#### 506175360 07/28/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 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**

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City:	SEATTLE	
State/Country:	WASHINGTON	
Postal Code:	98108-1226	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16746598

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NAME OF SUBMITTER:	JANICE PRICE
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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 <u>Schedule A</u> (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 <u>Schedule A</u>; all letters patent that may be granted for any patent applications listed on <u>Schedule A</u> 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 <u>Schedule A</u> 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.

A CCLONIEE

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

ACCICNIOD

ASSIGNUK:	ASSIGNEE:
A9.com, Inc.	Amazon Technologies, Inc.
DocuSigned by:	DocuSigned by:
By: laron McGrath	By: Scott Hayden
Aaron McGrath	Scott Hayden
Name:	Name:
Title: Vice President	Title: VP

# Schedule A

Jurisdiction	App. No. / Patent No.	Filed	App. Title
United States of	29/653,715	6/18/2018	RING - RVD Pro, CON3
America			
United States of	15/884,096	1/30/2018	RING - Wirelessly Controllable
America			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	14/334,922	7/18/2014	RING - DoorBot, Utility (US02)
America			
United States of	15/784,169	10/15/2017	RING - Doorbell with Integrated
America	, ,		Image Sensor/Button (CON of
			981)
United States of	15/466,199	3/22/2017	RING - Solder Jumper (US02)
America			. ` ` ′
Australia	AU20160101968	11/10/2016	RING - Illuminated sign for
			wireless audio/video recording
			and communication devices
United States of	15/584,060	5/2/2017	RING - Solar-Powered Sign v.1,
America	. ,		Utility (US02)
United States of	29/602,977	5/5/2017	RING - RVD V2, Design, CON1
America	, ,		(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	29/682,194	3/2/2019	RING - Ring Alarm Flood &
America	29/082,194	3/2/2019	Freeze Sensor, Design
America			_
Tairre	107200200	1/17/2010	(US02CON)
Taiwan	107300299	1/17/2018	RING - Motion Sensor, Design
Mexico	MX/f/2018/000182	1/18/2018	RING - Motion Sensor, Design
		<u> </u>	(MX)
United States of	29/690,915	5/13/2019	RING - Motion Sensor, Design
America			(US03CON)
United States of	29/701,152	8/8/2019	RING - Spotlight, Design
America			(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	29/648,051	5/17/2018	RING - Spotlight Cam Wired
America	,,	-, ,	Ceiling Mount Design
United States of	15/375,657	12/12/2016	RING - Emergency lighting
America	13,373,637	12,12,2010	device with remote lighting
United States of	16/385,882	4/16/2019	RING - Wireless proximity aware
America	10/303,002	4/10/2013	remote control lighting system
America			(US04CON)
Maying	2017/006009	5/8/2017	·
Mexico	<u> </u>		RING - Chime, Utility
United States of	15/957,848	4/19/2018	RING - Chime, Utility, CON1
America		- / /	(US02CON)(CON of 387)
United States of	15/431,607	2/13/2017	RING - Neighborhoods, Client
America			Device Method (also claims
			priority to 98 provs)
United States of	15/614,609	6/6/2017	RING - Neighborhoods 2 + Alerts
America			thru Chimes (CON of 412)
			(US02CON)
United States of	15/904,398	2/25/2018	RING - Preventive App Features,
America			NH Alert Mode
United States of	15/967,097	4/30/2018	Sensor-Based Prompts to
America			Activate PPM
United States of	15/696,097	9/5/2017	RING - RVD Elite, Utility (US02)
America			
United States of	16/357,083	3/18/2019	RING - Doorbell sound output
America		-,,	device controllers, doorbell
			switches, and associated
			systems and methods
			(US03CON)
United States of	15/992,702	5/30/2018	RING - Parcel Delivery
America	13/332,702	3/30/2010	Prediction-based Theft
AIIICIICA			
			Detection (Parcel Delivery
United Chatas of	16/120 044	0/21/2010	Predictor) (USO2)
United States of	16/138,841	9/21/2018	RING - Bridge Rectifier with FETs
America			

United States of	16/424,970	5/29/2019	RING - Suspect ID & Intruder
America	10/424,570	3,23,2013	Detection Using Client Device
America			(US02)
United States of	29/605,389	5/25/2017	RING - RVD V2, Design, CON2
	29/605,369	3/23/2017	_
America	20/624 022	1/17/2010	(Remobell)
United States of	29/634,032	1/17/2018	RING - RVD V2, Design, CON6
America	1,1/2	5 /20 /204 5	(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	29/694,520	6/11/2019	RING - Chime, Design
America			(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	29/676,394	1/10/2019	RING - Solar-Powered Sign v.3
America			(Design, Octagon) (US03CON)
United States of	29/676,405	1/10/2019	RING - Solar-Powered Sign v.3,
America			CON1 (Design, Round)
			(US03CON)
United States of	29/676,418	1/10/2019	RING - Solar-Powered Sign v.3
America			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,
Bruzn	3020170030307	3,1,201,	Design
United States of	29/699,188	7/23/2019	RING - Solar Bracket for RVD,
America	25,055,188	772372013	Design (USO2CON)
European Union	4408235	10/17/2017	RING - Spotlight Cam Wired
Luropean Omon	4408233	10/1//201/	Mounting Assembly, Design
European Union	4408276	10/17/2017	RING - Spotlight Cam Wired
European Onion	4408276	10/1//201/	Mounting Assembly Adapter,
			Design
India	297725	9/21/2017	RING - Spotlight Cam Battery,
muia	297723	9/21/2017	
In allow a sile	400201702040	11/1/2017	Design
Indonesia	A00201702848	11/1/2017	RING - Spotlight Cam Battery,
Francisco III :	4400426	11/0/2017	Design
European Union	4498426	11/8/2017	RING - Spotlight Cam Battery,
	004663040 504	4/44/2042	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

