

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7259338

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
BRK BRANDS, INC.	04/01/2022
ADEMCO INC.	04/01/2022

**RECEIVING PARTY DATA**

<b>Name:</b>	JPMORGAN CHASE BANK, N.A., AS ADMINISTRATIVE AGENT
<b>Street Address:</b>	CIB DMO WLO, MAIL CODE NY1-C413, 4 CMC
<b>City:</b>	BROOKLYN
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	11245

**PROPERTY NUMBERS Total: 86**

Property Type	Number
Patent Number:	D699140
Patent Number:	D742771
Patent Number:	D808389
Patent Number:	D841028
Patent Number:	6762688
Patent Number:	6819257
Patent Number:	6970077
Patent Number:	7417540
Patent Number:	8066859
Patent Number:	7350470
Patent Number:	9151729
Patent Number:	10397800
Patent Number:	11025633
Patent Number:	10248146
Patent Number:	10809754
Patent Number:	10970950
Patent Number:	11024151
Patent Number:	11074797
Patent Number:	11112139

PATENT

<b>Property Type</b>	<b>Number</b>
Patent Number:	11118800
Patent Number:	11162699
Patent Number:	11221157
Patent Number:	D918983
Patent Number:	D922232
Patent Number:	D938401
Patent Number:	D939972
Patent Number:	D939973
Patent Number:	11251522
Patent Number:	D910149
Patent Number:	D939974
Application Number:	16993140
Application Number:	16993162
Application Number:	16987286
Application Number:	16993173
Application Number:	16544285
Application Number:	16942709
Application Number:	17002609
Application Number:	16593871
Application Number:	16599030
Application Number:	17129569
Application Number:	17146710
Application Number:	16677341
Application Number:	16562131
Application Number:	17162854
Application Number:	16694797
Application Number:	17170394
Application Number:	16553489
Application Number:	17001388
Application Number:	16993926
Application Number:	17001433
Application Number:	17178105
Application Number:	17164574
Application Number:	17182381
Application Number:	16719428
Application Number:	16719363
Application Number:	16719721
Application Number:	17204574

Property Type	Number
Application Number:	16850719
Application Number:	17143469
Application Number:	16751149
Application Number:	17234146
Application Number:	16785047
Application Number:	16793878
Application Number:	17029578
Application Number:	16966681
Application Number:	16824393
Application Number:	16833500
Application Number:	16831476
Application Number:	16842585
Application Number:	17348726
Application Number:	16860244
Application Number:	16859214
Application Number:	16860157
Application Number:	17371922
Application Number:	16865612
Application Number:	16868433
Application Number:	16869448
Application Number:	17385500
Application Number:	16881913
Application Number:	17408139
Application Number:	16935107
Application Number:	16541638
Application Number:	17465447
Application Number:	17465573
Application Number:	16917632
Application Number:	17491381

**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

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**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>NAME OF SUBMITTER:</b>	THERESA VOLANO
<b>SIGNATURE:</b>	/Theresa Volano/
<b>DATE SIGNED:</b>	04/01/2022
<b>Total Attachments: 6</b> source=Resideo - First Alert - Patent Security Agreement - Filing#page2.tif source=Resideo - First Alert - Patent Security Agreement - Filing#page3.tif source=Resideo - First Alert - Patent Security Agreement - Filing#page4.tif source=Resideo - First Alert - Patent Security Agreement - Filing#page5.tif source=Resideo - First Alert - Patent Security Agreement - Filing#page6.tif source=Resideo - First Alert - Patent Security Agreement - Filing#page7.tif	

PATENT SECURITY AGREEMENT dated as of April 1, 2022 (this "Agreement"), between BRK Brands, Inc. and Ademco Inc. (the "Grantors") and JPMorgan Chase Bank, N.A. ("JPMCB"), as Administrative Agent.

Reference is made to (a) the Amended and Restated Credit Agreement dated as of February 12, 2021 (as amended by the First Amendment to Amended and Restated Credit Agreement, dated as of March 28, 2022, and as further amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Amended Credit Agreement"), among Holdings, U.S. HoldCo 1, U.S. HoldCo 2, the Borrower, the Lenders and Issuing Banks from time to time party thereto and JPMCB, as Administrative Agent, and (b) the Amended and Restated Collateral Agreement, dated as of February 12, 2021 (as supplement by Supplement No. 1 to Amended and Restated Collateral Agreement, dated as of the date hereof, and as further amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Amended Collateral Agreement"), among Holdings, U.S. HoldCo 1, U.S. HoldCo 2, the Borrower, the Subsidiary Loan Parties from time to time party thereto and JPMCB, as Administrative Agent. The parties hereto agree as follows:

**SECTION 1. Terms.** Each capitalized term used but not otherwise defined herein shall have the meaning specified in the Amended Credit Agreement or the Amended Collateral Agreement, as applicable. The rules of construction specified in Section 1.03 of the Amended Credit Agreement also apply to this Agreement, mutatis mutandis.

