

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6222098

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	A9.COM, INC.	04/22/2020
RECEIVING PARTY DATA		
Name:	AMAZON TECHNOLOGIES, INC.	
Street Address:	PO BOX 81226	
City:	SEATTLE	
State/Country:	WASHINGTON	
Postal Code:	98108-1226	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16746598
CORRESPONDENCE DATA		
Fax Number:	(720)931-3001	
<i>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.</i>		
Phone:	7209313000	
Email:	patent@lathropgage.com, janice.price@lathropgpm.com, jacqui.frey@lathropgpm.com	
Correspondent Name:	LATHROP GPM LLP	
Address Line 1:	2440 JUNCTION PLACE, SUITE 300	
Address Line 2:	SUITE 300	
Address Line 4:	BOULDER, COLORADO 80301	
ATTORNEY DOCKET NUMBER:	619603	
NAME OF SUBMITTER:	JANICE PRICE	
SIGNATURE:	/Janice Price/	
DATE SIGNED:	07/28/2020	
Total Attachments: 52		
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PATENT ASSIGNMENT AGREEMENT

This Patent Assignment Agreement (the “**Assignment**”) is effective as of April 22, 2020 (the “**Effective Date**”), by and between A9.com, Inc. (“**Assignor**”), a corporation organized and existing under the laws of the State of Delaware, and Amazon Technologies, Inc. (“**Assignee**”), a corporation organized and existing under the laws of the State of Nevada.

WHEREAS, Assignor is the owner of the patents, and patent applications listed on **Schedule A** (the “**Patent Assets**”); and

WHEREAS, Assignor wants to assign, and Assignee wants to receive, all of Assignor’s right, title, and interest in and to the Patent Assets;

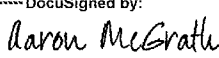
NOW, THEREFORE, in consideration of the foregoing premises and of the mutual covenants contained herein, Assignor and Assignee agree as follows:

1. Assignor now assigns to Assignee all of Assignor’s right, title, and interest in and to the Patent Assets. This Assignment includes, without limitation: all patent applications and issued patents listed on **Schedule A**; all letters patent that may be granted for any patent applications listed on **Schedule A** in the United States of America and its territorial possessions and in any and all foreign countries, and any and all provisionals, divisions, reissues, re-examinations, and continuations thereof; the right to file foreign applications directly in the name of Assignee and to claim priority rights deriving from any patent applications listed on **Schedule A** to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise; all rights to proceeds of the Patent Assets, including income, royalties, damages, profits, and payments now or hereafter payable; and the right to take action against third parties for past, present, or future infringement of the Patent Assets. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks, as well as all other applicable patent offices throughout the world, to issue all letters patent on any of the Patent Assets to Assignee.
2. Assignor shall execute and deliver any other documents and perform any other reasonable acts Assignee may request, that Assignee considers necessary and appropriate to effect the terms of this Assignment and establish Assignee’s rights in the Patent Assets.
3. This Assignment binds and inures to the benefit of the respective successors and assigns of Assignor and Assignee.

The undersigned have duly executed this Assignment as of the Effective Date.

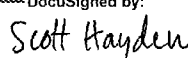
ASSIGNOR:

A9.com, Inc.

DocuSigned by:

 By: _____
 Name: Aaron McGrath
 Title: Vice President

ASSIGNEE:

Amazon Technologies, Inc.

DocuSigned by:

 By: _____
 Name: Scott Hayden
 Title: VP

Schedule A

Jurisdiction	App. No. / Patent No.	Filed	App. Title
United States of America	29/653,715	6/18/2018	RING - RVD Pro, CON3
United States of America	15/884,096	1/30/2018	RING - Wirelessly Controllable Communication Module
Canada	2697919	10/30/2008	RING - Wireless light bulb
European Patent	8828753	10/30/2008	RING - Wireless light bulb
China	200880113524	10/30/2008	RING - Wireless light bulb
Brazil	BR2008PI15982	10/30/2008	RING - Wireless Light Bulb
United States of America	14/334,922	7/18/2014	RING - DoorBot, Utility (US02)
United States of America	15/784,169	10/15/2017	RING - Doorbell with Integrated Image Sensor/Button (CON of 981)
United States of America	15/466,199	3/22/2017	RING - Solder Jumper (US02)
Australia	AU20160101968	11/10/2016	RING - Illuminated sign for wireless audio/video recording and communication devices
United States of America	15/584,060	5/2/2017	RING - Solar-Powered Sign v.1, Utility (US02)
United States of America	29/602,977	5/5/2017	RING - RVD V2, Design, CON1 (Digoo)
Mexico	2017/003166	10/16/2017	RING - Spotlight Cam Wired Mounting Assembly, Design
Korea, Republic of (KR)	30-2017-0048132	10/17/2017	RING - Spotlight Cam Wired Mounting Assembly, Design
Mexico	MX/f/2017/003359	10/30/2017	RING - Spotlight Cam Battery, Design
Mexico	MX/f/2017/003866	12/5/2017	RING - Battery Pack, Design
Mexico	MX/f/2018/000595	2/28/2018	RING - Ring Alarm Hub, Design
Mexico	MX/f/2018/000613	3/1/2018	RING - Ring Alarm Keypad, Design
Japan	2018-5252	3/14/2018	RING - Ring Alarm Keypad, Design
Mexico	MX/f/2018/000562	2/26/2018	RING - Ring Alarm Network Extender, Design
Japan	2018-5253	3/14/2018	RING - Ring Alarm Network Extender, Design
Taiwan	107302083	4/13/2018	RING - Solar Bracket for RVD 2, Design (Taiwan)
Japan	2018-008093	4/12/2018	RING - Solar Bracket for RVD 2, Design (Japan)
Mexico	MX/f/2018/001045	4/10/2018	RING - Solar Bracket for RVD 2, Design (Mexico)

United States of America	29/682,194	3/2/2019	RING - Ring Alarm Flood & Freeze Sensor, Design (US02CON)
Taiwan	107300299	1/17/2018	RING - Motion Sensor, Design
Mexico	MX/f/2018/000182	1/18/2018	RING - Motion Sensor, Design (MX)
United States of America	29/690,915	5/13/2019	RING - Motion Sensor, Design (US03CON)
United States of America	29/701,152	8/8/2019	RING - Spotlight, Design (US02CON)
China	201930492201	11/7/2018	RING - Spotlight Cam Wired Wall Plate, Design (CN02DIV)
China	201930491755	11/7/2018	RING - Spotlight Cam Wired Ceiling Mount, Design (CN02DIV)
United States of America	29/648,051	5/17/2018	RING - Spotlight Cam Wired Ceiling Mount Design
United States of America	15/375,657	12/12/2016	RING - Emergency lighting device with remote lighting
United States of America	16/385,882	4/16/2019	RING - Wireless proximity aware remote control lighting system (US04CON)
Mexico	2017/006009	5/8/2017	RING - Chime, Utility
United States of America	15/957,848	4/19/2018	RING - Chime, Utility, CON1 (US02CON)(CON of 387)
United States of America	15/431,607	2/13/2017	RING - Neighborhoods, Client Device Method (also claims priority to 98 provs)
United States of America	15/614,609	6/6/2017	RING - Neighborhoods 2 + Alerts thru Chimes (CON of 412) (US02CON)
United States of America	15/904,398	2/25/2018	RING - Preventive App Features, NH Alert Mode
United States of America	15/967,097	4/30/2018	Sensor-Based Prompts to Activate PPM
United States of America	15/696,097	9/5/2017	RING - RVD Elite, Utility (US02)
United States of America	16/357,083	3/18/2019	RING - Doorbell sound output device controllers, doorbell switches, and associated systems and methods (US03CON)
United States of America	15/992,702	5/30/2018	RING - Parcel Delivery Prediction-based Theft Detection (Parcel Delivery Predictor) (US02)
United States of America	16/138,841	9/21/2018	RING - Bridge Rectifier with FETs

United States of America	16/424,970	5/29/2019	RING - Suspect ID & Intruder Detection Using Client Device (US02)
United States of America	29/605,389	5/25/2017	RING - RVD V2, Design, CON2 (Remobell)
United States of America	29/634,032	1/17/2018	RING - RVD V2, Design, CON6 (Akaso/Homscam)
European Union	N/A	6/30/2016	RING - Stick Up Cam, Design
Mexico	MX/f/2016/002737	9/6/2016	RING - RVD Pro, Design
European Union	EP3371889	9/8/2016	RING - RVD Pro, Design
United States of America	29/694,520	6/11/2019	RING - Chime, Design (US02CON)
Colombia	NC2016/0004227	11/17/2016	RING - Solar-Powered Sign v.3 (Design, Octagon)
Chile	0067-2017	1/11/2017	RING - Solar-Powered Sign v.3 (Design, Octagon) (CL)
United States of America	29/676,394	1/10/2019	RING - Solar-Powered Sign v.3 (Design, Octagon) (US03CON)
United States of America	29/676,405	1/10/2019	RING - Solar-Powered Sign v.3, CON1 (Design, Round) (US03CON)
United States of America	29/676,418	1/10/2019	RING - Solar-Powered Sign v.3 Design Square (US03CON)
European Union	3872688-0001	4/25/2017	RING - Floodlight Cam, Design
European Union	4152429	8/17/2017	RING - RVD V4, Design (RVD 2)
Brazil	302017003707-0	8/24/2017	RING - RVD V4, Design (RVD 2)
Brazil	3020170038387	9/1/2017	RING - Solar Bracket for RVD, Design
United States of America	29/699,188	7/23/2019	RING - Solar Bracket for RVD, Design (US02CON)
European Union	4408235	10/17/2017	RING - Spotlight Cam Wired Mounting Assembly, Design
European Union	4408276	10/17/2017	RING - Spotlight Cam Wired Mounting Assembly Adapter, Design
India	297725	9/21/2017	RING - Spotlight Cam Battery, Design
Indonesia	A00201702848	11/1/2017	RING - Spotlight Cam Battery, Design
European Union	4498426	11/8/2017	RING - Spotlight Cam Battery, Design
European Union	004662948-001	1/11/2018	RING - Battery Pack, Design
European Union	004662948-002	1/11/2018	RING - Battery Pack, Design
Brazil	BR302017005814-0	12/21/2017	RING - Spotlight Cam Wired, Design
Indonesia	A00201800079	1/15/2018	RING - Spotlight Cam Wired, Design
European Union	004667418-0001	1/16/2018	RING - Spotlight Cam Wired, Design

Mexico	MX/f/2018/000324	1/30/2018	RING - Ring Alarm D&W Sensor, Design
European Union	N/A	N\A	RING - Ring Alarm D&W Sensor, Design
Japan	2018-5251	3/14/2018	RING - Ring Alarm Hub, Design
European Union	N/A	N\A	RING - Ring Alarm Hub, Design
European Union	N/A	N\A	RING - Ring Alarm Keypad, Design
Chile	N/A	N\A	RING - Ring Alarm Network Extender, Design
European Union	N/A	N\A	RING - Ring Alarm Network Extender, Design
United States of America	29/700,575	8/2/2019	RING - Ring Alarm Network Extender, Design (US02CON)
European Union	005227295-0001	4/9/2018	RING - Solar Bracket for RVD 2, Design (Europe)
United States of America	29/692,471	5/24/2019	RING - Solar Bracket for RVD 2, Design (US02CON)
Mexico	MX/f/2018/001097	4/16/2018	RING - Ring Alarm Flood & Freeze Sensor, Design
European Union	N/A	N\A	RING - Ring Alarm Flood & Freeze Sensor, Design
European Union	N/A	N\A	RING - Ring Alarm Siren, Design
European Union	N/A	N\A	RING - Ring Alarm Smoke & CO Sensor, Design
United States of America	29/696,893	7/2/2019	RING - Ring Alarm Smoke & CO Sensor, Design (US02CON)
India	307471	7/6/2018	RING - Lunar, Design 2 (India)
India	307472	7/6/2018	RING - Lunar, Design 2 (India)
India	307473	7/6/2018	RING - Lunar, Design 2 (India)
India	307474	7/6/2018	RING - Lunar, Design 2 (India)
Mexico	MX/f/2018/002022	7/6/2018	RING - Lunar, Design 2 (Mexico)
European Patent	5494044	7/9/2018	RING - Lunar, Design 2 (Europe)
India	307475	7/6/2018	RING - Stick Up Cam Wired, Design 2 - IN
India	307476	7/6/2018	RING - Stick Up Cam Wired, Design 2 (IN02)
India	307477	7/6/2018	RING - Stick Up Cam Wired, Design 2 (IN03)
India	307478	7/6/2018	RING - Stick Up Cam Wired, Design 2 (IN04)
Mexico	MX/f/2018/002023	7/6/2018	RING - Stick Up Cam Wired, Design 2 - MX
Japan	2018-022370	10/12/2018	RING - RVD Pro V3, Design (JP)
Japan	2018-022371	10/12/2018	RING - RVD Pro V3, Design (JP02)
European Union	3327998-0001	8/2/2016	RING - Spotlight
European Union	4601516	1/8/2018	RING - Motion Sensor, Design

United States of America	29/724,103	2/12/2020	RING - Spotlight, Design (US03CON)
European Union	4602019	1/8/2018	RING - Step Light, Design
Mexico	MX/f/2018/001999	7/5/2018	RING - Ring Beams Floodlight (C5000), Design (Mexico)
China	201930476073	8/30/2019	DESIGN - RING - Ring Beams Floodlight (C5000) - CN
Japan	2019-019607	9/3/2019	DESIGN - RING - Ring Beams Floodlight (C5000) - JP
Taiwan	108305376	9/5/2019	DESIGN - RING - Ring Beams Floodlight (C5000) - TW
Japan	2019-019608	9/3/2019	DESIGN - RING - Ring Beams Floodlight (C5000) (JP02)
Taiwan	108305375	9/5/2019	DESIGN - RING - Ring Beams Floodlight (C5000) (TW02)
United States of America	29/711,871	11/4/2019	RING - Ring Beams Floodlight (C5000), Design (US02CON)
Mexico	MX/f/2018/001998	7/5/2018	RING - Ring Beams Floodlight (C3500), Design (Mexico)
United States of America	29/711,877	11/4/2019	RING - Ring Beams Floodlight (C3500), Design (US02CON)
Mexico	MX/f/2018/001997	7/5/2018	RING - Ring Beams Floodlight (MB3400), Design (Mexico)
United States of America	29/711,879	11/4/2019	RING - Ring Beams Floodlight (MB3400), Design (US02CON)
European Union	2562801-0002	10/23/2014	RING - Mini night light
European Union	2598995-0001	12/16/2014	RING - Path light
European Union	2598995-0002	12/16/2014	RING - Path light
European Union	2598995-0003	12/16/2014	RING - Path light
European Union	2598995-0004	12/16/2014	RING - Path light
European Union	2933234-0001	1/4/2016	RING - Compact path light
European Union	3112408-0001	5/5/2016	RING - Spotlight
European Union	3112663-0001	5/5/2016	RING - Ceiling light
United States of America	29/717,909	12/19/2019	RING - Spotlight Cam Wired Wall Plate, Design (US02DIV)
Taiwan	107306524	11/5/2018	RING - Spotlight Cam Wired Wall Plate, Design - TW
United States of America	29/723,148	2/4/2020	RING - Spotlight Cam Wired Ceiling Mount Design (US02DIV)
Taiwan	107306525	11/5/2018	RING - Spotlight Cam Wired Ceiling Mount, Design - TW
United States of America	16/141,098	9/25/2018	RING - Disaster Mode for Camera
United States of America	16/556,686	8/30/2019	RING - Cloud-Connected Off-Grid Lighting and Video System (US04CON)
United States of America	16/781,668	2/4/2020	RING - Cloud-Connected Off-Grid Lighting and Video System (US05CON)