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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,
Luropean Omon	IN/A	I IV	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	29/700,575	8/2/2019	RING - Ring Alarm Network
America			Extender, Design (US02CON)
European Union	005227295-0001	4/9/2018	RING - Solar Bracket for RVD 2,
			Design (Europe)
United States of	29/692,471	5/24/2019	RING - Solar Bracket for RVD 2,
America			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	29/696,893	7/2/2019	RING - Ring Alarm Smoke & CO
America			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 (INO4)
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	29/724,103	2/12/2020	RING - Spotlight, Design
America			(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	29/711,871	11/4/2019	RING - Ring Beams Floodlight
America			(C5000), Design (US02CON)
Mexico	MX/f/2018/001998	7/5/2018	RING - Ring Beams Floodlight
			(C3500), Design (Mexico)
United States of	29/711,877	11/4/2019	RING - Ring Beams Floodlight
America			(C3500), Design (US02CON)
Mexico	MX/f/2018/001997	7/5/2018	RING - Ring Beams Floodlight
			(MB3400), Design (Mexico)
United States of	29/711,879	11/4/2019	RING - Ring Beams Floodlight
America			(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	29/717,909	12/19/2019	RING - Spotlight Cam Wired Wall
America			Plate, Design (US02DIV)
Taiwan	107306524	11/5/2018	RING - Spotlight Cam Wired Wall
			Plate, Design - TW
United States of	29/723,148	2/4/2020	RING - Spotlight Cam Wired
America			Ceiling Mount Design (US02DIV)
Taiwan	107306525	11/5/2018	RING - Spotlight Cam Wired
			Ceiling Mount, Design - TW
United States of	16/141,098	9/25/2018	RING - Disaster Mode for
America			Camera
United States of	16/556,686	8/30/2019	RING - Cloud-Connected Off-
America			Grid Lighting and Video System
			(US04CON)
United States of	16/781,668	2/4/2020	RING - Cloud-Connected Off-
America			Grid Lighting and Video System
			(US05CON)

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United States of	16/159,329	10/12/2018	PING Wireless lighting network
	10/159,529	10/12/2018	RING - Wireless lighting network
America			with external remote control
			(US04CON)
United States of	16/376,246	4/5/2019	RING - Wirelessly Controllable
America			Communication Module
			(US12CON)
United States of	16/392,069	4/23/2019	RING - Video on Demand for
America			Communication Devices
			(US13CON)
United States of	16/507,695	7/10/2019	RING - Motion Sensitive
America			Communication Device for
			Controlling IR Lighting
			(US14CON)
United States of	16/687,282	11/18/2019	RING - Smart phone controlled
America	10,007,202	11, 10, 2013	wireless light bulb (US04CON)
United States of	16/369,301	3/29/2019	RING - Wireless lighting device
America	10/303,301	3,23,2013	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
	2000100	40/45/0045	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,
sa, rispassio or (itti)		12, 22, 2320	PCT (Korea)
			()
Mexico	MX/a/2018/007258	12/21/2016	RING - Neighborhood Watch,
IVICAICO	1417/10/2010/00/230	12,21,2010	PCT (Mexico)
Australia	2016377664	12/21/2016	RING - Neighborhood Watch,
Australia	20103//004	12/21/2010	PCT (Australia)
Canada	2015490	2/12/2017	
Canada	3015480	2/13/2017	RING - Neighborhoods - CA

Korea, Republic of (KR)	10-2019-7005039	2/13/2017	RING - Neighborhoods
Japan	2019-054022	2/13/2017	(KR02DIV)  RING - Neighborhoods
			(JP02DIV)
China	2019112744640	2/13/2017	RING - Neighborhoods (CN02DIV)
Australia	2019275575	2/13/2017	RING - Neighborhoods
, tustrana	2013273373	2, 13, 231,	(AU02DIV)
United States of	16/410,783	5/13/2019	RING - Preventive App Features,
America			Camera Event Stitching
			(US05CON)
United States of	16/706,681	12/7/2019	RING - Neighborhoods 2 + Alert
America			Wakes Up Cameras (US06CON)
United States of	16/776,392	1/29/2020	RING - Preventive App Features,
America			NH Alert Mode (US07CON)
United States of	15/721,549	9/29/2017	RING - Neighborhoods 2,
America			Location Verification
United States of	16/134,323	9/18/2018	RING - Saving Power by Spoofing
America			Device Address
Korea, Republic of (KR)	10-2019-7022849	3/15/2017	RING - RVD Pro, Power Manager
			(KR02DIV)
United States of	16/137,166	9/20/2018	RING - Distributed Acoustic and
America			Radio-Based Positioning
United States of	16/746,598	1/17/2020	RING - RVD Pro, Shunt
America			(US04CON)
United States of	16/544,728	8/19/2019	RING - IR LED Heat Sink / Battery
America			Heater (US03DIV)
Patent Cooperation	PCT/US2017/036286	6/7/2017	RING - Configurable Motion
Treaty	2010 500007	7/04/0047	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
		<u> </u>	(EP02DIV)
United States of	16/679,991	11/11/2019	RING - Parcel Bounding Box,
America			Non-Provisional (Client Device)
			(US04CON)
United States of	16/726,564	12/24/2019	RING - Sensor-Based Prompts to
America			Activate PPM (US05CON)
United States of	16/680,131	11/11/2019	RING - Parcel Bounding Box,
America			Non-Provisional (AV Device and
	45/500 555	44/05/555	Backend) (US02CON)
United States of	16/693,284	11/23/2019	RING - Speed Camera, Non-
America			Provisional (claims priority to
	2040 54 1724	0/04/2217	same prov of 126) (US02CON)
Japan	2019-514731	9/21/2017	LIT - RING - Two-Camera Device - JP
United States of	15/824,379	11/28/2017	RING - Security devices
America	13,021,373	11, 20, 201,	configured for capturing
			recognizable facial images
	1		1 ccopinzable lacial illiages