**SECTION 2. Grant of Security Interest.** As security for the payment or performance, as the case may be, in full of the Secured Obligations, each Grantor, pursuant to the Amended Collateral Agreement, did and hereby does grant to the Administrative Agent and its successors and assigns, for the benefit of the Secured Parties, a security interest in all of such Grantor's right, title and interest in, to and under the portion of the Article 9 Collateral constituting the Patents listed on Schedule I hereto, subject to the exclusions set forth in Section 4.01(d) of the Amended Collateral Agreement (collectively, the "Patent Collateral").

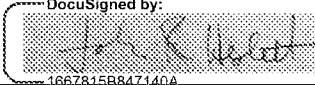
**SECTION 3. Amended Collateral Agreement.** This Agreement has been executed and delivered by the Grantors for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office. The security interest granted hereby has been granted to the Administrative Agent for the benefit of the Lenders in connection with the Amended Collateral Agreement and is expressly subject to the terms and conditions thereof. Each Grantor hereby acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the Patent Collateral are more fully set forth in the Amended 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 Amended Collateral Agreement, the terms of the Amended 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. Delivery of an executed counterpart of a signature page of this Agreement by facsimile or other electronic imaging shall be effective as delivery of a manually executed counterpart of this Agreement.

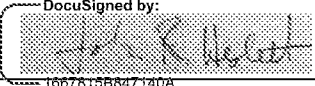
**SECTION 5. CHOICE OF LAW.** THIS AGREEMENT AND ANY CLAIM, CONTROVERSY, DISPUTE OR CAUSE OF ACTION (WHETHER IN CONTRACT OR TORT OR OTHERWISE) BASED UPON, ARISING OUT OF OR RELATING TO THIS AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

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

BRK BRANDS, INC.,  
as a Grantor

By:   
Name: John Heskett  
Title: President and Treasurer

ADEMCO INC.,  
as a Grantor

By:   
Name: John Heskett  
Title: President and Treasurer

[SIGNATURE PAGE TO PATENT SECURITY AGREEMENT]

**JPMORGAN CHASE BANK, N.A.,**  
as Administrative Agent

By:   
Name: Gene Riego de Dios  
Title: Executive Director

[SIGNATURE PAGE TO PATENT SECURITY AGREEMENT]

**PATENT**  
**REEL: 059571 FRAME: 0692**

## SCHEDULE I

### Patents

	Patent No.	Title	Issue Date	Owner
1.	D699,140	Smoke Alarm (Compact Photo Series)	Feb 11, 2014	BRK Brands, Inc.
2.	D742,771	Personal Motion Detection Device	Nov 10, 2015	BRK Brands, Inc.
3.	D808,389	Internet Security and Management Device	Jan 23, 2018	BRK Brands, Inc.
4.	D841,028	Display with Graphical User Interface	Feb 19, 2019	BRK Brands, Inc.
5.	6,762,688	Device with Silencing Circuitry	Jul 13, 2004	BRK Brands, Inc.
6.	6,819,257	Apparatus and Method for Mounting a Detector (Method of Mounting a Gas Alarm)	Nov 16, 2004	BRK Brands, Inc.
7.	6,970,077	Environmental Condition Alarm with Voice Enunciation	Nov 29, 2005	BRK Brands, Inc.
8.	7,417,540	Wireless Linking of Smoke/CO Detection Units	Aug 26, 2008	BRK Brands, Inc.
9.	8,066,859	Electrochemical Carbon Monoxide Sensor Supervision	Nov 29, 2011	BRK Brands, Inc.
10.	7,350,470	Plastic Safe with Concealed Hinge	Apr 1, 2008	BRK Brands, Inc.
11.	9,151,729	Carbon Monoxide Sensor System	Oct 6, 2015	BRK Brands, Inc.
12.	10,397,800	System and Method For Network Access Point Installation and Access Control	Aug 27, 2019	BRK Brands, Inc.
13.	11,025,633	System and Method For Network Access Point Installation and Access Control	Jun 1, 2021	BRK Brands, Inc.
14.	10,248,146	System For Dynamic Control With Interactive Visualization To Optimize Energy Consumption	Apr 2, 2019	Ademco Inc.
15.	10,809,754	System For Dynamic Control With Interactive Visualization To Optimize Energy Consumption	Oct 20, 2020	Ademco Inc.
16.	10,970,950	Systems And Methods For Activating A Security Action Responsive To Proximal Detection And Identification Of A Wireless Device	Apr 6, 2021	Ademco Inc.
17.	11,024,151	Systems And Methods For Activating Monitoring Of A Security System By A Central Monitoring Station	Jun 1, 2021	Ademco Inc.
18.	11,074,797	Building Health Analysis And Management System	Jul 27, 2021	Ademco Inc.
19.	11,112,139	HVAC Controller With A Zone Commissioning Mode	Sep 7, 2021	Ademco Inc.
20.	11,118,800	Duct Positioned Wicking Evaporative Humidifier	Sep 14, 2021	Ademco Inc.
21.	11,162,699	Generating Screens For Display By HVAC Controller Using Templates	Nov 2, 2021	Ademco Inc.
22.	11,221,157	Method And System For Controlling A Mini-Split HVAC Unit From A Remote Location	Jan 11, 2022	Ademco Inc.
23.	D918,983	Camera And Audio Input/Output Device	May 11, 2021	Ademco Inc.
24.	D922,232	Security System Keypad	Jun 15, 2021	Ademco Inc.
25.	D938,401	Wall Mountable Wireless Network Communication Device	Dec 14, 2021	Ademco Inc.
26.	D939,972	Thermostat	Jan 4, 2022	Ademco Inc.
27.	D939,973	Thermostat	Jan 4, 2022	Ademco Inc.
28.	11,221,157	Method And System For Controlling A Mini-Split HVAC Unit From A Remote Location	Jan 11, 2022	Ademco Inc.
29.	11,251,522	Cancelation Circuit For Radio Frequency Antenna Systems	Feb 15, 2022	Ademco Inc.
30.	D910,149	Water Heater Controller	Feb 9, 2021	Ademco Inc.
31.	D938,401	Wall Mountable Wireless Network Communication Device	Dec 14, 2021	Ademco Inc.
32.	D939,974	Temperature Sensor	Jan 4, 2022	Ademco Inc.