United States of America	16/159,329	10/12/2018	RING - Wireless lighting network with external remote control (US04CON)
United States of America	16/376,246	4/5/2019	RING - Wirelessly Controllable Communication Module (US12CON)
United States of America	16/392,069	4/23/2019	RING - Video on Demand for Communication Devices (US13CON)
United States of America	16/507,695	7/10/2019	RING - Motion Sensitive Communication Device for Controlling IR Lighting (US14CON)
United States of America	16/687,282	11/18/2019	RING - Smart phone controlled wireless light bulb (US04CON)
United States of America	16/369,301	3/29/2019	RING - Wireless lighting device with charging port (US03CON)
European Patent	20151792	1/14/2020	RING - USB Dongle (EP02DIV)
Japan	2019-503206	6/23/2017	RING - Chime Pro, Utility - JP
European Patent	17831537	6/23/2017	RING - Chime Pro, Utility - EP
Australia	2016258199	12/4/2017	RING - Doorbell with Integrated Image Sensor/Button
Canada	2988403	12/15/2017	RING - Doorbell with Integrated Image Sensor/Button
Australia	2016372164	12/15/2016	RING - Video on Demand, PCT (Australia)
Canada	3008458	12/15/2016	RING - Live View Settings, PCT (Canada)
European Patent	16876686	12/15/2016	RING - Video on Demand, PCT (Europe)
Australia	2016372161	12/15/2016	RING - Video on Demand , PCT (Australia)
Canada	3008456	12/15/2016	RING - Video on Demand , PCT (Canada)
Canada	3008441	12/21/2016	RING - Neighborhood Watch, PCT (Canada)
Japan	2018-531135	12/21/2016	RING - Neighborhood Watch, PCT (Japan)
Korea, Republic of (KR)	10-2018-7021080	12/21/2016	RING -Neighborhood Watch, PCT (Korea)
Mexico	MX/a/2018/007258	12/21/2016	RING - Neighborhood Watch, PCT (Mexico)
Australia	2016377664	12/21/2016	RING - Neighborhood Watch, PCT (Australia)
Canada	3015480	2/13/2017	RING - Neighborhoods - CA

Korea, Republic of (KR)	10-2019-7005039	2/13/2017	RING - Neighborhoods (KR02DIV)
Japan	2019-054022	2/13/2017	RING - Neighborhoods (JP02DIV)
China	2019112744640	2/13/2017	RING - Neighborhoods (CN02DIV)
Australia	2019275575	2/13/2017	RING - Neighborhoods (AU02DIV)
United States of America	16/410,783	5/13/2019	RING - Preventive App Features, Camera Event Stitching (US05CON)
United States of America	16/706,681	12/7/2019	RING - Neighborhoods 2 + Alert Wakes Up Cameras (US06CON)
United States of America	16/776,392	1/29/2020	RING - Preventive App Features, NH Alert Mode (US07CON)
United States of America	15/721,549	9/29/2017	RING - Neighborhoods 2, Location Verification
United States of America	16/134,323	9/18/2018	RING - Saving Power by Spoofing Device Address
Korea, Republic of (KR)	10-2019-7022849	3/15/2017	RING - RVD Pro, Power Manager (KR02DIV)
United States of America	16/137,166	9/20/2018	RING - Distributed Acoustic and Radio-Based Positioning
United States of America	16/746,598	1/17/2020	RING - RVD Pro, Shunt (US04CON)
United States of America	16/544,728	8/19/2019	RING - IR LED Heat Sink / Battery Heater (US03DIV)
Patent Cooperation Treaty	PCT/US2017/036286	6/7/2017	RING - Configurable Motion Detection and Alerts
Japan	2019-503207	7/21/2017	LIT - RING - Floodlight Camera - JP
European Patent	N/A	7/21/2017	LIT - RING - Floodlight Camera (EP02DIV)
United States of America	16/679,991	11/11/2019	RING - Parcel Bounding Box, Non-Provisional (Client Device) (US04CON)
United States of America	16/726,564	12/24/2019	RING - Sensor-Based Prompts to Activate PPM (US05CON)
United States of America	16/680,131	11/11/2019	RING - Parcel Bounding Box, Non-Provisional (AV Device and Backend) (US02CON)
United States of America	16/693,284	11/23/2019	RING - Speed Camera, Non-Provisional (claims priority to same prov of 126) (US02CON)
Japan	2019-514731	9/21/2017	LIT - RING - Two-Camera Device - JP
United States of America	15/824,379	11/28/2017	RING - Security devices configured for capturing recognizable facial images

Japan	2019-515257	9/26/2017	RING - Pre-Roll - JP
United States of America	15/823,449	11/27/2017	RING - Neighborhood Camera
United States of America	16/713,219	12/13/2019	RING - Car Filter for Alerts (US03CON)
United States of America	16/686,138	11/16/2019	RING - Two Cams, LR & HR, Neigh. Sys. (US04CON)
United States of America	16/781,746	2/4/2020	RING - Auto-Exposure Control (US03CON)
United States of America	16/669,938	10/31/2019	RING - Threat Level Indicators (US03)
United States of America	16/687,465	11/18/2019	RING - Spotlight Cam Battery, Utility (US03CON)
United States of America	16/735,593	1/6/2020	RING - Parcel Delivery Prediction-based Theft Detection (Parcel Delivery Predictor) (US03CON)
United States of America	16/716,383	12/16/2019	RING - Camera Access Based on User Location (US03CON)
United States of America	16/140,506	9/24/2018	RING - Neighborhood Rewards Program
United States of America	16/776,104	1/29/2020	RING - Bridge Rectifier with FETs (US02CON)
United States of America	16/135,861	9/19/2018	RING - Alarm Settings Based on Direction of Movement (US02)
United States of America	16/165,166	10/19/2018	RING - People Only Notifications (US02)
United States of America	16/749,321	1/22/2020	RING - Suspect ID & Intruder Detection Using Client Device (US03CON)
United States of America	16/453,083	6/26/2019	RING - Landscape Light Transformer (Transformer Device Focused) (US02CON)
United States of America	16/397,171	4/29/2019	RING - Landscape Light Transformer (Bridge Device Focused) (US02CON)
United States of America	16/274,144	2/12/2019	RING - Using AR to Display Crime Locations (US02)
United States of America	16/272,879	2/11/2019	RING - Video Evidence File Format & Auto-Generated Incident Report (US02)
Japan	2019-600039	9/5/2017	RING - RVD Elite, Utility - JP
Korea, Republic of (KR)	20-2019-7000022	9/5/2017	RING - RVD Elite, Utility - KR
European Union	N/A	N/A	RING - Spotlight Cam Wired Wall Plate, Design - EP
European Union	N/A	N/A	RING - Spotlight Cam Wired Ceiling Mount, Design - EP
United States of America	15/911,013	3/2/2018	RING - Chime Pro, Utility, (CON of 741)

Patent Cooperation Treaty	PCT/US2011/051881	9/16/2011	RING - Remote switch sensing in lighting devices
Patent Cooperation Treaty	PCT/US2011/041791	6/24/2011	RING - Wireless emergency lighting system
Patent Cooperation Treaty	PCT/US2011/034802	5/2/2011	RING - Wireless lighting devices and grid-shifting applications
Patent Cooperation Treaty	PCT/US2009/066003	11/26/2009	RING - Wireless Lighting Devices and Applications (NetBright)
Patent Cooperation Treaty	PCT/US2008/081807	10/30/2008	RING - Wireless light bulb
Patent Cooperation Treaty	PCT/US2016/068721	12/27/2016	RING - Zones and Range Modification
Patent Cooperation Treaty	PCT/US2014/046952	7/17/2014	RING - USB Dongle
Patent Cooperation Treaty	PCT/US2017/047680	8/18/2017	RING - Gesture Recognition, PCT
Patent Cooperation Treaty	PCT/US2016/031371	5/6/2016	RING - Doorbell with Integrated Image Sensor/Button
Patent Cooperation Treaty	PCT/US2016/063652	11/23/2016	RING - PIR Motion Detection
Patent Cooperation Treaty	WO/2016/066949	12/15/2016	RING - Live View Settings
Patent Cooperation Treaty	PCT/US2016/066938	12/15/2016	RING - Video on Demand, PCT
Patent Cooperation Treaty	PCT/US2016/068088	12/21/2016	RING - Neighborhood Watch (PCT)
Patent Cooperation Treaty	PCT/US2016/069435	12/30/2016	RING - Post-Call Upload, Single Stream
Patent Cooperation Treaty	PCT/US2017/017714	2/13/2017	RING - Neighborhoods (WO01)
Patent Cooperation Treaty	PCT/US2018/025285	3/29/2018	RING - Neighborhoods 2 + Actions Based on Alerts (PCT)
Patent Cooperation Treaty	PCT/US2018/025292	3/29/2018	RING - Neighborhoods 2 + Alerts with Non-Ring Device Info (WO01)
Patent Cooperation Treaty	PCT/US2018/037414	6/13/2018	RING - Neighborhoods 2 + Alert Wakes Up Cameras, PCT (WO01)
Patent Cooperation Treaty	PCT/US2018/040010	6/28/2018	RING - Neighborhoods 2, Parcel Theft Alerts, PCT
Patent Cooperation Treaty	PCT/US2018/026054	4/4/2018	RING - Prepared Comments for Neighborhood Videos
Patent Cooperation Treaty	PCT/US2017/021997	3/12/2017	RING - RVD Pro V2
Patent Cooperation Treaty	PCT/US2017/022407	3/15/2017	RING - RVD Pro
Patent Cooperation Treaty	PCT/US2017/023600	3/22/2017	RING - Solder Jumper
Patent Cooperation Treaty	PCT/US2017/024448	3/28/2017	RING - IR LED Heat Sink / Battery Heater (PCT)

Patent Cooperation Treaty	PCT/US2017/030485	5/2/2017	RING - Solar-Powered Sign v.1 (WO01)
Patent Cooperation Treaty	PCT/US2017/045477	8/4/2017	RING - Parcel Theft Deterrence
Patent Cooperation Treaty	PCT/US2017/045538	8/4/2017	RING - User Configurable Parcel Protection Mode
Patent Cooperation Treaty	PCT/US2017/045613	8/4/2017	RING - Self-Addressed Parcel Tracking Devices
Patent Cooperation Treaty	PCT/US2017/045636	8/4/2017	RING - Parcel Bounding Box
Patent Cooperation Treaty	PCT/US2017/046658	8/12/2017	RING - Rewards, PCT
Patent Cooperation Treaty	PCT/US2017/047236	8/16/2017	RING - Speed Camera, PCT
Patent Cooperation Treaty	PCT/US2017/047676	8/18/2017	RING - Location-Weighted Rewards, PCT
Patent Cooperation Treaty	PCT/US2017/058382	10/26/2017	RING - Parcel Delivery Assistant, PCT
Patent Cooperation Treaty	PCT/US2017/058383	10/26/2017	RING - Customizable Intrusion Zones, PCT
Patent Cooperation Treaty	PCT/US2017/063329	11/27/2017	RING - Neighborhood Camera, PCT
Patent Cooperation Treaty	PCT/US2017/064748	12/5/2017	RING - Two Cameras, Low-Res & High-Res, PCT
Patent Cooperation Treaty	PCT/US2017/064543	12/4/2017	RING - Car Filter for Alerts, PCT
Patent Cooperation Treaty	PCT/US2018/012213	1/3/2018	RING - Streaming End Detection, PCT
Patent Cooperation Treaty	PCT/US2018/013341	1/11/2018	RING - Parallel Power Conn's. for Video DB Sys., PCT
Patent Cooperation Treaty	PCT/US2018/013902	1/16/2018	RING - Two Cams, LR & HR, Neigh. Sys., PCT
Patent Cooperation Treaty	PCT/US2018/016725	2/2/2018	RING - Two Cams, LR & HR, LR Motion on HR Bkgrnd., PCT
Patent Cooperation Treaty	PCT/US2018/019565	2/23/2018	RING - Auto-Exposure Control, PCT
Patent Cooperation Treaty	PCT/US2018/019783	2/26/2018	RING - Solar Bracket for RVD, PCT
Patent Cooperation Treaty	PCT/US2018/023156	3/19/2018	RING - Threat Level Indicators (PCT)
Patent Cooperation Treaty	PCT/US2018/023955	3/23/2018	RING - Post-Call Upload, Dual Stream (WO01)
Patent Cooperation Treaty	PCT/US2018/023612	3/21/2018	RING - Two Cameras, LR & HR, Combining LR Data with HR Data, PCT (WO01)
Patent Cooperation Treaty	PCT/US2018/024410	3/26/2018	RING - Geolocation-Based Alerts
Patent Cooperation Treaty	PCT/US2018/025577	3/30/2018	RING - Floodlight Cam Linking