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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) (USO2CON)
United States of America	16/274,144	2/12/2019	RING - Using AR to Display Crime Locations (USO2)
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)

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Patent Cooperation	PCT/US2011/051881	9/16/2011	RING - Remote switch sensing in
Treaty	FC1/032011/031881	9/10/2011	lighting devices
Patent Cooperation	PCT/US2011/041791	6/24/2011	RING - Wireless emergency
Treaty			lighting system
Patent Cooperation	PCT/US2011/034802	5/2/2011	RING - Wireless lighting devices
Treaty			and grid-shifting applications
Patent Cooperation	PCT/US2009/066003	11/26/2009	RING - Wireless Lighting Devices
Treaty			and Applications (NetBright)
Patent Cooperation	PCT/US2008/081807	10/30/2008	RING - Wireless light bulb
Treaty			
Patent Cooperation	PCT/US2016/068721	12/27/2016	RING - Zones and Range
Treaty			Modification
Patent Cooperation	PCT/US2014/046952	7/17/2014	RING - USB Dongle
Treaty	,	,, = ,, = = .	
Patent Cooperation	PCT/US2017/047680	8/18/2017	RING - Gesture Recognition, PCT
Treaty	1 617 632017 647 666	0, 10, 2017	Miles destare recognition, rer
Patent Cooperation	PCT/US2016/031371	5/6/2016	RING - Doorbell with Integrated
Treaty	1 617 6326167 631371	3,0,2010	Image Sensor/Button
Patent Cooperation	PCT/US2016/063652	11/23/2016	RING - PIR Motion Detection
Treaty	FC1/032010/003032	11/23/2010	KING - FIK MOTION Detection
Patent Cooperation	WO/2016/066949	12/15/2016	RING - Live View Settings
	WO/2016/066949	12/13/2016	King - Live view Settings
Treaty	DCT/US2016/066020	12/15/2016	DING Vides on Demand DCT
Patent Cooperation	PCT/US2016/066938	12/15/2016	RING - Video on Demand, PCT
Treaty	DOT / US204 5 / 0 50000	42/24/2016	BING N.: II. I. I. I.
Patent Cooperation	PCT/US2016/068088	12/21/2016	RING - Neighborhood Watch
Treaty			(PCT)
Patent Cooperation	PCT/US2016/069435	12/30/2016	RING - Post-Call Upload, Single
Treaty		<u> </u>	Stream
Patent Cooperation	PCT/US2017/017714	2/13/2017	RING - Neighborhoods (WO01)
Treaty			
Patent Cooperation	PCT/US2018/025285	3/29/2018	RING - Neighborhoods 2 +
Treaty			Actions Based on Alerts (PCT)
Patent Cooperation	PCT/US2018/025292	3/29/2018	RING - Neighborhoods 2 + Alerts
Treaty			with Non-Ring Device Info
			(WO01)
Patent Cooperation	PCT/US2018/037414	6/13/2018	RING - Neighborhoods 2 + Alert
Treaty			Wakes Up Cameras, PCT (WO01)
Patent Cooperation	PCT/US2018/040010	6/28/2018	RING - Neighborhoods 2, Parcel
Treaty			Theft Alerts, PCT
Patent Cooperation	PCT/US2018/026054	4/4/2018	RING - Prepared Comments for
Treaty			Neighborhood Videos
Patent Cooperation	PCT/US2017/021997	3/12/2017	RING - RVD Pro V2
Treaty			
Patent Cooperation	PCT/US2017/022407	3/15/2017	RING - RVD Pro
Treaty	, ====,,===.,	, , , ====	
Patent Cooperation	PCT/US2017/023600	3/22/2017	RING - Solder Jumper
Treaty	1 31, 332017, 023000	3, 22, 2017	Time Solder sumper
Patent Cooperation	PCT/US2017/024448	3/28/2017	RING - IR LED Heat Sink / Battery
Treaty	1 01/03201//024440	3, 20, 2017	Heater (PCT)
rreaty			Heater (FCI)

