
Doorbell Camera Early Detection	14596047	Vivint, Inc.
System And Methods For Correlating Sleep Data To Security And/Or Automation System Operations	14617750	Vivint, Inc.
Methods and Systems for Automatically Monitoring User Activity	14626774	Vivint, Inc.
Smart Doorman	14629134	Vivint, Inc.
Personalized Communications	14629174	Vivint, Inc.
Techniques for Identifying and Indexing Distinguishing Features in a Video Feed	14629207	Vivint, Inc.
Signal Proxying and Modification Panel	14636491	Vivint, Inc.
Smart Vacation	14677777	Vivint, Inc.
Smart Bedtime	14680747	Vivint, Inc.
Smart Wake	14680770	Vivint, Inc.
Induction-Powered Camera	14680793	Vivint, Inc.
Smart Surveillance Systems	14680847	Vivint, Inc.
Home Automation Communication System	14681363	Vivint, Inc.
Vehicle Integration with Security and/or Automation Systems	14735823	Vivint, Inc.
Powered Faceplate Integration	14735961	Vivint, Inc.
Quantifying Quality Time	14736930	Vivint, Inc.
Smart Stay Day	14748991	Vivint, Inc.
Smart Detection	14749246	Vivint, Inc.
System and Methods for Home Automation System Calendar Coordination	14818874	Vivint, Inc.
Systems and Methods for Smart Data Storage	14818954	Vivint, Inc.
Home Automation Communication System	14843325	Vivint, Inc.
Smart Door Lock Systems	14977061	Vivint, Inc.
Digital Zoom Conferencing	15001998	Vivint, Inc.
Managing Audio Output Through an Intermediary	15070877	Vivint, Inc.
Identification-Based Barrier Techniques	15093189	Vivint, Inc.

Security System Providing A Localized Humanly-Perceivable Alert For Identifying A Facility To Emergency Personnel	15133518	Vivint, Inc.
Dynamic Adjustment of Quality of Service Parameters	15136695	Vivint, Inc.
Monitoring Vehicle Usage	15162324	Vivint, Inc.
Detecting Destruction of an Automation System Component	15173710	Vivint, Inc.
Techniques for Product Ordering Using a Home Automation System	15178926	Vivint, Inc.
Geo-location Services	15216694	Vivint, Inc.
Security System Tracking of Remote Items Using Reduced Power	15227755	Vivint, Inc.
Managing Telephone Communications	15253595	Vivint, Inc.
Interface of an automation systems	15268607	Vivint, Inc.
Verifying occupancy of a building	15276565	Vivint, Inc.
Magnetic hinge sensor for barrier	15371034	Vivint, Inc.
Communications based on geo location information	15237637	Vivint, Inc.
System component installation	15202415	Vivint, Inc.