Patent Cooperation Treaty	PCT/US2018/027807	4/16/2018	RING - Spotlight Cam Wired Mounting Assembly, Utility
Patent Cooperation Treaty	PCT/US2018/028373	4/19/2018	RING - Auto-Adjustable Day/Night Motion Sensitivity
Patent Cooperation Treaty	PCT/US2018/028711	4/20/2018	RING - Local Processing & Pushing Images to Devices (PCT)
Patent Cooperation Treaty	PCT/US2018/035059	5/30/2018	RING - Parcel Delivery Prediction-based Theft Detection (Parcel Delivery Predictor) (WO01)
Patent Cooperation Treaty	PCT/US2018/036337	6/6/2018	RING - Behavior Pattern Learning and Alerts (WO01)
Patent Cooperation Treaty	PCT/US2018/019786	2/26/2018	RING - Identifying Suspicious Persons, PCT
Patent Cooperation Treaty	PCT/US2018/019888	2/27/2018	RING - RVD V4, Utility (RVD 2)
United States of America	62/692,097	6/29/2018	RING - Shot Spotter Balls
United States of America	62/691,064	6/28/2018	RING - Events for Disabled Motion Alerts
United States of America	62/683,473	6/11/2018	RING - Augmented Reality Glasses
United States of America	62/690,774	6/27/2018	RING - Grocery Delivery Notifications
United States of America	62/680,439	6/4/2018	RING - Camera Assisted Geo-Fencing for Object Tracking
United States of America	60/786,636	3/28/2006	RING - Wireless lighting system
United States of America	62/693,201	7/2/2018	RING - Single Event Based on Consecutive Actions
United States of America	61/475,931	4/15/2011	RING - Lighting device capable of maintaining light intensity in demand response applications
United States of America	61/661,548	6/19/2012	RING - Group management of a wireless power outage lighting system
United States of America	61/544,000	10/6/2011	RING - Wireless lighting device with charging port
United States of America	61/978,391	4/11/2014	RING - Modular coordinated lighting system
United States of America	62/689,677	6/25/2018	RING - Neighborhoods, Panic Button
United States of America	61/273,660	8/7/2009	RING - Wireless asset tracking system
United States of America	61/716,903	10/22/2012	RING - Systems and methods for wireless sensing and tracking
United States of America	61/749,049	1/4/2013	RING - Systems and methods for wireless sensing and control devices

United States of America	61/803,655	3/20/2013	RING - Device positioning using acoustic and radio signals
United States of America	61/808,141	4/3/2013	RING - Device positioning using acoustic and radio signals
United States of America	61/949,231	3/6/2014	RING - Device positioning using acoustic and radio signals
United States of America	61/847,274	7/17/2013	RING - USB Dongle
United States of America	61/847,816	7/18/2013	RING - DoorBot
United States of America	62/158,035	5/7/2015	RING - Doorbell w/ Integrated Image Sensor/Button
United States of America	62/263,334	12/4/2015	RING - PIR Motion Detection
United States of America	62/289,072	1/29/2016	RING - PIR Motion Detection
United States of America	62/267,762	12/15/2015	RING - Video on Demand
United States of America	62/289,114	1/29/2016	RING - Video on Demand
United States of America	62/338,992	5/19/2016	RING - Live View Settings
United States of America	62/686,278	6/18/2018	RING - Tagging Intruders
United States of America	62/270,373	12/21/2015	RING - Neighborhood Watch
United States of America	62/271,186	12/22/2015	RING - Neighborhood Watch
United States of America	62/288,971	1/29/2016	RING - Neighborhood Watch
United States of America	62/273,933	12/31/2015	RING - Post-Call Upload, Single Stream
United States of America	62/289,857	2/1/2016	RING - Post-Call Upload, Single Stream
United States of America	62/300,547	2/26/2016	RING - Neighborhoods
United States of America	62/687,421	6/20/2018	RING - User-Defined FOV with Panorama
United States of America	62/308,746	3/15/2016	RING - RVD Pro, Utility
United States of America	62/422,830	11/16/2016	RING - RVD Pro V2
United States of America	62/682,543	6/8/2018	RING - Motion Detection Based on RSSI
United States of America	62/683,849	6/12/2018	RING - Low Bitrate Optical Communication Link
United States of America	62/686,978	6/19/2018	RING - Ring Alarm Temporary Bypass

United States of America	62/681,968	6/7/2018	RING - Emergency Camera Access (Amber Alert)
United States of America	62/312,912	3/24/2016	RING - Solder Jumper
United States of America	62/319,758	4/7/2016	RING - IR LED Heat Sink / Battery Heater
United States of America	62/332,321	5/5/2016	RING - Solar-Powered Sign (v.1), Utility
United States of America	62/350,057	6/14/2016	RING - Configurable Motion Detection and Alerts
United States of America	62/367,045	7/26/2016	LIT - RING - Floodlight Cam (Prov. #1)
United States of America	62/410,790	10/20/2016	LIT - RING - Floodlight Cam (Prov. #2)
United States of America	62/442,218	1/4/2017	LIT - RING - Floodlight Cam (Prov. #3)
United States of America	62/368,950	7/29/2016	RING - Builders
United States of America	62/374,505	8/12/2016	RING - Parcel Theft Deterrence
United States of America	62/479,060	3/30/2017	RING - User Configurable Parcel Protection Mode
United States of America	62/450,767	1/26/2017	RING - Self-Addressed Parcel Tracking Devices
United States of America	62/522,075	6/19/2017	RING - Parcel Bounding Box
United States of America	62/376,842	8/18/2016	RING - Rewards
United States of America	62/376,826	8/18/2016	RING - Speed Camera
United States of America	62/381,783	8/31/2016	RING - Location-Weighted Rewards
United States of America	62/394,612	9/14/2016	RING - RVD Elite, Utility
United States of America	62/397,626	9/21/2016	LIT - RING - Two-Camera Device
United States of America	62/399,779	9/26/2016	RING - Pre-Roll
United States of America	62/413,252	10/26/2016	RING - Parcel Delivery Assistant
United States of America	62/413,378	10/26/2016	RING - Customizable Intrusion Zones
United States of America	62/427,114	11/28/2016	RING - Neighborhood Camera
United States of America	62/431,863	12/9/2016	RING - Two Cameras, Low-Res & High-Res
United States of America	62/430,237	12/5/2016	RING - Car Filter for Alerts

United States of America	62/441,915	1/3/2017	RING - Streaming End Detection
United States of America	62/445,184	1/11/2017	RING - Parallel Power Conn's. for Video DB Sys.
United States of America	62/446,703	1/16/2017	RING - Two Cams, LR & HR, Neigh. Sys.
United States of America	62/454,220	2/3/2017	RING - Two Cams, LR & HR, LR Motion on HR Bkgrnd.
United States of America	62/463,685	2/26/2017	RING - Auto-Exposure Control
United States of America	62/464,301	2/27/2017	RING - Audio/video recording and communication devices
United States of America	62/464,342	2/27/2017	RING - Identifying Suspicious Persons, Prov. #1
United States of America	62/466,623	3/3/2017	RING - Solar Bracket for RVD, Utility
United States of America	62/473,560	3/20/2017	RING - Threat Level Indicators
United States of America	62/475,494	3/23/2017	RING - Post-Call Upload, Dual Stream
United States of America	62/475,680	3/23/2017	RING - Two Cams, LR & HR, Combining Data...
United States of America	62/477,977	3/28/2017	RING - Geolocation-Based Alerts
United States of America	62/482,112	4/5/2017	RING - Floodlight Cam Linking
United States of America	62/486,846	4/18/2017	RING - Spotlight Cam Wired Mounting Assembly, Utility
United States of America	62/488,032	4/20/2017	RING - Auto-Adjustable Day/Night Motion Sensitivity
United States of America	62/489,711	4/25/2017	RING - Local Processing & Pushing Images to Devices
United States of America	62/502,993	5/8/2017	RING - Spotlight Cam Battery, Utility
United States of America	62/509,712	5/22/2017	RING - Intelligent Event Summary, Notifications, and Video Presentation
United States of America	62/510,263	5/23/2017	RING - Presenting Police-Sourced Info. to Users
United States of America	62/510,271	5/24/2017	RING - Composite 3D Face for Alerts
United States of America	62/510,754	5/25/2017	RING - Variable Pricing Based on Crime
United States of America	62/513,300	5/31/2017	RING - Parcel Delivery Prediction-based Theft Detection (Parcel Delivery Predictor)

United States of America	62/513,296	5/31/2017	RING - Localized, In-App Police Information & Suppressing Redundant Calls to Police
United States of America	62/514,904	6/4/2017	RING - Using Camera to Train PIR's to Filter
United States of America	62/516,493	6/7/2017	RING - Behavior Pattern Learning and Alerts
United States of America	62/516,270	6/7/2017	RING - Overlaying Sensor Data on Videos
United States of America	62/516,430	6/7/2017	RING - Two Cams, LR & HR, LR Positioning HR
United States of America	62/517,416	6/9/2017	RING - Identifying Suspicious Persons, Prov. #2
United States of America	62/518,468	6/12/2017	RING - Alarm Alerts
United States of America	62/519,114	6/13/2017	RING - Alarm Alerts 2
United States of America	62/519,866	6/15/2017	RING - Pinch/Pan to Digital Zoom
United States of America	62/521,865	6/19/2017	RING - Car Cam
United States of America	62/522,418	6/20/2017	RING - Two Cams, LR & HR, LR Positioning HR with Stitching
United States of America	62/523,771	6/23/2017	RING - Wi-Fi Protocol Enhancement Tech's... (ioter)
United States of America	62/524,612	6/25/2017	RING - Environmentally Conscious Packaging
United States of America	62/525,182	6/26/2017	RING - Facemask Plus Temperature
United States of America	62/526,207	6/28/2017	RING - Selecting Video Frame for Notification
United States of America	62/527,908	6/30/2017	RING - Augmented Reality Recording of Imaginary Visitors
United States of America	62/527,914	6/30/2017	RING - Negative Detection Alerts
United States of America	62/528,280	7/3/2017	RING - Multistorage streaming data for A/V surveillance and communications devices. (Local Recording)
United States of America	62/528,295	7/3/2017	RING - Systems and Methods for strengthening on-site operability of wireless security devices (Home Size Used to Obviate Cust. Svc. Issues)
United States of America	62/529,460	7/6/2017	RING - Camera Access Based on User Location
United States of America	62/531,616	7/12/2017	RING - Pre-roll image capture implemented by a power-

			limited security device (Pre-Roll with Still Images)
United States of America	62/532,646	7/14/2017	RING - Door Knocker
United States of America	62/533,631	7/17/2017	RING - AI Text REuropean Patentorting of Video and User Voting on Threat Level
United States of America	62/536,136	7/24/2017	RING - Migrating Devices to New Network
United States of America	62/682,658	6/8/2018	RING - Voice User Interface for Camera Device
United States of America	62/537,393	7/26/2017	RING - Missing Item/Person/Pet Locator System
United States of America	62/540,755	8/3/2017	RING - Security device with multi-mode backup data transmission (LoRa Backup)
United States of America	62/540,727	8/3/2017	RING - Still Images Used to Transition btw. Videos
United States of America	62/542,290	8/8/2017	RING - Leveraging Aerial Views for Cameras
United States of America	62/544,240	8/11/2017	RING - Arming System Based on Proximity to Event
United States of America	62/550,522	8/25/2017	RING - Floodlight Cam Functions
United States of America	62/550,976	8/28/2017	RING - Long Range Tags
United States of America	62/551,730	8/29/2017	RING - Audio/Video recording and communication devices with selectively positionalble filters (Polarizer)
United States of America	62/554,517	9/5/2017	RING - Solar Panel Recommender
United States of America	62/554,520	9/5/2017	RING - Doorbell Button Functions
United States of America	62/686,190	6/18/2018	RING - Audio Alerts thru Speaker Devices
United States of America	62/557,532	9/12/2017	RING - Sound-Initiated Setup / Recording Initiated by Light Activation
United States of America	62/560,649	9/19/2017	RING - Countdown
United States of America	62/560,608	9/19/2017	RING - Audio/Video recording and communication device condifugured for two-stEuropean Patent authentication (Two-StEuropean Patent Authentication)
United States of America	62/560,659	9/19/2017	RING - Alarm Settings Based on Direction of Movement

United States of America	62/560,664	9/19/2017	RING - Audio from Client Device
United States of America	62/563,286	9/26/2017	RING - Possum Mode
United States of America	62/563,915	9/27/2017	RING - Behaviour aware security systems and associated methods (Searching for Unusual or Suspicious Videos)
United States of America	62/568,750	10/5/2017	RING - Shortened Delay Based on Threat Level
United States of America	62/574,211	10/19/2017	RING - Button Press Alerts Based on Computer Vision
United States of America	62/574,212	10/19/2017	RING - People Only Notifications
United States of America	62/575,522	10/23/2017	RING - Smoke Detector Activates Camera
United States of America	62/576,713	10/25/2017	RING - Preventing Unauthorized Access to A/V recording and communication devices
United States of America	62/576,969	10/25/2017	RING - Sound output synchronization for networked devices
United States of America	62/577,401	10/26/2017	RING - Automatic alteration of this storage duration of a video containing evidence of crime
United States of America	62/579,111	10/30/2017	RING - Notifications for motion detected outside of a camera FOV of S/V recording and communication devices
United States of America	62/583,361	11/8/2017	RING - security devices with automated scene mode switching and associated methods
United States of America	62/690,192	6/26/2018	RING - Modifying Device Behavior Based on Location
United States of America	62/585,829	11/14/2017	RING - Audio output control for A/V recording and communication devices
United States of America	62/588,435	11/20/2017	RING - Smart Offline Alerts
United States of America	62/591,290	11/28/2017	RING - Animal siren control for A/V recording and communication devices
United States of America	62/592,269	11/29/2017	RING - Auto configuration for a motion detector of a security device
United States of America	62/592,888	11/30/2017	RING - Weight and imprint detection for floor mat devices

United States of America	62/593,000	11/30/2017	RING - Premises security system configured to provide audio simulating occupancy
United States of America	62/593,013	11/30/2017	RING - Location-Aware Parcel Tracking Devices
United States of America	62/593,093	11/30/2017	RING - Temporary Shared Users & Shared Alarm Notifications & Party Mode
United States of America	62/678,792	5/31/2018	RING - Occupancy-Based Arming of Security System
United States of America	62/593,097	11/30/2017	RING - Battery Operated Camera for Junction Box
United States of America	62/593,108	11/30/2017	RING - Two Cams, LR & HR, Stereoscope and 3D
United States of America	62/594,404	12/4/2017	RING - Siren activation for A/V recording and communications Devices
United States of America	62/595,384	12/6/2017	RING - Security device with images settings based on view mode
United States of America	62/595,729	12/7/2017	RING - sharing video footage from A/V recording and communication devices
United States of America	62/677,951	5/30/2018	RING - Suspect ID & Intruder Detection Using Client Device
United States of America	62/598,170	12/13/2017	RING - Moon-based alerts for A/V recording and communications devices
United States of America	62/677,453	5/29/2018	RING - Self-Configuring Security Devices
United States of America	62/598,375	12/13/2017	RING - Suggesting motion zones for A/V recording and communication devices
United States of America	62/598,732	12/14/2017	RING - Video upload in limited bandwidth
United States of America	62/677,276	5/29/2018	RING - Authorized User Profiles 2
United States of America	62/607,762	12/19/2017	RING - Barrier alerts using motion detection and communication devices
United States of America	62/675,984	5/24/2018	RING - Motion Analysis (Susp. Act. Det. Algo'ms.)
United States of America	62/608,328	12/20/2017	RING - Predictive switching between A/V recording and communication devices
United States of America	62/675,424	5/23/2018	RING - Audio-Based Notification Suppression