Patent Cooperation	PCT/US2017/030485	5/2/2017	RING - Solar-Powered Sign v.1
Treaty			(WO01)
Patent Cooperation Treaty	PCT/US2017/045477	8/4/2017	RING - Parcel Theft Deterrence
Patent Cooperation	PCT/US2017/045538	8/4/2017	RING - User Configurable Parcel
Treaty	, ,	' '	Protection Mode
Patent Cooperation	PCT/US2017/045613	8/4/2017	RING - Self-Addressed Parcel
Treaty	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Tracking Devices
Patent Cooperation	PCT/US2017/045636	8/4/2017	RING - Parcel Bounding Box
Treaty	1 617 6326177 643636	0,4,2017	Kind Fareer Boarding Box
Patent Cooperation	PCT/US2017/046658	8/12/2017	RING - Rewards, PCT
Treaty	1 617 032017 040030	0/12/2017	Kilvo Kewards, Fer
Patent Cooperation	PCT/US2017/047236	8/16/2017	RING - Speed Camera, PCT
Treaty	101/032017/047230	0/10/201/	Mind - Speed Camera, FC1
Patent Cooperation	PCT/US2017/047676	8/18/2017	PINC Location Weighted
·	PC1/03201//04/6/6	0/10/201/	RING - Location-Weighted
Treaty	DCT/UC2017/050202	10/26/2017	Rewards, PCT
Patent Cooperation	PCT/US2017/058382	10/26/2017	RING - Parcel Delivery Assistant,
Treaty	DOT/US2047/050202	40/05/2047	PCT
Patent Cooperation	PCT/US2017/058383	10/26/2017	RING - Customizable Intrusion
Treaty			Zones, PCT
Patent Cooperation	PCT/US2017/063329	11/27/2017	RING - Neighborhood Camera,
Treaty			PCT
Patent Cooperation	PCT/US2017/064748	12/5/2017	RING - Two Cameras, Low-Res &
Treaty			High-Res, PCT
Patent Cooperation	PCT/US2017/064543	12/4/2017	RING - Car Filter for Alerts, PCT
Treaty			
Patent Cooperation	PCT/US2018/012213	1/3/2018	RING - Streaming End Detection,
Treaty			PCT
Patent Cooperation	PCT/US2018/013341	1/11/2018	RING - Parallel Power Conn's. for
Treaty			Video DB Sys., PCT
Patent Cooperation	PCT/US2018/013902	1/16/2018	RING - Two Cams, LR & HR,
Treaty			Neigh. Sys., PCT
Patent Cooperation	PCT/US2018/016725	2/2/2018	RING - Two Cams, LR & HR, LR
Treaty			Motion on HR Bkgrnd., PCT
Patent Cooperation	PCT/US2018/019565	2/23/2018	RING - Auto-Exposure Control,
Treaty			PCT
Patent Cooperation	PCT/US2018/019783	2/26/2018	RING - Solar Bracket for RVD,
Treaty			PCT
Patent Cooperation	PCT/US2018/023156	3/19/2018	RING - Threat Level Indicators
Treaty	, , , , , , , , , , , , , , , , , , , ,		(PCT)
Patent Cooperation	PCT/US2018/023955	3/23/2018	RING - Post-Call Upload, Dual
Treaty	, ==,====22	' '	Stream (WO01)
Patent Cooperation	PCT/US2018/023612	3/21/2018	RING - Two Cameras, LR & HR,
Treaty		_,,	Combining LR Data with HR
			Data, PCT (WO01)
Patent Cooperation	PCT/US2018/024410	3/26/2018	RING - Geolocation-Based Alerts
Treaty	1 31, 332010, 024410	3, 23, 2010	Aire Scolocation based Alerts
Patent Cooperation	PCT/US2018/025577	3/30/2018	RING - Floodlight Cam Linking
Treaty	1 01/ 032010/023377	3,30,2010	Miles Floodinght Calli Linking
11 Caly			

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Patent Cooperation	PCT/US2018/027807	4/16/2018	RING - Spotlight Cam Wired
Treaty			Mounting Assembly, Utility
Patent Cooperation	PCT/US2018/028373	4/19/2018	RING - Auto-Adjustable
Treaty			Day/Night Motion Sensitivity
Patent Cooperation	PCT/US2018/028711	4/20/2018	RING - Local Processing &
Treaty			Pushing Images to Devices (PCT)
Patent Cooperation	PCT/US2018/035059	5/30/2018	RING - Parcel Delivery
Treaty			Prediction-based Theft
			Detection (Parcel Delivery
			Predictor) (WO01)
Patent Cooperation	PCT/US2018/036337	6/6/2018	RING - Behavior Pattern
Treaty			Learning and Alerts (WO01)
Patent Cooperation	PCT/US2018/019786	2/26/2018	RING - Identifying Suspicious
Treaty	,,,		Persons, PCT
Patent Cooperation	PCT/US2018/019888	2/27/2018	RING - RVD V4, Utility (RVD 2)
Treaty	1 01/ 032010/ 013000	2,27,2010	Times (NVD V 1, Stilley (NVD 2)
United States of	62/692,097	6/29/2018	RING - Shot Spotter Balls
America	02,032,037	0,23,2010	Mind Shot spotter bans
United States of	62/691,064	6/28/2018	RING - Events for Disabled
America	02/031,004	0/20/2010	Motion Alerts
United States of	62/683,473	6/11/2018	RING - Augmented Reality
America	02/083,473	0/11/2018	Glasses
United States of	63/600 774	6/27/2018	
America	62/690,774	0/2//2018	RING - Grocery Delivery Notifications
	62/600 420	C/4/2010	
United States of	62/680,439	6/4/2018	RING - Camera Assisted Geo-
America	CO /70C COC	2/20/2006	Fencing for Object Tracking
United States of	60/786,636	3/28/2006	RING - Wireless lighting system
America	62/602 201	7/2/2010	DING Civile Free Development
United States of	62/693,201	7/2/2018	RING - Single Event Based on
America	54 / 477 5 004	1/45/0044	Consecutive Actions
United States of	61/475,931	4/15/2011	RING - Lighting device capable of
America			maintaining light intensity in
			demand response applications
United States of	61/661,548	6/19/2012	RING - Group management of a
America			wireless power outage lighting
			system
United States of	61/544,000	10/6/2011	RING - Wireless lighting device
America			with charging port
United States of	61/978,391	4/11/2014	RING - Modular coordinated
America			lighting system
United States of	62/689,677	6/25/2018	RING - Neighborhoods, Panic
America			Button
United States of	61/273,660	8/7/2009	RING - Wireless asset tracking
America			system
United States of	61/716,903	10/22/2012	RING - Systems and methods for
America	, ,		wireless sensing andtracking
United States of	61/749,049	1/4/2013	RING - Systems and methods for
America		_, _,	wireless sensing and control
			devices