Patent Applications

	Serial No.	Title	Application Date	Owner
1.	16/993,140	Gas Valve Operator Drive Circuit	Aug 13, 2020	Ademco Inc.
2.	16/993,162	Burner Control System	Aug 13, 2020	Ademco Inc.
3.	16/987,286	Circuit For Detecting A Leak In A Water Heater Device And Activating An Alarm Device	Aug 6, 2020	Ademco Inc.
4.	16/993,173	Control System For An Intermittent Pilot Water Heater	Aug 13, 2020	Ademco Inc.
5.	16/544,285	Coaxial Cable With Two Hour Circuit Integrity	Aug 19, 2019	Ademco Inc.
6.	16/942,709	Systems And Methods For Building And Using A False Alarm Predicting Model To Determine Whether To Alert A User And/Or Relevant Authorities About An Alarm Signal From A Security System	Jul 29, 2020	Ademco Inc.
7.	17/002,609	Water Heater Control System With Powered Anode Rod	Aug 25, 2020	Ademco Inc.
8.	16/593,871	Determining An Irregularity In Connections For An HVAC Controller Based On Geographic Location	Oct 4, 2019	Ademco Inc.
9.	16/599,030	Carbon Monoxide Detection System	Oct 10, 2019	Ademco Inc.
10.	17/129,569	HVAC Controller With Indoor Air Quality Scheduling	Dec 21, 2020	Ademco Inc.
11.	17/146,710	Humidifier System	Jan 12, 2021	Ademco Inc.
12.	16/677,341	Electronic Air Pressure Interlock Switch	Nov 7, 2019	Ademco Inc.
13.	16/562,131	Refilling Device For A Hydronic Heating System And Method Of Operating	Sep 5, 2019	Ademco Inc.
14.	17/162,854	Automatic Changeover Mode In An HVAC Controller With Reversible Deadband Enforcement	Jan 29, 2021	Ademco Inc.
15.	16/694,797	Room Conditioning Comfort Switch	Nov 25, 2019	Ademco Inc.
16.	17/170,394	HVAC Zoning Devices, Systems, And Methods	Feb 8, 2021	Ademco Inc.
17.	16/553,489	Method For Operating A Gas Burner Appliance	Aug 28, 2019	Ademco Inc.
18.	17/001,388	Digital HVAC Controller With Carousel Screens	Aug 24, 2020	Ademco Inc.
19.	16/993,926	Identification Device For An HVAC Controller	Aug 14, 2020	Ademco Inc.
20.	17/001,433	Digital HVAC Controller For Navigating Information Based On Two Or More Inputs	Aug 24, 2020	Ademco Inc.
21.	17/178,105	Hydronic Floor Heating Systems With Features	Feb 17, 2021	Ademco Inc.
22.	17/164,574	Method Of Associating An HVAC Controller With An External Web Service	Feb 1, 2021	Ademco Inc.
23.	17/182,381	Systems And Methods For Automatic Speech Recognition	Feb 23, 2021	Ademco Inc.
24.	16/719,428	Detection Of HVAC Equipment Wired To A Thermostat	Dec 18, 2019	Ademco Inc.
25.	16/719,363	Thermostat Wire Detection	Dec 18, 2019	Ademco Inc.
26.	16/719,721	Backplane Adjustable Humidifier	Dec 18, 2019	Ademco Inc.
27.	17/204,574	Residential Energy Efficiency Rating System	Mar 17, 2021	Ademco Inc.
28.	16/850,719	Systems And Methods For Converting Low Resolution Images Into High Resolution Images	Apr 16, 2020	Ademco Inc.
29.	17/143,469	Start-Up Sequence For HVAC Controller	Jan 7, 2021	Ademco Inc.
30.	16/751,149	Bluetooth Perimeter Extension	Jan 23, 2020	Ademco Inc.
31.	17/234,146	System For Communication With Devices On A Network To Minimize Power Consumption	Apr 19, 2021	Ademco Inc.
32.	16/785,047	Dynamic Superframe Slotting	Feb 7, 2020	Ademco Inc.
33.	16/793,878	Thermostat Power Wire Switching Circuit	Feb 18, 2020	Ademco Inc.
34.	17/029,578	System For Dynamic Control With Interactive Visualization To Optimize Energy Consumption	Sep 23, 2020	Ademco Inc.