United States of America	62/608,642	12/21/2017	RING - Detection of gunshot based on audio data from a microphone
United States of America	62/674,727	5/22/2018	RING - Authorized User Profiles
United States of America	62/609,136	12/21/2017	RING - Verifying referred users of A/V recording and communications devices
United States of America	62/610,723	12/27/2017	RING - Controlling activation of multiple security systems
United States of America	62/675,141	5/22/2018	RING - Peephole Camera with Pre-Roll
United States of America	62/611,521	12/28/2017	RING - Identifying stolen products on sale on the Internet
United States of America	62/674,253	5/21/2018	RING - Dog Wakeup Device
United States of America	62/611,658	12/29/2017	RING - Video classifying tool with machine learning
United States of America	62/613,466	1/4/2018	RING - Integrating A/V recording and communication device data into criminal statistics
United States of America	62/614,049	1/5/2018	RING - Geographically focused posts of image data depicting suspicious activity
United States of America	62/614,980	1/8/2018	RING - Security device mounting system and security device assembly including the same
United States of America	62/615,407	1/9/2018	RING - Security device mounting system and security device assembly including the same
United States of America	62/615,893	1/10/2018	RING - Ultrasonic Audio for device setup
United States of America	62/615,854	1/10/2018	RING - Configuring alert settings for A/V recording and communication devices
United States of America	62/616,391	1/11/2018	RING - Motion sensing and power consumption control for A/V recording and communication devices
United States of America	62/616,993	1/12/2018	RING - New Visitor algorithm
United States of America	62/618,470	1/17/2018	RING - Collecting video evidence of a security event
United States of America	62/618,522	1/17/2018	RING - Intelligent Event Summary, Notifications, and Video Presentation for A/V recording and communications devices

United States of America	62/618,562	1/17/2018	RING - Temporary suppression of security event notifications
United States of America	62/620,238	1/22/2018	RING - Systems and methods for liquid emission responsive to detected entities
United States of America	62/620,724	1/23/2018	RING - Weather alerts based on audiovisual analysis
United States of America	62/620,867	1/23/2018	RING - Signalling device for emergency responders using data obtained from smart home hub device
United States of America	62/621,105	1/24/2018	RING - Plug device
United States of America	62/622,069	1/25/2018	RING - Share Realization Moments
United States of America	62/623,360	1/29/2018	RING - Low-Bandwidth Tracker with Secure Mode
United States of America	62/599,502	12/15/2017	RING - Time-Dependent State-Based Actions
United States of America	62/672,928	5/17/2018	RING - Pocket Notification Device (Ring Labs)
United States of America	62/612,371	12/30/2017	RING - No-Movement Notifications
United States of America	62/672,344	5/16/2018	RING - Mounting Bracket with Wireless Antenna
United States of America	62/613,808	1/5/2018	RING - Stitched FOV
United States of America	62/617,156	1/12/2018	RING - Computer Vision for Watering
United States of America	62/622,023	1/25/2018	RING - Automated Door Hinge
United States of America	62/622,395	1/26/2018	RING - Photo Recommendations
United States of America	62/623,292	1/29/2018	RING - Temporary Notification Suppression... 2
United States of America	62/623,840	1/30/2018	RING - Camera Tampering Based on Video (Susp. Act. Det. Algo's.ms.) (Ring Labs)
United States of America	62/672,338	5/16/2018	RING - Camera Tampering Protection
United States of America	62/623,852	1/30/2018	RING - Audio from Tampering with a Camera (Ring Labs)
United States of America	62/669,175	5/9/2018	RING - Adaptive Light Illumination
United States of America	62/624,041	1/30/2018	RING - License Plate Camera
United States of America	62/624,574	1/31/2018	RING - Veronika Data Visualization Tool

United States of America	62/625,048	2/1/2018	RING - Infrared Beacon Line-Break Sensor
United States of America	62/625,081	2/1/2018	RING - Overhead Sensor View and Device Selection
United States of America	62/625,801	2/2/2018	RING - Providing Occupancy Data to Firefighters
United States of America	62/668,993	5/9/2018	RING - In-App Notification Volume Control
United States of America	62/627,516	2/7/2018	RING - Smart Signs
United States of America	62/628,261	2/8/2018	RING - Fused & Adjustable FOV with PIRs & Camera
United States of America	62/628,732	2/9/2018	RING - Solar/Motion Algorithm
United States of America	62/630,663	2/14/2018	RING - Evacuation Alerts
United States of America	62/631,222	2/15/2018	RING - Open Door Alerts
United States of America	62/631,301	2/15/2018	RING - Zoom to Action
United States of America	62/631,862	2/18/2018	RING - Full-Screen Notifications
United States of America	62/669,102	5/9/2018	RING - Advertising-Based Cloud Storage
United States of America	62/632,522	2/20/2018	RING - Circumventing Do-Not-Disturb Mode in Emergencies
United States of America	62/632,535	2/20/2018	RING - Muting Mic for Siren
United States of America	62/632,557	2/20/2018	RING - Neighborhood Alarm
United States of America	62/668,740	5/8/2018	RING - Voice Authentication for Arming Security System via Phone
United States of America	62/632,778	2/20/2018	RING - Camera Monitoring for Businesses
United States of America	62/668,538	5/8/2018	RING - Multi-Press Capacitive Touch Faceplate (RVD V5)
United States of America	62/632,964	2/20/2018	RING - Device Settings Based on Threat Level
United States of America	62/632,971	2/20/2018	RING - LoRa + Sound for Location
United States of America	62/633,931	2/22/2018	RING - Client Device Location-Based Arming Notifications
United States of America	62/634,705	2/23/2018	RING - Smart Home Pet Finder
United States of America	62/634,714	2/23/2018	RING - Car Cam 2
United States of America	62/635,077	2/26/2018	RING - Using AR to Display Crime Locations

United States of America	62/636,417	2/28/2018	RING - Camera with Photo-Reactive Cover
United States of America	62/637,023	3/1/2018	RING - Video Evidence File Format & Auto-Generated Incident Report
United States of America	62/637,026	3/1/2018	RING - Parking Spot Notifications
United States of America	62/638,854	3/5/2018	RING - Crime Trend Tracking
United States of America	62/638,895	3/5/2018	RING - Near-Far Motion Detection
United States of America	62/668,152	5/7/2018	RING - Fresnel Blocking Film
United States of America	62/638,906	3/5/2018	RING - Keypad Picture ID Confirmation
United States of America	62/665,424	5/1/2018	RING - Opening App to Relevant Location for Multi-Location Users
United States of America	62/639,890	3/7/2018	RING - Disarm Alarm with TV Remote
United States of America	62/639,983	3/7/2018	RING - Name-Based Device Association
United States of America	62/640,363	3/8/2018	RING - Holographic Camouflage
United States of America	62/640,460	3/8/2018	RING - Drawing Attention to Talk Feature
United States of America	62/641,624	3/12/2018	RING - Chime Protect, Hub Device Functionality & Ring Net Nodes
United States of America	62/665,416	5/1/2018	RING - Motion Detection Algorithm (Ring Labs)
United States of America	62/641,679	3/12/2018	RING - Window Blinds Automation
United States of America	62/642,410	3/13/2018	RING - Default Camera
United States of America	62/664,908	4/30/2018	RING - Cyber Security for IoT Devices Using Security Hub
United States of America	62/644,001	3/16/2018	RING - Motion Zones Defined by Other Devices
United States of America	62/664,886	4/30/2018	RING - DIY Alarm Video Verification
United States of America	62/644,077	3/16/2018	RING - Doorbell Security Cover
United States of America	62/664,839	4/30/2018	RING - Driveway Camera System
United States of America	62/663,084	4/26/2018	RING - Exterior Lighting Based on Alarm Mode
United States of America	62/645,472	3/20/2018	RING - Smart Motion Alerts

United States of America	62/645,729	3/20/2018	RING - Authorization Request on Setup Button Press
United States of America	62/662,089	4/24/2018	RING - Hub as Proxy/Redundant Backend
United States of America	62/645,547	3/20/2018	RING - Continuous Machine Learning (Ring Labs)
United States of America	62/647,117	3/23/2018	RING - Color Night Vision / Mixed Color and B&W Cameras with RGBIR Sensors
United States of America	62/661,406	4/23/2018	RING - Multi-Antenna Beamforming
United States of America	62/660,299	4/20/2018	RING - Peer Network for Answering Doorbells
United States of America	62/648,279	3/26/2018	RING - Smart Lock with Wireless REuropean Patenteeater
United States of America	62/648,458	3/27/2018	RING - Halloween Mode
United States of America	62/648,535	3/27/2018	RING - Parked Car Push Notifications
United States of America	62/648,831	3/27/2018	RING - Sharing Multiple Videos
United States of America	62/660,103	4/19/2018	RING - Watchlist
United States of America	62/649,504	3/28/2018	RING - Custom and Automated Audio Prompts
United States of America	62/659,499	4/18/2018	RING - Battery Deviation Alerts
United States of America	62/649,766	3/29/2018	RING - Auxiliary Camera Device
United States of America	62/649,981	3/29/2018	RING - Crowdsourcing Audio Data for Detecting Gunshots
United States of America	62/659,468	4/18/2018	RING - Dual-Function Device Mount
United States of America	62/650,045	3/29/2018	RING - Local Offline Recording
United States of America	62/650,186	3/29/2018	RING - Device Response to Application Access
United States of America	62/659,232	4/18/2018	RING - Evacuation Area Videos
United States of America	62/650,780	3/30/2018	RING - Self-Charging Tracking Devices
United States of America	62/651,011	3/30/2018	RING - Video-Based Suggested Actions
United States of America	62/651,064	3/30/2018	RING - Customized Skin for Ring Devices
United States of America	62/651,411	4/2/2018	RING - Decibel Alerts
United States of America	62/651,413	4/2/2018	RING - Pushing Firmware from Application

United States of America	62/651,641	4/2/2018	RING - Reporting Missing Objects to Neighborhoods
United States of America	62/652,099	4/3/2018	RING - Using RSSI for Suppressing Motion Alerts
United States of America	62/652,140	4/3/2018	RING - Location Determination Using UWB Technology
United States of America	62/652,796	4/4/2018	RING - Activating All Cameras in an Area
United States of America	62/659,062	4/17/2018	RING - Distress Recognition During Disarming of Security System
United States of America	62/652,897	4/4/2018	RING - Parcel Lockbox
United States of America	62/653,841	4/6/2018	RING - Portable Camera for Monitoring Belongings
United States of America	62/654,081	4/6/2018	RING - Wireless Charging Mount
United States of America	62/654,140	4/6/2018	RING - ARKit
United States of America	62/654,931	4/9/2018	RING - AC Volt Meter with Load Testing
United States of America	62/655,771	4/10/2018	RING - Bicycle Stem Camera
United States of America	62/658,589	4/16/2018	RING - Face Recognition Algorithms
United States of America	62/658,992	4/17/2018	RING - Donate to Victim
United States of America	62/659,018	4/17/2018	RING - Light Switch Alarm Activation
United States of America	29/558,446	3/17/2016	RING - DoorBot, Design
United States of America	29/558,589	3/18/2016	RING - RVD V2, Design
United States of America	29/634,022	1/17/2018	RING - RVD V2, Design, CON3 (Akaso/Homscam)
United States of America	29/634,030	1/17/2018	RING - RVD V2, Design, CON5 (Akaso/Homscam)
United States of America	29/634,031	1/17/2018	RING - RVD V2, Design, CON4 (Akaso/Homscam)
United States of America	29/667,614	10/23/2018	RING - RVD V2, Design, (Akaso/Homscam) (US09CON)
United States of America	29/550,314	12/31/2015	RING - Stick Up Cam, Design
Canada	CA20160169223F	6/28/2016	RING - Stick Up Cam, Design
China	201630295403	6/30/2016	RING - Stick Up Cam, Design
United States of America	29/552,151	1/20/2016	RING - Range Modification, Design
United States of America	29/552,160	1/20/2016	RING - Zones Modification, Design

United States of America	29/558,148	3/15/2016	RING - RVD Pro, Design
Canada	170284	9/1/2016	RING - RVD Pro, Design
Australia	201615087	9/12/2016	RING - RVD Pro, Design
Korea, Republic of (KR)	30-2016-44701	9/12/2016	RING - RVD Pro, Design
China	201630493656	9/14/2016	RING - RVD Pro, Design
United States of America	29/608,060	6/19/2017	RING - RVD Pro, CON
United States of America	29/608,059	6/19/2017	RING - RVD Pro, CON
United States of America	29/653,720	6/18/2018	RING - RVD Pro, CON4
United States of America	29/563,578	5/5/2016	RING - Solar-Powered Sign (v.1) (Design, Octagon)
United States of America	29/563,580	5/5/2016	RING - Solar-Powered Sign (v.1) (Design, Square)
United States of America	29/563,585	5/5/2016	RING - Solar-Powered Sign (v.1) (Design, Round)
United States of America	29/563,929	5/9/2016	RING - Chime, Design
United States of America	29/566,096	5/26/2016	RING - Solar-Powered Sign v.2 (Design, Octagon)
United States of America	29/566,098	5/26/2016	RING - Solar-Powered Sign v.2 (Design, Square)
United States of America	29/566,100	5/26/2016	RING - Solar-Powered Sign v.2 (Design, Round)
United States of America	29/571,280	7/15/2016	RING - Solar-Powered Sign v.3 (Design, Octagon)
Canada	170931	10/11/2016	RING - Solar-Powered Sign v.3 (Design, Octagon)
Mexico	MX/f/2016/003201	10/14/2016	RING - Solar-Powered Sign v.3 (Design, Octagon)
Korea, Republic of (KR)	30-2016-49788	10/18/2016	RING - Solar-Powered Sign v.3 (Design, Octagon)
Australia	201616191	11/3/2016	RING - Solar-Powered Sign v.3 (Design, Octagon)
Uruguay	4524	11/4/2016	RING - Solar-Powered Sign v.3 (Design, Octagon) (UY)
Argentina	90918	11/8/2016	RING - Solar-Powered Sign v.3 (Design, Octagon)
China	201630541558	11/8/2016	RING - Solar-Powered Sign v.3 (Design, Octagon)
European Union	3463272-0001	11/14/2016	RING - Solar-Powered Sign v.3 (Design, Octagon)
European Union	3463272-0002	11/14/2016	RING - Solar-Powered Sign v.3 (Design, Octagon)
Brazil	302016005672-2	12/7/2016	RING - Solar-Powered Sign v.3 (Design, Octagon, Square, Round)