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United States of America	61/803,655	3/20/2013	RING - Device positioning using
	54 /000 4 44	4/2/2042	acoustic and radio signals
United States of	61/808,141	4/3/2013	RING - Device positioning using
America	54 /0 40 304	2/5/2244	acoustic and radio signals
United States of	61/949,231	3/6/2014	RING - Device positioning using
America			acoustic and radio signals
United States of	61/847,274	7/17/2013	RING - USB Dongle
America			
United States of	61/847,816	7/18/2013	RING - DoorBot
America			
United States of	62/158,035	5/7/2015	RING - Doorbell w/ Integrated
America			Image Sensor/Button
United States of	62/263,334	12/4/2015	RING - PIR Motion Detection
America			
United States of	62/289,072	1/29/2016	RING - PIR Motion Detection
America			
United States of	62/267,762	12/15/2015	RING - Video on Demand
America			
United States of	62/289,114	1/29/2016	RING - Video on Demand
America		-,,	
United States of	62/338,992	5/19/2016	RING - Live View Settings
America	02,000,002	3, 13, 1818	Time Live View Settings
United States of	62/686,278	6/18/2018	RING - Tagging Intruders
America	02/000,270	0,10,2010	Tugging intruders
United States of	62/270,373	12/21/2015	RING - Neighborhood Watch
America	02/2/0,3/3	12/21/2013	Mind - Neighborhood Watch
United States of	62/271,186	12/22/2015	RING - Neighborhood Watch
America	02/2/1,100	12/22/2013	King - Neighborhood Watch
United States of	62/288,971	1/20/2016	DINC Naighborhood Wotch
America	02/200,9/1	1/29/2016	RING - Neighborhood Watch
United States of	62/272 022	12/21/2015	DINC Post Call Unload Single
	62/273,933	12/31/2015	RING - Post-Call Upload, Single Stream
America	62/200 057	2/1/2016	= = = ======
United States of	62/289,857	2/1/2016	RING - Post-Call Upload, Single
America	50/202547	0.10.5.10.0.1.5	Stream
United States of	62/300,547	2/26/2016	RING - Neighborhoods
America			
United States of	62/687,421	6/20/2018	RING - User-Defined FOV with
America			Panorama
United States of	62/308,746	3/15/2016	RING - RVD Pro, Utility
America			
United States of	62/422,830	11/16/2016	RING - RVD Pro V2
America			
United States of	62/682,543	6/8/2018	RING - Motion Detection Based
America			on RSSI
United States of	62/683,849	6/12/2018	RING - Low Bitrate Optical
America			Communication Link
United States of	62/686,978	6/19/2018	RING - Ring Alarm Temporary
America	, ,	' '	Bypass

United States of	62/681,968	6/7/2018	RING - Emergency Camera
America			Access (Amber Alert)
United States of	62/312,912	3/24/2016	RING - Solder Jumper
America			
United States of	62/319,758	4/7/2016	RING - IR LED Heat Sink / Battery
America			Heater
United States of	62/332,321	5/5/2016	RING - Solar-Powered Sign (v.1),
America			Utility
United States of	62/350,057	6/14/2016	RING - Configurable Motion
America			Detection and Alerts
United States of	62/367,045	7/26/2016	LIT - RING - Floodlight Cam
America			(Prov. #1)
United States of	62/410,790	10/20/2016	LIT - RING - Floodlight Cam
America			(Prov. #2)
United States of	62/442,218	1/4/2017	LIT - RING - Floodlight Cam
America	,,	_, ,,	(Prov. #3)
United States of	62/368,950	7/29/2016	RING - Builders
America	52,555,555	7,25,2525	
United States of	62/374,505	8/12/2016	RING - Parcel Theft Deterrence
America	02,57 1,505	0,12,2010	Time Fares Mere Beterrense
United States of	62/479,060	3/30/2017	RING - User Configurable Parcel
America	02/ 1/3,000	3,30,201,	Protection Mode
United States of	62/450,767	1/26/2017	RING - Self-Addressed Parcel
America	02/430,707	1/20/2017	Tracking Devices
United States of	62/522,075	6/19/2017	RING - Parcel Bounding Box
America	02/322,073	0/13/2017	Kind - Farcer bounding box
United States of	62/376,842	8/18/2016	RING - Rewards
America	02/3/0,042	0/10/2010	Kind - Kewards
United States of	62/376,826	8/18/2016	RING - Speed Camera
America	02/3/0,820	8/18/2010	Kind - Speed Camera
United States of	62/381,783	8/31/2016	RING - Location-Weighted
America	02/301,703	0/31/2010	Rewards
	63/204 613	9/14/2016	
United States of America	62/394,612	9/14/2016	RING - RVD Elite, Utility
	62/207 626	0/21/2016	LIT DING Two Comers Davise
United States of	62/397,626	9/21/2016	LIT - RING - Two-Camera Device
America	62/200 770	0/25/2015	DING Des Dell
United States of	62/399,779	9/26/2016	RING - Pre-Roll
America	62/412.252	10/25/2015	DINC Parad D. P. C. A. C. C.
United States of	62/413,252	10/26/2016	RING - Parcel Delivery Assistant
America	60/110 0==	40/05/05:5	DING 6 : I I I I I
United States of	62/413,378	10/26/2016	RING - Customizable Intrusion
America			Zones
United States of	62/427,114	11/28/2016	RING - Neighborhood Camera
America			
United States of	62/431,863	12/9/2016	RING - Two Cameras, Low-Res &
America			High-Res
United States of	62/430,237	12/5/2016	RING - Car Filter for Alerts
America			
America			