35.	16/966,681	Universal Wireless HVAC Controller With An Internally Stored Infrared (IR) Database	Jul 31, 2020	Ademco Inc.
36.	16/824,393	Wall Mounted Bypass Humidifier	Mar 19, 2020	Ademco Inc.
37.	16/833,500	Water Heating System For Controlling An Ability To Set A Parameter Of A Controller	Mar 27, 2020	Ademco Inc.
38.	16/831,476	Home Network Using Multiple Wireless Networking Protocols	Mar 26, 2020	Ademco Inc.
39.	16/842,585	Access Door Detection Using A Humidity Sensor	Apr 7, 2020	Ademco Inc.
40.	17/348,726	Comfort Controller With User Feedback	Jun 15, 2021	Ademco Inc.
41.	16/860,244	Systems And Methods For Broadcasting An Audio Or Visual Alert That Includes A Description Of Features Of An Ambient Object Extracted From An Image Captured By A Camera Of A Doorbell Device	Apr 28, 2020	Ademco Inc.
42.	16/859,214	Systems And Methods For Identifying A Unified Entity From A Plurality Of Discrete Parts	Apr 27, 2020	Ademco Inc.
43.	16/860,157	Systems And Methods For Identifying User-Customized Relevant Individuals In An Ambient Image At A Doorbell Device	Apr 28, 2020	Ademco Inc.
44.	17/371,922	Micro Power Water Leak Detector	Jul 9, 2021	Ademco Inc.
45.	16/865,612	Systems And Methods For Encoding Regions Containing An Element Of Interest In A Sequence Of Images With A High Resolution	May 4, 2020	Ademco Inc.
46.	16/868,433	Humidifier Cartridge With Handle	May 6, 2020	Ademco Inc.
47.	16/869,448	Individual Driving Of Nebulizers Based On HVAC Conditions	May 7, 2020	Ademco Inc.
48.	17/385,500	Building Health Analysis And Management System	Jul 26, 2021	Ademco Inc.
49.	16/881,913	Air Quality Monitor	May 22, 2020	Ademco Inc.
50.	17/408,139	To Control A Communication Rate Between A Thermostat And A Cloud Based Server	Aug 20, 2021	Ademco Inc.
51.	16/935,107	Temperature Compensation For Low-Voltage Thermostats	Jul 21, 2020	Ademco Inc.
52.	16/541,638	Cancellation Circuit For Radio Frequency Antenna Systems	Aug 15, 2019	Ademco Inc.
53.	17/465,447	Wall Mount Connector Including Memory	Sep 2, 2021	Ademco Inc.
54.	17/465573	HVAC Controller With A Zone Commissioning Mode	Sep 2, 2021	Ademco Inc.
55.	16/917,632	Inlet Controlled Regulating Valve	Jun 30, 2020	Ademco Inc.
56.	17/491,381	HVAC Control With A Remote User Interface And A Remote Temperature Sensor	Sep 30, 2021	Ademco Inc.

**PATENT**

**RECORDED: 04/01/2022**

**REEL: 059571 FRAME: 0695**