Japan	2016-026557	12/7/2016	RING - Solar-Powered Sign v.3 (Design, Octagon)
Peru	2724-2016	12/14/2016	RING - Solar-Powered Sign v.3 (Design, Octagon)
Russian Federation	2016505385	12/27/2016	RING - Solar-Powered Sign v.3 (Design, Octagon) (RUSSIA)
United States of America	29/624,007	10/29/2017	RING - Solar-Powered Sign v.3, CON1 (Design, Octagon) (US02CON)
India	288652	11/17/2016	RING - Solar-Powered Sign v.2 (Design, Octagon)
United States of America	29/571,283	7/15/2016	RING - Solar-Powered Sign v.3 (Design, Round)
United States of America	29/624,011	10/29/2017	RING - Solar-Powered Sign v.3, CON1 (Design, Round) (US02CON)
Brazil	BR322018000004-0	12/7/2016	RING - Solar-Powered Sign v.3 (Design, Round) (BR02)
Brazil	BR322018000003-2	12/7/2016	RING - Solar-Powered Sign v.3 (Design, Round) (BR01)
United States of America	29/571,285	7/15/2016	RING - Solar-Powered Sign v.3 (Design, Square)
United States of America	29/627,882	11/30/2017	RING - Solar-Powered Sign v.3 Design Square (US02CON)
United States of America	29/571,957	7/22/2016	RING - Chime Pro, Design
Australia	201710333	1/9/2017	RING - Chime Pro, Design
Japan	2017-000367	1/12/2017	RING - Chime Pro, Design
Canada	172650	1/12/2017	RING - Chime Pro, Design
Mexico	2017/000140	1/13/2017	RING - Chime Pro, Design
European Union	3655232	1/18/2017	RING - Chime Pro, Design
Korea, Republic of (KR)	30-2017-0003305	1/19/2017	RING - Chime Pro, Design
United States of America	29/633,855	1/16/2018	RING - Chime Pro, Design, CON1
China	201730019531.X	1/19/2017	RING - Chime Pro, Design (CN)
United States of America	29/577,668	9/14/2016	RING - RVD Elite v.1, Design
Canada	173431	3/6/2017	RING - RVD Elite v.1, Design
European Union	3791169-0001	3/9/2017	RING - RVD Elite v.1, Design
Japan	2017-004935	3/10/2017	RING - RVD Elite v.1, Design
Korea, Republic of (KR)	30-2017-0011681	3/13/2017	RING - RVD Elite v.1, Design
Australia	201711463	3/14/2017	RING - RVD Elite v.1, Design
China	201730073313	3/14/2017	RING - RVD Elite v.1, Design
Mexico	MX/f/2017/000771	3/13/2017	RING - RVD Elite v.1, Design (Mexico)
United States of America	29/583,174	11/2/2016	RING - Floodlight Cam, Design
Canada	174443	4/26/2017	RING - Floodlight Cam, Design

Australia	201712476	4/28/2017	RING - Floodlight Camera, Design
Korea, Republic of (KR)	30-2017-0020180	4/28/2017	RING - Floodlight Cam, Design
Mexico	MX/f/2017/001192	4/28/2017	RING - Floodlight Cam, Design (Mexico)
China	201730154716	5/2/2017	RING - Floodlight Cam, Design
Japan	2017-009731	5/2/2017	RING - Floodlight Cam, Design
United States of America	29/621.249	10/5/2017	RING - Floodlight Cam, Design, CON1
Japan	2018-003309	2/19/2018	RING - Floodlight Camera, Design, CON1 (JP02)
United States of America	29/648,606	5/22/2018	RING - Floodlight Cam, Design (US03CON)
United States of America	29/587,654	12/14/2016	RING - RVD Elite v.2, Design
Canada	175194	6/1/2017	RING - RVD Elite v.2, Design
European Union	4030104	6/2/2017	RING - RVD Elite v.2, Design
Mexico	MX/f/2017/001553	6/5/2017	RING - RVD Elite v.2, Design
Korea, Republic of (KR)	30-2017-0025985	6/8/2017	RING - RVD Elite v.2, Design
Australia	201713532	6/13/2017	RING - RVD Elite v.2, Design
Japan	2017-012651	6/13/2017	RING - RVD Elite v.2, Design
China	201730241727	6/14/2017	RING - RVD Elite v.2, Design
United States of America	29/621,250	10/5/2017	RING - RVD Elite v.2, Design, CON1
United States of America	29/674,341	12/20/2018	RING - RVD Elite v.2, Design (US03CON)
United States of America	29/595,337	2/27/2017	RING - RVD V4, Design (RVD 2)
Canada	176173	8/1/2017	RING - RVD V4, Design (RVD 2)
Japan	2017-17543	8/15/2017	RING - RVD V4, Design (RVD 2)
India	296798	8/19/2017	RING - RVD V4, Design (RVD 2)
South Africa	A2017/01306	8/21/2017	RING - RVD V4, Design (RVD 2)
Australia	201714919	8/21/2017	RING - RVD V4, Design (RVD 2)
Mexico	MX/f/2017/002528	8/23/2017	RING - RVD V4, Design (RVD 2)
Colombia	NC2017/0008576	8/24/2017	RING - RVD V4, Design (RVD 2)
Taiwan	106304902	8/24/2017	RING - RVD V4, Design (RVD 2)
China	201730396247	8/25/2017	RING - RVD V4, Design (RVD 2)
Indonesia	A00201702074	8/25/2017	RING - RVD V4, Design (RVD 2)
Peru	001467-2017/DIN	8/25/2017	RING - RVD V4, Design (RVD 2)
Philippines	3-2017-000724	8/25/2017	RING - RVD V4, Design (RVD 2)
Korea, Republic of (KR)	30-2017-0039733	8/25/2017	RING - RVD V4, Design (RVD 2)
United States of America	29/637,290	2/15/2018	RING - RVD V4, Design (RVD 2), CON1
United States of America	29/637,291	2/15/2018	RING - RVD V4, Design (RVD 2)
United States of America	29/654,872	6/28/2018	RING - RVD V4, Design (RVD 2)

United States of America	29/595,956	3/3/2017	RING - Solar Bracket for RVD, Design
Mexico	2017/002473	8/16/2017	RING - Solar Bracket for RVD, Design
Canada	176536	8/17/2017	RING - Solar Bracket for RVD, Design (CA)
Korea, Republic of (KR)	30-2017-0039021	8/22/2017	RING - Solar Bracket for RVD, Design - KR
European Union	004157907-0001	8/22/2017	RING - Solar Bracket for RVD, Design
India	296893	8/22/2017	RING - Solar Bracket for RVD, Design
Australia	201715035	8/25/2017	RING - Solar Bracket for RVD, Design
Japan	2017-018420	8/28/2017	RING - Solar Bracket for RVD, Design
South Africa	A2017/01376	8/28/2017	RING - Solar Bracket for RVD, Design (ZA)
Taiwan	106305011	8/30/2017	RING - Solar Bracket for RVD, Design
Indonesia	A00201702144	8/31/2017	RING - Solar Bracket for RVD, Design (ID)
China	201730411666	9/1/2017	RING - Solar Bracket for RVD, Design
Colombia	NC2017/0009011	9/1/2017	RING - Solar Bracket for RVD, Design
Peru	001489-2017	9/1/2017	RING - Solar Bracket for RVD, Design
Philippines	3-2017-000751	9/4/2017	RING - Solar Bracket for RVD, Design
United States of America	29/702,207	8/16/2019	RING - Solar Bracket for RVD, Design (US03CON)
United States of America	29/601,059	4/18/2017	RING - Spotlight Cam Wired Mounting Assembly, Design
Australia	201715587	9/14/2017	RING - Spotlight Cam Wired Mounting Assembly, Design
Canada	177172	9/25/2017	RING - Spotlight Cam Wired Mounting Assembly, Design
Taiwan	106305831	9/29/2017	RING - Spotlight Cam Wired Mounting Assembly, Design
Japan	2017-022892	10/17/2017	RING - Spotlight Cam Wired Mounting Assembly, Design
China	201730495367.X	10/18/2017	RING - Spotlight Cam Wired Mounting Assembly, Design
United States of America	29/601,061	4/18/2017	RING - Spotlight Cam Wired Mounting Assembly Adapter, Design

Australia	201715588	9/14/2017	RING - Spotlight Cam Wired Mounting Assembly Adapter, Design
Canada	CA177174	9/25/2017	RING - Spotlight Cam Wired Mounting Assembly Adapter, Design
Taiwan	106305830	9/29/2017	RING - Spotlight Cam Wired Mounting Assembly Adapter, Design
Mexico	MX/f/2017/003165	10/16/2017	RING - Spotlight Cam Wired Mounting Assembly Adapter, Design
Japan	2017-022893	10/17/2017	RING - Spotlight Cam Wired Mounting Assembly Adapter, Design
Korea, Republic of (KR)	30-2017-0048133	10/17/2017	RING - Spotlight Cam Wired Mounting Assembly Adapter, Design
China	201730495372	10/18/2017	RING - Spotlight Cam Wired Mounting Assembly Adapter, Design
United States of America	29/603,240	5/8/2017	RING - Spotlight Cam Battery, Design
Canada	177173	9/25/2017	RING - Spotlight Cam Battery, Design
Brazil	302017004249-0	9/27/2017	RING - Spotlight Cam Battery, Design
South Africa	A2017/01548	9/27/2017	RING - Spotlight Cam Battery, Design - ZA
Taiwan	106305829	9/29/2017	RING - Spotlight Cam Battery, Design
Korea, Republic of (KR)	30-2017-0048134	10/17/2017	RING - Spotlight Cam Battery, Design
Japan	2017-023018	10/18/2017	RING - Spotlight Cam Battery, Design
Philippines	3-2017-000989	10/25/2017	RING - Spotlight Cam Battery, Design
China	201730514342.X	10/26/2017	RING - Spotlight Cam Battery, Design
Australia	201716631	11/1/2017	RING - Spotlight Cam Battery, Design
Peru	2373-2017/DIN	11/6/2017	RING - Spotlight Cam Battery, Design
United States of America	29/632,689	1/9/2018	RING - Spotlight Cam Battery, Design, CON1
United States of America	29/663,610	9/17/2018	RING - Spotlight Cam Battery, Design (US03CON)
United States of America	29/680,402	2/15/2019	RING - Spotlight Cam Battery, Design (US04DIV)

United States of America	29/680,414	2/15/2019	RING - Spotlight Cam Battery, Design (US05DIV)
United States of America	29/700,577	8/2/2019	RING - Spotlight Cam Battery, Design (US06DIV)
United States of America	29/700,582	8/2/2019	RING - Spotlight Cam Battery, Design (US07DIV)
United States of America	29/607,936	6/17/2017	RING - RVD V4, Design, CIP (RVD 2)
United States of America	29/637,324	2/15/2018	RING - RVD V4, Design, CIP (RVD 2), CON1
United States of America	29/637,325	2/15/2018	RING - RVD V4, Design, CIP (RVD 2), CON2
United States of America	29/610,432	7/12/2017	RING - Battery Pack, Design
Australia	201717537	12/8/2017	RING - Battery Pack, Design
Korea, Republic of (KR)	30-2017-0057946	12/8/2017	RING - Battery Pack, Design
Japan	2017-027865	12/13/2017	RING - Battery Pack, Design
Canada	178629	12/14/2017	RING - Battery Pack, Design
United States of America	29/662,627	9/6/2018	RING - Battery Pack, Design (US02CON)
United States of America	29/610,934	7/17/2017	RING - Spotlight Cam Wired, Design
Australia	201717677	12/14/2017	RING - Spotlight Cam Wired, Design
India	IND300272	12/11/2017	RING - Spotlight Cam Wired, Design
Canada	178630	12/14/2017	RING - Spotlight Cam Wired, Design
Mexico	MX/f/2017/004168	12/19/2017	RING - Spotlight Cam Wired, Design
Japan	2017-28407	12/20/2017	RING - Spotlight Cam Wired, Design
Korea, Republic of (KR)	30-2017-0060387	12/20/2017	RING - Spotlight Cam Wired, Design
Taiwan	107300035	1/4/2018	RING - Spotlight Cam Wired, Design
Colombia	NC2018/0000206	1/11/2018	RING - Spotlight Cam Wired, Design
South Africa	A2018/00047	1/12/2018	RING - Spotlight Cam Wired, Design
China	201830016709	1/15/2018	RING - Spotlight Cam Wired, Design
Peru	000080-2018/DIN	1/15/2018	RING - Spotlight Cam Wired, Design
Philippines	3-2018-000039	1/16/2018	RING - Spotlight Cam Wired, Design
United States of America	29/669,220	11/6/2018	RING - Spotlight Cam Wired, Design (US02CON)

United States of America	29/617,861	9/15/2017	RING - Ring Alarm D&W Sensor, Design
Korea, Republic of (KR)	30-2018-0004925	1/29/2018	RING - Ring Alarm D&W Sensor, Design
Canada	179095	1/16/2018	RING - Ring Alarm D&W Sensor, Design
Taiwan	107300596	1/30/2018	RING - Ring Alarm D&W Sensor, Design
Australia	201811379	3/8/2018	RING - Ring Alarm D&W Sensor, Design
China	201830092395	3/13/2018	RING - Ring Alarm D&W Sensor, Design
Japan	2018-5250	3/14/2018	RING - Ring Alarm D&W Sensor, Design
Japan	2018-25824	3/14/2018	RING - Ring Alarm D&W Sensor, Design #2
United States of America	29/672,910	12/10/2018	RING - Ring Alarm D&W Sensor, Design (US02DIV)
United States of America	29/617,865	9/15/2017	RING - Ring Alarm Hub, Design
Canada	179332	1/30/2018	RING - Ring Alarm Hub, Design
Taiwan	107300594	1/30/2018	RING - Ring Alarm Hub, Design
Australia	201811386	3/8/2018	RING - Ring Alarm Hub, Design
China	201830088168	3/9/2018	RING - Ring Alarm Hub, Design
Korea, Republic of (KR)	30-2018-0004927	1/29/2018	RING - Ring Alarm Hub, Design
United States of America	29/617,866	9/15/2017	RING - Ring Alarm Keypad, Design
Canada	179156	1/22/2018	RING - Ring Alarm Keypad, Design
Korea, Republic of (KR)	30-2018-0004926	1/29/2018	RING - Ring Alarm Keypad, Design
Taiwan	107300595	1/30/2018	RING - Ring Alarm Keypad, Design
Australia	201811380	3/8/2018	RING - Ring Alarm Keypad, Design
China	201830092395	3/13/2018	RING - Ring Alarm Keypad, Design
United States of America	29/678,523	1/29/2019	RING - Ring Alarm Keypad, Design (US02CON)
United States of America	29/696,899	7/2/2019	RING - Ring Alarm Keypad, Design (US03CON)
United States of America	29/617,868	9/15/2017	RING - Ring Alarm Network Extender, Design
Canada	179250	1/26/2018	RING - Ring Alarm Network Extender, Design
Korea, Republic of (KR)	30-2018-0004928	1/29/2018	RING - Ring Alarm Network Extender, Design
Taiwan	107300593	1/30/2018	RING - Ring Alarm Network Extender, Design