United States of America	62/441,915	1/3/2017	RING - Streaming End Detection
United States of	62/445,184	1/11/2017	RING - Parallel Power Conn's. for
America	02/443,104	1/11/2017	Video DB Sys.
United States of	62/446,703	1/16/2017	RING - Two Cams, LR & HR,
America	327 1 137 33	1, 10, 201,	Neigh. Sys.
United States of	62/454,220	2/3/2017	RING - Two Cams, LR & HR, LR
America			Motion on HR Bkgrnd.
United States of	62/463,685	2/26/2017	RING - Auto-Exposure Control
America			·
United States of	62/464,301	2/27/2017	RING - Audio/video recording
America			and communication devices
United States of	62/464,342	2/27/2017	RING - Identifying Suspicious
America			Persons, Prov. #1
United States of	62/466,623	3/3/2017	RING - Solar Bracket for RVD,
America			Utility
United States of	62/473,560	3/20/2017	RING - Threat Level Indicators
America			
United States of	62/475,494	3/23/2017	RING - Post-Call Upload, Dual
America			Stream
United States of	62/475,680	3/23/2017	RING - Two Cams, LR & HR,
America			Combining Data
United States of	62/477,977	3/28/2017	RING - Geolocation-Based Alerts
America			
United States of	62/482,112	4/5/2017	RING - Floodlight Cam Linking
America			
United States of	62/486,846	4/18/2017	RING - Spotlight Cam Wired
America			Mounting Assembly, Utility
United States of	62/488,032	4/20/2017	RING - Auto-Adjustable
America			Day/Night Motion Sensitivity
United States of	62/489,711	4/25/2017	RING - Local Processing &
America			Pushing Images to Devices
United States of	62/502,993	5/8/2017	RING - Spotlight Cam Battery,
America			Utility
United States of	62/509,712	5/22/2017	RING - Intelligent Event
America			Summary, Notifications, and
			Video Presentation
United States of	62/510,263	5/23/2017	RING - Presenting Police-
America			Sourced Info. to Users
United States of	62/510,271	5/24/2017	RING - Composite 3D Face for
America			Alerts
United States of	62/510,754	5/25/2017	RING - Variable Pricing Based on
America			Crime
United States of	62/513,300	5/31/2017	RING - Parcel Delivery
America			Prediction-based Theft
			Detection (Parcel Delivery
			Predictor)

United States of	62/513,296	5/31/2017	RING - Localized, In-App Police
America			Information & Suppressing
Haite of Chates of	62/514.004	6/4/2017	Redundant Calls to Police
United States of	62/514,904	6/4/2017	RING - Using Camera to Train
America	62/516 402	6/7/2017	PIR's to Filter
United States of	62/516,493	6/7/2017	RING - Behavior Pattern
America	62/546 270	6/7/2017	Learning and Alerts
United States of	62/516,270	6/7/2017	RING - Overlaying Sensor Data
America	52/545 420	6/7/2017	on Videos
United States of	62/516,430	6/7/2017	RING - Two Cams, LR & HR, LR
America	62/547.446	6/0/2017	Positioning HR
United States of	62/517,416	6/9/2017	RING - Identifying Suspicious
America			Persons, Prov. #2
United States of	62/518,468	6/12/2017	RING - Alarm Alerts
America			
United States of	62/519,114	6/13/2017	RING - Alarm Alerts 2
America			
United States of	62/519,866	6/15/2017	RING - Pinch/Pan to Digital
America			Zoom
United States of	62/521,865	6/19/2017	RING - Car Cam
America			
United States of	62/522,418	6/20/2017	RING - Two Cams, LR & HR, LR
America			Positioning HR with Stitching
United States of	62/523,771	6/23/2017	RING - Wi-Fi Protocol
America			Enhancement Tech's (iotera)
United States of	62/524,612	6/25/2017	RING - Environmentally
America			Conscious Packaging
United States of	62/525,182	6/26/2017	RING - Facemask Plus
America			Temperature
United States of	62/526,207	6/28/2017	RING - Selecting Video Frame for
America			Notification
United States of	62/527,908	6/30/2017	RING - Augmented Reality
America			Recording of Imaginary Visitors
United States of	62/527,914	6/30/2017	RING - Negative Detection Alerts
America			
United States of	62/528,280	7/3/2017	RING - Multistorage streaming
America			data for A/V surveillance and
			communcations devices. (Local
			Recording)
United States of	62/528,295	7/3/2017	RING - Systems and Methods for
America			strengthening on-site operability
			of wireless security devices
			(Home Size Used to Obviate
			Cust. Svc. Issues)
United States of	62/529,460	7/6/2017	RING - Camera Access Based on
America			User Location
United States of	62/531,616	7/12/2017	RING - Pre-roll image capture
America			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 communicaiton 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 - Autoamatic 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 - Animanl 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	62/593,000	11/30/2017	RING - Premises security system
America			configred to provide audio simulating occupancy
United States of	62/593,013	11/30/2017	RING - Location-Aware Parcel
America	,,	,,	Tracking Devices
United States of	62/593,093	11/30/2017	RING - Temporary Shared Users
America			& Shared Alarm Notifications &
		7.5.45.5.5	Party Mode
United States of	62/678,792	5/31/2018	RING - Occupancy-Based Arming
America United States of	62/593,097	11/30/2017	of Security System RING - Battery Operated Camera
America	02/333,037	11/30/2017	for Junction Box
United States of	62/593,108	11/30/2017	RING - Two Cams, LR & HR,
America			Stereoscope and 3D
United States of	62/594,404	12/4/2017	RING - Siren activation for A/V
America			recording and communications
11-1-161-1	62/505 204	42/5/2047	Devices
United States of America	62/595,384	12/6/2017	RING - Security device with images settings based on view
America			mode
United States of	62/595,729	12/7/2017	RING - sharing video footage
America			from A/V recording and
			communication devices
United States of	62/677,951	5/30/2018	RING - Suspect ID & Intruder
America			Detection Using Client Device
United States of	62/598,170	12/13/2017	RING - Moon-based alerts for
America			A/V recording and communications devices
United States of	62/677,453	5/29/2018	RING - Self-Configuring Security
America	02,077,133	3/23/2010	Devices
United States of	62/598,375	12/13/2017	RING - Suggesting motion zones
America			for A/V recording and
			communication devices
United States of	62/598,732	12/14/2017	RING - Video upload in limited
America	62/677.276	F /20 /2010	bandwidth
United States of America	62/677,276	5/29/2018	RING - Authorized User Profiles 2
United States of	62/607,762	12/19/2017	RING - Barrier alerts using
America		,,,	motion detection and
			communication devices
United States of	62/675,984	5/24/2018	RING - Motion Analysis (Susp.
America			Act. Det. Algo'ms.)
United States of	62/608,328	12/20/2017	RING - Predictive switching
America			between A/V recording and
United States of	62/675,424	5/23/2018	communication devices  RING - Audio-Based Notification
America	02/0/3,424	3/23/2010	Suppression
America			Juppi eggioti