Australia	201811385	3/8/2018	RING - Ring Alarm Network Extender, Design
China	201830088170	3/9/2018	RING - Ring Alarm Network Extender, Design (CN01)
United States of America	29/618,707	9/22/2017	RING - Angled Adapter for FLC, Design
United States of America	29/618,543	9/21/2017	RING - Sleeve for Stick Up Cam, Design
United States of America	29/621,448	10/9/2017	RING - In-Store Display, Design, Emb 1
United States of America	29/621,449	10/9/2017	RING - In-Store Display, Design, Emb 2
United States of America	29/622,167	10/14/2017	RING - Solar Bracket for RVD 2, Design
Australia	201812096	4/10/2018	RING - Solar Bracket for RVD 2, Design (Australia)
Canada	180770	4/9/2018	RING - Solar Bracket for RVD 2, Design (Canada)
China	201830154519	4/16/2018	RING - Solar Bracket for RVD 2, Design (China)
Korea, Republic of (KR)	30-2018-0017419	4/13/2018	RING - Solar Bracket for RVD 2, Design (Republic of Korea)
United States of America	29/702,210	8/16/2019	RING - Solar Bracket for RVD 2, Design (US03CON)
United States of America	29/623,299	10/24/2017	RING - Ring Alarm Flood & Freeze Sensor, Design
Canada	180415	3/22/2018	RING - Ring Alarm Flood & Freeze Sensor, Design
Korea, Republic of (KR)	30-2018-0014426	3/27/2018	RING - Ring Alarm Flood & Freeze Sensor, Design
China	201830126858	4/2/2018	RING - Ring Alarm Flood & Freeze Sensor, Design
Australia	201812216	4/16/2018	RING - Ring Alarm Flood & Freeze Sensor, Design
Japan	2018-8849	4/23/2018	RING - Ring Alarm Flood & Freeze Sensor, Design
Taiwan	107302157	4/18/2018	RING - Ring Alarm Flood & Freeze Sensor, Design
United States of America	29/623,329	10/24/2017	RING - Ring Alarm Siren, Design
Canada	180396	3/21/2018	RING - Ring Alarm Siren, Design
Korea, Republic of (KR)	30-2018-0014424	3/27/2018	RING - Ring Alarm Siren, Design
China	201830148192	4/12/2018	RING - Ring Alarm Siren, Design
Mexico	MX/f/2018/001098	4/16/2018	RING - Ring Alarm Siren, Design
Australia	201812328	4/19/2018	RING - Ring Alarm Siren, Design
Japan	2018-8847	4/23/2018	RING - Ring Alarm Siren, Design
Taiwan	107302155	4/18/2018	RING - Ring Alarm Siren, Design
United States of America	29/623,306	10/24/2017	RING - Ring Alarm Smoke & CO Sensor, Design

Canada	180416	3/22/2018	RING - Ring Alarm Smoke & CO Sensor, Design
Korea, Republic of (KR)	30-2018-0014425	3/27/2018	RING - Ring Alarm Smoke & CO Sensor, Design
China	201830148170	4/12/2018	RING - Ring Alarm Smoke & CO Sensor, Design
Australia	201812217	4/16/2018	RING - Ring Alarm Smoke & CO Sensor, Design
Mexico	MX/f/2018/001099	4/16/2018	RING - Ring Alarm Smoke & CO Sensor, Design
Japan	2018-8848	4/23/2018	RING - Ring Alarm Smoke & CO Sensor, Design
Taiwan	107302156	4/18/2018	RING - Ring Alarm Smoke & CO Sensor, Design
United States of America	29/632,538	1/8/2018	RING - Lunar, Design
Australia	201813984	7/6/2018	RING - Lunar, Design (Australia)
China	201830366364	7/9/2018	RING - Lunar, Design (China)
Taiwan	107303896	7/6/2018	RING - Lunar, Design (Taiwan)
Taiwan	107303896D02	7/6/2018	RING - Lunar, Design (Taiwan) (TW02DIV)
United States of America	29/632,541	1/8/2018	RING - Stick Up Cam Wired, Design
Australia	201813986	7/6/2018	RING - Stick Up Cam Wired, Design - AU
Taiwan	107303896D03	7/6/2018	RING - Stick Up Cam Wired, Design - TW
Taiwan	107303896D01	7/6/2018	RING - Stick Up Cam Wired, Design (TW02DIV)
United States of America	29/632,749	1/9/2018	RING - Stick Up Cam Wired, Design
United States of America	29/632,743	1/9/2018	RING - Lunar, Design 2
Canada	182376	7/6/2018	RING - Lunar, Design 2 (Canada)
Japan	2018-15106	7/9/2018	RING - Lunar, Design 2 (Japan) (JP02)
Japan	2018-15105	7/9/2018	RING - Lunar, Design 2 (Japan)
Korea, Republic of (KR)	30-2018-0031459	7/9/2018	RING - Lunar, Design 2 (Korea)
South Africa	A2018/01051	7/9/2018	RING - Lunar, Design 2 (South Africa)
South Africa	A2018/01052	7/9/2018	RING - Lunar, Design 2 (South Africa)
South Africa	A2018/01053	7/9/2018	RING - Lunar, Design 2 (South Africa)
South Africa	A2018/01054	7/9/2018	RING - Lunar, Design 2 (South Africa)
Japan	2019-2049	7/9/2018	RING - Lunar, Design 2 (Japan) (JP03)
Japan	2019-10635	5/16/2019	RING - Lunar, Design 2 (JP04DIV)

United States of America	29/632,754	1/9/2018	RING - Stick Up Cam Wired, Design 2
Japan	2018-15107	7/9/2018	RING - Stick Up Cam Wired, Design 2 - JP
Japan	2018-15108	7/9/2018	RING - Stick Up Cam Wired, Design 2 (JP02)
Korea, Republic of (KR)	30-2018-0031460	7/6/2018	RING - Stick Up Cam Wired, Design 2 - KR
Canada	182375	7/6/2018	RING - Stick Up Cam Wired, Design 2 - CA
South Africa	A2018/01047	7/9/2018	RING - Stick Up Cam Wired, Design 2 - ZA
South Africa	A2018/01048	7/9/2018	RING - Stick Up Cam Wired, Design 2 (ZA02)
South Africa	A2018/01049	7/9/2018	RING - Stick Up Cam Wired, Design 2 (ZA03)
South Africa	A2018/01050	7/9/2018	RING - Stick Up Cam Wired, Design 2 (ZA04)
Japan	2019-2050	7/9/2018	RING - Stick Up Cam Wired, Design 2 (JP03DIV)
United States of America	29/704,053	8/30/2019	RING - Stick Up Cam Wired (US02DIV)
Japan	2019-10633	5/16/2019	RING - Stick Up Cam Wired, Design 2 (JP04DIV)
United States of America	29/643,817	4/12/2018	RING - RVD Pro V3, Design
Australia	201816060	10/11/2018	RING - RVD Pro V3, Design (AU)
Canada	183962	10/9/2018	RING - RVD Pro V3, Design (CA)
China	201830570161	10/12/2018	RING - RVD Pro V3, Design (CN)
Korea, Republic of (KR)	30-2018-46929 (M001)	10/12/2018	RING - RVD Pro V3, Design (KR)
Taiwan	107306017	10/11/2018	RING - RVD Pro V3, Design (TW)
Australia	201816062	10/11/2018	RING - RVD Pro V3, Design (AU02)
Korea, Republic of (KR)	30-2018-46929 (M002)	10/12/2018	RING - RVD Pro V3, Design (KR02)
United States of America	29/680,235	2/14/2019	RING - RVD Pro V3, Design (US02CON)
Taiwan	107306017D01	10/11/2018	RING - RVD Pro V3, Design (TW02DIV)
United States of America	29/553,591	2/3/2016	RING - Spotlight
China	201630054968	2/29/2016	RING - Spotlight
United States of America	29/611,125	7/19/2017	RING - Motion Sensor, Design
China	201730651263	12/19/2017	RING - Motion Sensor, Design
Canada	179287	1/17/2018	RING - Motion Sensor, Design
Japan	2018-000854	1/18/2018	RING - Motion Sensor, Design
Australia	201810283	1/18/2018	RING - Motion Sensor, Design

Korea, Republic of (KR)	30-2018-0003425	1/19/2018	RING - Motion Sensor, Design (Korea)
United States of America	29/674,788	12/26/2018	RING - Motion Sensor, Design (US02CON)
United States of America	29/611,128	7/19/2017	RING - Spotlight, Design
China	201730651124	12/19/2017	RING - Spotlight, Design
European Union	004602001-0001	1/8/2018	RING - Spotlight, Design
Canada	179286	1/17/2018	RING - Spotlight, Design (CA)
Taiwan	107300297	1/17/2018	RING - Spotlight, Design (TW)
Japan	2018-000855	1/18/2018	RING - Spotlight, Design
Australia	201810284	1/18/2018	RING - Spotlight, Design
Korea, Republic of (KR)	30-2018-3426	1/19/2018	RING - Spotlight, Design (KR)
United States of America	29/611,134	7/19/2017	RING - Step Light, Design
China	201730651122	12/19/2017	RING - Step Light, Design
Canada	179285	1/17/2018	RING - Step Light, Design (CA)
Taiwan	107300298	1/17/2018	RING - Step Light, Design (TW)
Japan	2018-000856	1/18/2018	RING - Step Light, Design
Australia	201810285	1/18/2018	RING - Step Light, Design
Korea, Republic of (KR)	30-2018-0003429	1/19/2018	RING - Step Light, Design (KR)
United States of America	29/607,373	6/13/2017	RING - Path Light, Design
China	201730556378	11/13/2017	RING - Path Light, Design
United States of America	29/607,369	6/13/2017	RING - Compact Night Light, Design
China	201730556336	11/13/2017	RING - Compact Night Light, Design
United States of America	29/632,480	1/8/2018	RING - Ring Beams Floodlight (C5000), Design
Australia	201813988	7/6/2018	RING - Ring Beams Floodlight (C5000), Design (Australia)
Canada	182187	7/3/2018	RING - Ring Beams Floodlight (C5000), Design (Canada)
China	201830366750	7/9/2018	RING - Ring Beams Floodlight (C5000), Design (China)
Japan	2018-014934	7/5/2018	RING - Ring Beams Floodlight (C5000), Design (Japan)
Korea, Republic of (KR)	30-2018-31146	7/6/2018	RING - Ring Beams Floodlight (C5000), Design (Korea)
Taiwan	107303875	7/6/2018	RING - Ring Beams Floodlight (C5000), Design (Taiwan)
Australia	201915024	9/2/2019	DESIGN - RING - Ring Beams Floodlight (C5000) - AU
Australia	201915027	9/2/2019	DESIGN - RING - Ring Beams Floodlight (C5000) (AU02)
United States of America	29/632,500	1/8/2018	RING - Ring Beams Floodlight (C3500), Design

Australia	201813994	7/6/2018	RING - Ring Beams Floodlight (C3500), Design (Australia)
Canada	182185	7/3/2018	RING - Ring Beams Floodlight (C3500), Design (Canada)
China	201830367163	7/9/2018	RING - Ring Beams Floodlight (C3500), Design (China)
Japan	2018-014935	7/5/2018	RING - Ring Beams Floodlight (C3500), Design (Japan)
Korea, Republic of (KR)	30-2018-31147	7/6/2018	RING - Ring Beams Floodlight (C3500), Design (Korea)
Taiwan	107303876	7/6/2018	RING - Ring Beams Floodlight (C3500), Design (Taiwan)
United States of America	29/632,539	1/8/2018	RING - Ring Beams Floodlight (MB3400), Design
Australia	201813995	7/6/2018	RING - Ring Beams Floodlight (MB3400), Design (Australia)
Canada	182186	7/3/2018	RING - Ring Beams Floodlight (MB3400), Design (Canada)
China	201830367569	7/9/2018	RING - Ring Beams Floodlight (MB3400), Design (China)
Korea, Republic of (KR)	30-2018-31148	7/6/2018	RING - Ring Beams Floodlight (MB3400), Design (Korea)
Japan	2018-014936	7/5/2018	RING - Ring Beams Floodlight (MB3400), Design (Japan)
Taiwan	107303877	7/6/2018	RING - Ring Beams Floodlight (MB3400), Design (Taiwan)
United States of America	29/455,578	5/22/2013	RING - Spotlight
United States of America	29/522,074	3/27/2015	RING - Spotlight - CON1
United States of America	29/459,266	6/27/2013	RING - DoorBot, Design
United States of America	29/459,268	6/27/2013	RING - DoorBot, Design
United States of America	29/467,429	9/19/2013	RING - Spotlight
European Union	2426619-0001	3/17/2014	RING - Spotlight
United States of America	29/488,869	4/24/2014	RING - Mini night light
United States of America	29/521,287	3/23/2015	RING - Portion of a mini night light - DIV
United States of America	29/494,447	6/20/2014	RING - Path light
United States of America	29/532,244	7/2/2015	RING - Compact path light
China	201530569182.x	12/31/2015	RING - Compact path light
United States of America	29/582,008	10/24/2016	RING - Slim light, Design
China	201630594962	12/6/2016	RING - Slim Light, Design

United States of America	29/544,811	11/6/2015	RING - Spotlight
China	201530522156	12/11/2015	RING - Spotlight
United States of America	29/544,815	11/6/2015	RING - Ceiling light
China	201630014260	1/15/2016	RING - Ceiling light
United States of America	29/563,015	5/2/2016	RING - Portable night light
China	201630328122	7/18/2016	RING - Portable night light
China	201830627366	11/7/2018	RING - Spotlight Cam Wired Wall Plate, Design - CN
United States of America	29/648,047	5/17/2018	RING - Spotlight Cam Wired Wall Plate, Design
China	201830627612	11/7/2018	RING - Spotlight Cam Wired Ceiling Mount, Design - CN
United States of America	11/692,075	3/27/2007	RING - Wireless lighting
United States of America	13/469,705	5/11/2012	RING - Motion activated off grid led light
United States of America	15/145,415	5/3/2016	RING - Network of motion sensor lights with synchronized operation
United States of America	15/486,129	4/12/2017	RING - Cloud connected lighting system
United States of America	15/827,611	11/30/2017	RING - Cloud-Connected Off-Grid Lighting and Video System
United States of America	16/022,529	6/28/2018	RING - Cloud-Connected Off-Grid Lighting and Video System
United States of America	12/903,273	10/13/2010	RING - Remote switch sensing in lighting devices
United States of America	13/949,856	7/24/2013	RING - Remote switch sensing in lighting devices
United States of America	14/974,573	12/18/2015	RING - Standby switch sense emergency lighting device
United States of America	12/827,574	6/30/2010	RING - Wireless emergency lighting system
United States of America	13/928,106	6/26/2013	RING - Integrated power outage lighting system controller
United States of America	14/284,122	5/21/2014	RING - Wireless lighting network with external remote control (US03CON)
United States of America	13/315,414	12/9/2011	RING - Grid shifting system for a lighting circuit
United States of America	14/627,214	2/20/2015	RING - Coordinated autonomous network of grid powered lighting devices
United States of America	15/147,422	5/5/2016	RING - Coordinated network of autonomous off grid powered lighting devices

United States of America	15/726,196	10/5/2017	RING - Wireless lighting system with camera operation
United States of America	15/876,040	1/19/2018	RING - Wirelessly Controllable Lighting Module
United States of America	15/905,475	2/26/2018	RING - Motion Sensitive Communication Device for Controlling Lighting
United States of America	15/905,550	2/26/2018	RING - Motion Sensitive Communication Device for Controlling IR Lighting
United States of America	15/905,581	2/26/2018	RING - Video on Demand for Communication Devices
United States of America	15/983,515	5/18/2018	RING - Wireless lighting system with camera operation
United States of America	16/226,305	12/19/2018	RING - Motion Sensitive Communication Device for Controlling IR Lighting (US11CON)
United States of America	12/626,640	11/26/2009	RING - Wireless lighting devices and applications
United States of America	13/231,822	9/13/2011	RING - Switch sensing emergency lighting device
United States of America	13/247,620	9/28/2011	RING - Switch sensing emergency lighting power supply
United States of America	13/267,851	10/6/2011	RING - Power outage detector and transmitter
United States of America	13/283,468	10/27/2011	RING - Off-grid led power failure lights
United States of America	13/309,196	12/1/2011	RING - Lighting wall switch with power failure capability
United States of America	13/335,014	12/22/2011	RING - Wireless power inverter for lighting
United States of America	13/789,570	3/7/2013	RING - Detection and wireless control for auxiliary emergency lighting
United States of America	14/974,521	12/18/2015	RING - Grid connected coordinated lighting adapter
United States of America	12/772,563	5/3/2010	RING - Wireless lighting devices and grid-shifting applications
China	201180033264	5/2/2011	RING - Wireless lighting devices and grid-shifting applications
United States of America	13/723,803	12/21/2012	RING - Distributed energy management using grid-shifting devices
United States of America	12/942,134	11/9/2010	RING - Autonomous grid shifting lighting device
United States of America	14/468,821	8/26/2014	RING - Battery backup motion sensing lighting device

United States of America	14/740,833	6/16/2015	RING - Line protection and coupling circuit for switch sensing devices
United States of America	15/215,001	7/20/2016	RING - Cloud connected motion sensor lighting grid
Canada	2744709	11/26/2009	RING - Wireless lighting devices and applications
Canada	2957199	11/26/2009	RING - Wireless lighting devices and applications (CA02)
European Patent	9829824	11/26/2009	RING - Wireless lighting devices and applications
France	9829824	11/26/2009	RING - Wireless Lighting Devices and Applications (NetBright) - FR
Germany (Federal Republic of)	9829824	11/26/2009	RING - Wireless Lighting Devices and Applications (NetBright) - DE
United Kingdom	9829824	11/26/2009	RING - Wireless Lighting Devices and Applications (NetBright) - GB
United States of America	11/847,509	8/30/2007	RING - Wireless light bulb
India	772/KOLNP/2010	3/1/2010	RING - Wireless light bulb
United States of America	14/164,548	1/27/2014	RING - Smart phone controlled wireless light bulb
United States of America	15/985,496	5/21/2018	RING - Smart phone controlled wireless light bulb
United States of America	13/446,674	4/13/2012	RING - Lighting device capable of maintaining light intensity in demand response applications
United States of America	15/394,521	12/29/2016	RING - Wireless proximity aware remote control lighting system (US03CON)
United States of America	13/920,545	6/18/2013	RING - Group management of a wireless power outage lighting system
United States of America	13/646,593	10/5/2012	RING - Wireless lighting device with charging port
United States of America	14/682,511	4/9/2015	RING - Modular coordinated lighting system
United States of America	12/830,923	7/6/2010	RING - Long range radio frequency identification system (US02)
United States of America	14/060,283	10/22/2013	RING - Methods for enabling low-power rfid communication
United States of America	14/201,897	3/9/2014	RING - Device positioning using acoustic and radio signals
United States of America	14/732,708	6/6/2015	RING - Circuit and antenna design for small form factor internet of things devices

United States of America	14/499,828	9/29/2014	RING - RVD V2, Utility
United States of America	15/405,033	1/12/2017	RING - RVD V2, Utility, CON1 (CON of 828)
United States of America	14/981,096	12/28/2015	RING - Zones and Range Modification, CIP
United States of America	15/839,772	12/12/2017	RING - Zones and Range Modification, CON1 (US02)
United States of America	14/905,653	1/15/2016	RING - USB Dongle
European Patent	14826269	7/17/2014	RING - USB Dongle
United States of America	15/645,250	7/10/2017	RING - USB Dongle, CON1 (CON of 653)
France	14826269	7/17/2014	RING - USB Dongle - FR
Germany (Federal Republic of)	14826269	7/17/2014	RING - USB Dongle - DE
United Kingdom	14826269	7/17/2014	RING - USB Dongle - GB
United States of America	15/150,387	5/9/2016	RING - Chime, Utility
United States of America	15/217,741	7/22/2016	RING - Chime Pro, Utility
United States of America	15/911,013	3/2/2018	RING - Chime Pro, CON1, Utility (CON of 741) (US02CON)
China	2017800519119	6/23/2017	RING - Chime Pro, Utility - CN
United States of America	15/784,041	10/13/2017	RING - Auto-Provisioning for Wireless Speaker Device
United States of America	15/148,981	5/6/2016	RING - Doorbell with Integrated Image Sensor/Button
United States of America	15/359,174	11/22/2016	RING - PIR Motion Detection, Vehicle Filter
United States of America	15/359,300	11/22/2016	RING - PIR Motion Detection, No Interrupts
United States of America	15/359,772	11/23/2016	RING - PIR Motion Detection, Temperature Trace (CON of 300)
United States of America	15/360,704	11/23/2016	RING - PIR Motion Detection, Approaching vs. Departing (CON of 300)
United States of America	15/359,407	11/22/2016	RING - PIR Motion Detection, Direct Sunlight Filter
United States of America	15/380,303	12/15/2016	RING - Live View Settings, Power Setting
United States of America	15/380,044	12/15/2016	RING - Video on Demand
United States of America	15/897,066	2/14/2018	RING - Video on Demand, CON1 (US02CON) (CON of 044)
United States of America	15/380,403	12/15/2016	RING - Live View Settings, Dynamic Adjustment
United States of America	15/898,431	2/17/2018	RING - Live View Settings, CON1 (CON of 403)

United States of America	15/387,444	12/21/2016	RING - Neighborhood Watch, Server
United States of America	15/395,467	12/30/2016	RING - Post-Call Upload, Single Stream
China	201620010122	1/5/2016	RING - Stick Up Cam, Utility Model
United States of America	15/431,275	2/13/2017	RING - Neighborhoods, Client Device Application
United States of America	15/728,499	10/10/2017	RING - Neighborhoods, Client Device Application, CON1 (CON of 275) (US03CON)
Australia	2017223188	2/13/2017	RING - Neighborhoods - AU
China	201780025044	2/13/2017	RING - Neighborhoods - CN
Japan	2018-544856	2/13/2017	RING - Neighborhoods - JP
Korea, Republic of (KR)	10-2018-7027707	2/13/2017	RING - Neighborhoods - KR
United States of America	16/008,364	6/14/2018	RING - Neighborhoods, Client Device Method (also claims priority to 98 provs)
United States of America	15/588,412	5/5/2017	RING - Neighborhoods 2 + Alerts with Non-Ring Device Info
United States of America	15/625,271	6/16/2017	RING - Neighborhoods 2 + Alert Wakes Up Cameras
United States of America	15/904,399	2/25/2018	RING - Preventive App Features, Camera Event Stitching
United States of America	15/640,446	6/30/2017	RING - Neighborhoods 2 + Parcel Theft Alerts
United States of America	15/948,772	4/9/2018	RING - Neighborhoods 2, Parcel Theft Alerts (US02CON) (CON of 446)
United States of America	15/655,734	7/20/2017	RING - Neighborhoods 2, Searching Live Cams and Video Tagging
United States of America	15/957,868	4/19/2018	RING - Streaming N'hood. Videos to TV & Smart TV Not's.
United States of America	15/456,560	3/12/2017	RING - RVD Pro V2 (US03)
United States of America	15/459,087	3/15/2017	RING - RVD Pro, Shunt (also claims priority to 109 family's 746 prov)
United States of America	15/459,076	3/15/2017	RING - RVD Pro, Power Manager (also claims priority to 109 family's 746 prov)
United States of America	15/729,644	10/10/2017	RING - RVD Pro, Shunt, CON1 (CON of 076)
Korea, Republic of (KR)	10-2018-7029675	3/15/2017	RING - RVD Pro, Power Manager - Korea (also claims priority to 109 family's 746 prov)
United States of America	15/471,176	3/28/2017	RING - IR LED Heat Sink / Battery Heater (US02)

Australia	2017100920	7/5/2017	RING - Solar-Powered Sign v.1, Utility Model, DIV
United States of America	15/616,001	6/7/2017	RING - Configurable Motion Detection and Alerts (US02)
United States of America	15/655,871	7/20/2017	LIT - RING - Floodlight Camera
United States of America	15/669,092	8/4/2017	RING - Parcel Theft Deterrence, Non-Provisional
United States of America	15/669,817	8/4/2017	RING - Parcel Bounding Box, Non-Provisional (Client Device) (claims priority to 119 provs + one other)
United States of America	15/669,839	8/4/2017	RING - Parcel Bounding Box, Non-Provisional (AV Device and Backend) (claims priority to same provs as 123)
United States of America	15/679,135	8/16/2017	RING - Speed Camera, Non-Provisional #1
United States of America	15/724,170	10/3/2017	RING - Yard Sign w/ 360-Degree Camera
United States of America	15/679,138	8/16/2017	RING - Speed Camera, Non-Provisional (claims priority to same prov of 126)
United States of America	15/681,260	8/18/2017	RING - Location-Weighted Remuneration (US02)
United States of America	15/715,660	9/26/2017	RING - Pre-Roll
United States of America	15/831,074	12/4/2017	RING - Car Filter for Alerts
United States of America	15/861,306	1/3/2018	RING - Streaming End Detection (US02)
United States of America	15/868,920	1/11/2018	RING - Doorbell sound output device controllers, doorbell switches, and associated systems and methods
United States of America	15/872,827	1/16/2018	RING - Two Cams, LR & HR, Neigh. Sys. (US02)
United States of America	16/253,134	1/21/2019	RING - Two Cams, LR & HR, Neigh. Sys. (US03CON)
United States of America	15/887,865	2/2/2018	RING - Two Cams, LR & HR, LR Motion on HR Bkgrnd. (US02)
United States of America	15/904,214	2/23/2018	RING - Auto-Exposure Control (US02)
United States of America	15/925,425	3/19/2018	RING - Threat Level Indicators (US02)
United States of America	15/936,399	3/26/2018	RING - Geolocation-Based Alerts
United States of America	15/954,448	4/16/2018	RING - Spotlight Cam Wired Mounting Assembly, Utility

United States of America	15/974,484	5/8/2018	RING - Spotlight Cam Battery, Utility
China	201820682051	5/8/2018	RING - Spotlight Cam Battery, Utility (CN01)
Germany (Federal Republic of)	20 2018 102 562.7	5/8/2018	RING - Spotlight Cam Battery, Utility (Germany)
Taiwan	107205982	5/8/2018	RING - Spotlight Cam Battery, Utility (TW01)
United States of America	15/991,908	5/29/2018	RING - Localized, In-App Police Information & Suppressing Redundant Calls to Police
United States of America	15/997,606	6/4/2018	RING - Two Cams, LR & HR, LR Positioning HR (US03)
United States of America	16/028,252	7/5/2018	RING - Camera Access Based on User Location
United States of America	15/906,334	2/27/2018	RING - RVD V4, Utility (RVD 2)
United States of America	15/974,434	5/8/2018	RING - Landscape Light Transformer (Transformer Device Focused)
United States of America	15/974,375	5/8/2018	RING - Landscape Light Transformer (Bridge Device Focused)
China	201620499692	5/26/2016	RING - RVD Pro, Utility Model (CN01)
China	201721216309	5/26/2016	RING - RVD Pro, Utility Model, DIV1
China	201720251606	3/15/2017	RING - Solar-Powered Sign v.1, Utility Model
China	201720033116	1/11/2017	RING - RVD Elite, Utility Model
Germany (Federal Republic of)	TBD	9/5/2017	RING - RVD Elite, Utility - DE
United States of America	N/A	N\A	RING - Emergency lighting device with remote lighting (US06CON)
Australia	2008292776	10/30/2008	RING - Wireless light bulb
China	N/A	N\A	RING - Stick Up Cam Wired, Design -CN
European Union	N/A	N\A	RING - Stick Up Cam Wired, Design - EP
European Union	N/A	N\A	RING - RVD Pro V3, Design (EP)
United States of America	N/A	N\A	RING - Shot Spotter Balls
United States of America	N/A	N\A	RING - Targeted Ads for On-Hold Callers (US02)
United States of America	N/A	N\A	RING - Dynamically Offering Free Install (US02)
United States of America	N/A	N\A	RING - Augmented Reality Glasses