United States of	C2/C09 C42	12/21/2017	DINC Detection of complet
United States of	62/608,642	12/21/2017	RING - Detection of gunshot
America			based on audio data from a
		7.45.75.55	microphone
United States of	62/674,727	5/22/2018	RING - Authorized User Profiles
America			
United States of	62/609,136	12/21/2017	RING - Verifying referrred users
America			of A/V recording and
			communications devices
United States of	62/610,723	12/27/2017	RING - Controlling activation of
America			multiple security systems
United States of	62/675,141	5/22/2018	RING - Peephole Camera with
America	( ) ( ) ( ) ( )	-, -=, -==	Pre-Roll
United States of	62/611,521	12/28/2017	RING - Identifying stolen
America	02/011,321	12/28/2017	products on sale on the Internet
	C2/C74 2F2	F /21 /2018	
United States of	62/674,253	5/21/2018	RING - Dog Wakeup Device
America			
United States of	62/611,658	12/29/2017	RING - Video classifying tool
America			with machine learning
United States of	62/613,466	1/4/2018	RING - Integrating A/V recording
America			and communication device data
			into criminal statistics
United States of	62/614,049	1/5/2018	RING - Geographically focused
America			posts of image data depicting
			suspicious activity
United States of	62/614,980	1/8/2018	RING - Security device mounting
America	02,011,300	1, 5, 2515	system and security device
7 timeried			assembly including the same
United States of	62/615,407	1/9/2018	RING - Security device mounting
	02/013,407	1/3/2018	,
America			system and security device
	20/245 202		assembly including the same
United States of	62/615,893	1/10/2018	RING - Ultrasonic Audio for
America			device setup
United States of	62/615,854	1/10/2018	RING - Configuring alert settings
America			for A/V recording and
			communication devices
United States of	62/616,391	1/11/2018	RING - Motion sensing and
America			power consumption control for
			A/V recording and
			communication devices
United States of	62/616,993	1/12/2018	RING - New Visitor algorithm
America	-=, -=-,	_,,,	
United States of	62/618,470	1/17/2018	RING - Collecting video evidence
America	02,010,470	1,17,2010	of a security event
	62/618 522	1/17/2010	
United States of	62/618,522	1/17/2018	RING - Intelligent Event
America			Summary, Notifications, and
			Video Presentation for A/V
			recording and communications
			devices

United States of America	62/618,562	1/17/2018	RING - Temporary supression of security event notifications
United States of	62/620,238	1/22/2018	RING - Systems and methods for
America	02/020,236	1/22/2016	liquid emission responsive to
America			detected entities
	50/500 70/	1/22/2242	
United States of	62/620,724	1/23/2018	RING - Weather alerts based on
America			audiovisial analysis
United States of	62/620,867	1/23/2018	RING - Signalling device for
America			emergency responders using
			data obtained from smart home
			hub device
United States of	62/621,105	1/24/2018	RING - Plug device
America			
United States of	62/622,069	1/25/2018	RING - Share Realization
America	,,	_,,	Moments
United States of	62/623,360	1/29/2018	RING - Low-Bandwidth Tracker
America	02/023,300	1/29/2018	with Secure Mode
	C3/F00 F03	12/15/2017	
United States of	62/599,502	12/15/2017	RING - Time-Dependent State-
America	50/570 000	- / /	Based Actions
United States of	62/672,928	5/17/2018	RING - Pocket Notification
America			Device (Ring Labs)
United States of	62/612,371	12/30/2017	RING - No-Movement
America			Notifications
United States of	62/672,344	5/16/2018	RING - Mounting Bracket with
America			Wireless Antenna
United States of	62/613,808	1/5/2018	RING - Stitched FOV
America			
United States of	62/617,156	1/12/2018	RING - Computer Vision for
America	' '	' '	Watering
United States of	62/622,023	1/25/2018	RING - Automated Door Hinge
America	02,022,023	1, 23, 2323	Times y later hatea been timige
United States of	62/622,395	1/26/2018	RING - Photo Recommendations
	02/022,393	1/20/2018	Mind - Filoto Necommendations
America of	62/622 202	1/20/2010	DINC Tanananan Natification
United States of	62/623,292	1/29/2018	RING - Temporary Notification
America		. / /	Suppression 2
United States of	62/623,840	1/30/2018	RING - Camera Tampering Based
America			on Video (Susp. Act. Det.
			Algo'ms.) (Ring Labs)
United States of	62/672,338	5/16/2018	RING - Camera Tampering
America			Protection
United States of	62/623,852	1/30/2018	RING - Audio from Tampering
America			with a Camera (Ring Labs)
United States of	62/669,175	5/9/2018	RING - Adaptive Light
America	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,	Illumination
United States of	62/624,041	1/30/2018	RING - License Plate Camera
America	02,02 1,041	1, 30, 2010	Mires Electise Flace Camera
United States of	62/624,574	1/31/2018	RING - Veronika Data
	02/024,3/4	1/31/2010	
America			Visualization Tool