United States of America	N/A	N\A	RING - Grocery Delivery Notifications
United States of America	N/A	N\A	RING - Camera Assisted Geo-Fencing for Object Tracking
United States of America	N/A	N\A	RING - Pet Door that Doesn't Trigger Alarm
United States of America	N/A	N\A	RING - Improving Supercapacitor Reliability in Batteryless Doorbells
United States of America	N/A	N\A	RING - Neighborhoods, Panic Button
United States of America	N/A	N\A	RING - Next of Kin Notification System
United States of America	N/A	N\A	RING - Tagging Intruders
Chile	N/A	N\A	RING - Video on Demand
United States of America	N/A	N\A	RING - Language Setup and Dynamic Translation
United States of America	N/A	N\A	RING - User-Defined FOV with Panorama
United States of America	N/A	N\A	RING - Client Device Location-Based Arming Notifications (Aux Lights)
United States of America	N/A	N\A	RING - Motion Detection Based on RSSI
United States of America	N/A	N\A	RING - Low Bitrate Optical Communication Link
United States of America	N/A	N\A	RING - Ring Alarm Temporary Bypass
United States of America	N/A	N\A	RING - Emergency Camera Access (Amber Alert)
United States of America	N/A	N\A	RING - Site Survey Drone
United States of America	N/A	N\A	RING - Smart Window Lock
United States of America	N/A	N\A	RING - Robotic Security Animal
United States of America	N/A	N\A	RING - Voice User Interface for Camera Device
United States of America	N/A	N\A	RING - Still Images Used to Transition btw. Videos
United States of America	N/A	N\A	RING - Audio Alerts thru Speaker Devices
United States of America	N/A	N\A	RING - Solar Panel Recommender
United States of America	N/A	N\A	RING - Auto-Switching Wi-Fi Radio
United States of America	N/A	N\A	RING - Possum Mode (US02)

United States of America	N/A	N\A	RING - Shortened Delay Based on Threat Level
United States of America	N/A	N\A	RING - Smoke Detector Activates Camera
United States of America	N/A	N\A	RING - Universal Login
United States of America	N/A	N\A	RING - CV-Assisted Marketing
United States of America	N/A	N\A	RING - Sound output synchronization for networked devices
United States of America	N/A	N\A	RING - Modifying Device Behavior Based on Location
United States of America	N/A	N\A	RING - Smart Offline Alerts
United States of America	N/A	N\A	RING - Smart Car Cover
United States of America	N/A	N\A	RING - Object Protection Mode
United States of America	N/A	N\A	RING - Siren activation for A/V recording and communications Devices
United States of America	N/A	N\A	RING - Suggesting motion zones for A/V recording and communication devices
United States of America	N/A	N\A	RING - Verifying referred users of A/V recording and communications devices
United States of America	N/A	N\A	RING - Video classifying tool with machine learning
United States of America	N/A	N\A	RING - Systems and methods for liquid emission responsive to detected entities
United States of America	N/A	N\A	RING - Weather alerts based on audiovisual analysis
United States of America	N/A	N\A	RING - Signalling device for emergency responders using data obtained from smart home hub device
United States of America	N/A	N\A	RING - Stitched FOV
United States of America	N/A	N\A	RING - Temporary Notification Suppression... 2 (US02)
United States of America	N/A	N\A	RING - Veronika Data Visualization Tool
United States of America	N/A	N\A	RING - Smart Signs
United States of America	N/A	N\A	RING - Solar/Motion Algorithm

United States of America	N/A	N\A	RING - Zoom to Action
United States of America	N/A	N\A	RING - Voice Authentication for Arming Security System via Phone
United States of America	N/A	N\A	RING - Smart Home Pet Finder
United States of America	N/A	N\A	RING - Window Blinds Automation
United States of America	N/A	N\A	RING - Smart Motion Alerts
United States of America	N/A	N\A	RING - Watchlist
United States of America	N/A	N\A	RING - Smart Lock with Wireless REuropean Patent
United States of America	N/A	N\A	RING - Video-Based Suggested Actions
United States of America	N/A	N\A	RING - Using RSSI for Suppressing Motion Alerts
United States of America	N/A	N\A	RING - Wireless Charging Mount
United States of America	N/A	N\A	RING - Reminder for Disabled Notifications
United States of America	N/A	N\A	RING - Mapping PIR Settings to Camera Motion Zones
United States of America	N/A	N\A	RING - Authorization Request on Setup Button Press
France	N/A	N\A	RING - RVD Elite, Utility - FR
Colombia	NC2017/0010904	10/26/2017	RING - Spotlight Cam Battery, Design
Mexico	MX/f/2018/000184	1/18/2018	RING - Spotlight, Design (MX)
Mexico	MX/f/2018/000183	1/18/2018	RING - Step Light, Design (MX)
United States of America	16/368,406	3/28/2019	RING - RVD V5, RingNet Bridge (US02)
Mexico	MX/f/2018/003045	10/11/2018	RING - RVD Pro V3, Design (MX)
United States of America	13/335,147	12/22/2011	RING - Coordinated System of Battery Powered Wireless Lights
United States of America	15/965,723	4/27/2018	RING - Grid connected coordinated lighting adapter (US11CON)
European Patent	11778102	5/2/2011	RING - Wireless lighting devices and grid-shifting applications
European Patent	16172498	11/26/2009	RING - Wireless lighting devices and applications
Hong Kong	12103028	11/26/2009	RING - Wireless lighting devices and applications
United States of America	15/211,071	7/15/2016	RING - Beaconing wireless transmitter for coordinated

			lighting system control (US03CON)
United States of America	16/265,960	2/1/2019	RING - RVD V2, Utility, CON1 (CON of 828) (US03CON)
Canada	2917265	7/17/2014	RING - USB Dongle (CA01)
United States of America	16/253,163	1/21/2019	RING - USB Dongle, CON1 (CON of 653)(US04CON)
Patent Cooperation Treaty	PCT/US2017/038924	6/23/2017	RING - Chime Pro, PCT
United States of America	16/543,444	8/16/2019	RING - Auto-Provisioning for Wireless Speaker Device (US02CON)
United States of America	15/246,323	8/24/2016	RING - Gesture Recognition
European Patent	16790215	12/4/2017	RING - Doorbell with Integrated Image Sensor/Button
Korea, Republic of (KR)	10-2017-7035357	12/7/2017	RING - Doorbell with Integrated Image Sensor/Button
China	201680040310	5/6/2016	RING - Doorbell with Integrated Image Sensor/Button
European Patent	16876691	12/15/2016	RING - Live View Settings, PCT (Europe)
China	201680081248	12/15/2016	Ring - Live View Settings, PCT (China)
United States of America	16/271,404	2/8/2019	RING - Live View Settings, Power Setting (US05CON)
United States of America	15/387,471	12/21/2016	RING - Neighborhood Watch, Client Device
European Patent	16880043	12/21/2016	RING - Neighborhood Watch, PCT (Europe)
China	2016800813004	12/21/2016	RING - Neighborhood Watch, PCT (China)
India	201817024736	12/21/2016	RING - Neighborhood Watch, PCT (India)
United States of America	16/505,569	7/8/2019	RING - Neighborhood Watch, Server (US02CON)
United States of America	15/839,377	12/12/2017	RING - Sharing video footage from audio/video recording and communications devices
United States of America	15/839,269	12/12/2017	RING - Sharing video footage from audio/video recording and communications devices
United States of America	16/192,666	11/15/2018	RING - Post-Call Upload, Single Stream (US04CON)
India	201817033613	2/13/2017	RING - Neighborhoods - IN
Mexico	MX/a/2018/010226	2/13/2017	RING - Neighborhoods - MX

European Patent	17756999	2/13/2017	RING - Neighborhoods - EP
United States of America	16/600,275	10/11/2019	RING - Neighborhoods, Client Device Application (CON of 275) (US04CON)
United States of America	16/551,469	8/26/2019	RING - Neighborhoods, Client Device Method (US03CON)
United States of America	15/480,214	4/5/2017	RING - Neighborhoods 2 + Actions Based on Alerts
United States of America	16/517,574	7/20/2019	RING - Neighborhoods 2 + Alerts with Non-Ring Device Info (US03CON)
United States of America	15/904,403	2/25/2018	RING - Preventive App Features, Motion Tracking
United States of America	16/240,735	1/5/2019	RING - Neighborhoods 2, Parcel Theft Alerts (US03CON)
United States of America	16/595,312	10/7/2019	RING - Neighborhoods 2, Searching Live Cams and Video Tagging (US02CON)
United States of America	15/857,537	12/28/2017	RING - Neighborhoods 2, Same Person Alerts & Text-Based Input
United States of America	15/925,637	3/19/2018	RING - Neighborhoods, Positive Shares
United States of America	16/568,956	9/12/2019	RING - Streaming N'hood. Videos to TV & Smart TV Not's. (US03CON)
United States of America	15/926,496	3/20/2018	RING - Prepared Comments for Neighborhood Videos
United States of America	16/586,695	9/27/2019	RING - RVD Pro V2 (US04CON)
China	201780028309	3/15/2017	RING - RVD Pro, Power Manager - China (also claims priority to 109 family's 746 prov)
United States of America	16/374,636	4/3/2019	RING - RVD Pro, Shunt (US03CON)
United States of America	16/195,754	11/19/2018	RING - Configurable Motion Detection and Alerts (US03CON)
Patent Cooperation Treaty	PCT/US2017/043185	7/21/2017	LIT - RING - Floodlight Camera
China	201780051086	7/21/2017	LIT - RING - Floodlight Camera - CN
European Patent	17835011	7/21/2017	LIT - RING - Floodlight Camera - EP
United States of America	15/656,238	7/21/2017	RING - Builders, Device Activation (US02)
Patent Cooperation Treaty	PCT/US2017/043283	7/21/2017	RING - Builders

United States of America	15/656,241	7/21/2017	RING - Builders, Written Instructions (claims priority to prov of 117)
United States of America	16/517,576	7/20/2019	RING - Parcel Theft Deterrence (US04CON)
United States of America	15/669,393	8/4/2017	RING - Parcel Theft Deterrence for A/V communication devices (claims priority to 119 provs)
United States of America	15/669,606	8/4/2017	RING - Self-Addressed Parcel Tracking Devices, Non-Provisional #1 (also claims priority to 505 prov in 119)
United States of America	15/669,716	8/4/2017	RING - Self-Addressed Parcel Tracking Devices, Non-Provisional #2 (claims priority to same provs as 121)
United States of America	15/675,726	8/12/2017	RING - Rewards (US02)
United States of America	16/294,030	3/6/2019	RING - Speed Camera, Non-Provisional (US03CON)
Patent Cooperation Treaty	PCT/US2017/050145	9/5/2017	RING - RVD Elite, PCT
United States of America	15/711,088	9/21/2017	LIT - RING - Two-Camera Device
Patent Cooperation Treaty	PCT/US2017/052643	9/21/2017	LIT - RING - Two-Camera Device, PCT
European Patent	17853858	9/21/2017	LIT - RING - Two-Camera Device - EP
China	201780061872	9/21/2017	LIT - RING - Two-Camera Device - CN
Patent Cooperation Treaty	PCT/US2017/053412	9/26/2017	RING - Pre-Roll, PCT
United States of America	16/192,533	11/15/2018	RING - Pre-Roll (US03CON)
European Patent	17854114	9/26/2017	RING - Pre-Roll - EP
China	201780058594	9/26/2017	RING - Pre-Roll - CN
United States of America	15/793,997	10/26/2017	RING - Parcel Delivery Assistant (US02)
United States of America	15/794,001	10/26/2017	RING - Customizable Intrusion Zones
United States of America	15/897,792	2/15/2018	RING - Intrusion Zones Based on Alarm State (Configuration)
United States of America	15/897,887	2/15/2018	RING - Intrusion Zones Based on Alarm State (Implementation)
United States of America	15/831,854	12/5/2017	RING - Two Cameras, Low-Res & High-Res (US02)
United States of America	16/551,358	8/26/2019	RING - Streaming End Detection (US03CON)

United States of America	16/391,470	4/23/2019	RING - Two Cams, LR & HR, LR Motion on HR Bkgrnd. (US03CON)
United States of America	15/905,718	2/26/2018	RING - Solar Bracket for RVD, Utility (US02)
United States of America	15/933,776	3/23/2018	RING - Post-Call Upload, Dual Stream (US02)
United States of America	15/927,794	3/21/2018	RING - Two Cams, LR & HR, Combining Data (US02)
United States of America	16/577,505	9/20/2019	RING - Geolocation-Based Alerts (US03CON)
United States of America	15/942,334	3/30/2018	RING - Floodlight Cam Linking (US02)
United States of America	16/394,365	4/25/2019	RING - Spotlight Cam Wired Mounting Assembly, Utility (US03CON)
United States of America	15/956,005	4/18/2018	RING - Auto-Adjustable Day/Night Motion Sensitivity
United States of America	15/959,164	4/20/2018	RING - Local Processing & Pushing Images to Devices (US02)
United States of America	15/986,376	5/22/2018	RING - Intelligent Event Summary, Notifications, and Video Presentation (US02)
United States of America	15/984,298	5/18/2018	RING - Composite 3D Face for Alerts
United States of America	16/595,243	10/7/2019	RING - Localized, In-App Police Information & Suppressing Redundant Calls to Police (US03CON)
United States of America	16/003,035	6/7/2018	RING - Overlaying Sensor Data on Videos
United States of America	16/543,376	8/16/2019	RING - Two Cams, LR & HR, LR Positioning HR (US04CON)
United States of America	15/905,683	2/26/2018	RING - Identifying Suspicious Persons
United States of America	16/017,812	6/25/2018	RING - Wi-Fi Protocol Enhancement Tech's... (iotera) (US02)
United States of America	16/019,909	6/27/2018	RING - Selecting Video Frame for Notification (US02)
United States of America	16/001,627	6/6/2018	RING - Behaviour aware security systems and associated methods (Searching for Unusual or Suspicious Videos) (US02)
United States of America	16/001,685	6/6/2018	RING - Behaviour aware security systems and associated methods (Searching for Unusual or Suspicious Videos) (US03)

United States of America	16/598,987	10/10/2019	RING - RVD V4, Utility (RVD 2) (US02CON)
United States of America	16/012,675	6/19/2018	RING - Car Cam 2
Patent Cooperation Treaty	PCT/US2019/024113	3/26/2019	RING - Hub as Proxy/Redundant Backend - WO01
China	201720330704	3/31/2017	RING - RVD V4, Utility Model (RVD 2)
United States of America	N/A	N\A	RING - Ring Alarm Flood & Freeze Sensor, Design (US03CON)
United States of America	N/A	N\A	RING - Behaviour aware security systems and associated methods (Searching for Unusual or Suspicious Videos) (US04DIV)