United States of America	United States of America	62/625,048	2/1/2018	RING - Infrared Beacon Line- Break Sensor
United States of America	United States of	62/625,081	2/1/2018	RING - Overhead Sensor View
America United States of America United States of 62/668,993 5/9/2018 RING - In-App Notification Volume Control United States of 62/627,516 2/7/2018 RING - Smart Signs America United States of 62/628,261 2/8/2018 RING - Fused & Adjustable FOV with PIRs & Camera United States of 62/628,261 2/9/2018 RING - Solar/Motion Algorithm America United States of 62/630,663 2/14/2018 RING - Solar/Motion Algorithm America United States of 62/631,222 2/15/2018 RING - Poen Door Alerts America United States of 62/631,222 2/15/2018 RING - Open Door Alerts America United States of 62/631,301 2/15/2018 RING - Common Action America United States of 62/631,862 2/18/2018 RING - Full-Screen Notifications America United States of 62/669,102 5/9/2018 RING - Full-Screen Notifications America United States of 62/669,102 5/9/2018 RING - Gricumventing Do-Not-America United States of 62/632,522 2/20/2018 RING - Gricumventing Do-Not-America United States of 62/632,535 2/20/2018 RING - Gricumventing Do-Not-America United States of 62/632,535 2/20/2018 RING - Muting Mic for Siren America United States of 62/632,557 2/20/2018 RING - Neighborhood Alarm America United States of 62/632,557 2/20/2018 RING - Neighborhood Alarm America United States of 62/632,778 2/20/2018 RING - Wolce Authentication for America United States of 62/632,971 2/20/2018 RING - Camera Monitoring for Businesses United States of 62/632,971 2/20/2018 RING - Device Settings Based on America United States of 62/633,931 2/20/2018 RING - Device Settings Based on Threat Level United States of 62/633,931 2/22/2018 RING - Comera Monitoring Romerica United States of 62/634,705 2/23/2018 RING - Comera Monitoring Romerica United States of 62/634,705 2/23/2018 RING - Comera Monitoring Romerica United States of 62/634,714 2/23/2018 RING - Smart Home Pet Finder America United States of 62/634,714 2/23/2018 RING - Smart Home Pet Finder America United States of 62/635,077 2/26/2018 RING - Using AR to Display Crime				
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United States of America  United States of A		02,002,007	2, 23, 2323	Time Traighteen Time Time
America		62/668.740	5/8/2018	RING - Voice Authentication for
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America         2/23/2018         RING - Car Cam 2           United States of America         62/634,714         2/23/2018         RING - Car Cam 2           United States of Car Cam 2         2/26/2018         RING - Using AR to Display Crime		62/634 705	2/23/2018	-
United States of America       62/634,714       2/23/2018       RING - Car Cam 2         United States of United States of Car Cam 2       2/26/2018       RING - Using AR to Display Crime		02,034,703	2,23,2010	Mito Smarthomer cerminer
America   Z/26/2018   RING - Using AR to Display Crime		62/634 714	2/23/2018	RING - Car Cam 2
United States of 62/635,077 2/26/2018 RING - Using AR to Display Crime		02,034,714	2,23,2010	MINO Cui Caill 2
		62/635.077	2/26/2018	RING - Using AR to Display Crime
AMERICA I LOCATIONS	America	02/033,077	2, 20, 2010	Locations

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United States of	62/636,417	2/28/2018	RING - Camera with Photo-
America			Reactive Cover
United States of	62/637,023	3/1/2018	RING - Video Evidence File
America			Format & Auto-Generated
			Incident Report
United States of	62/637,026	3/1/2018	RING - Parking Spot Notifications
America			
United States of	62/638,854	3/5/2018	RING - Crime Trend Tracking
America			
United States of	62/638,895	3/5/2018	RING - Near-Far Motion
America			Detection
United States of	62/668,152	5/7/2018	RING - Fresnel Blocking Film
America			
United States of	62/638,906	3/5/2018	RING - Keypad Picture ID
America			Confirmation
United States of	62/665,424	5/1/2018	RING - Opening App to Relevant
America			Location for Multi-Location
			Users
United States of	62/639,890	3/7/2018	RING - Disarm Alarm with TV
America			Remote
United States of	62/639,983	3/7/2018	RING - Name-Based Device
America			Association
United States of	62/640,363	3/8/2018	RING - Holographic Camouflage
America			
United States of	62/640,460	3/8/2018	RING - Drawing Attention to Talk
America			Feature
United States of	62/641,624	3/12/2018	RING - Chime Protect, Hub
America		' '	Device Functionality & Ring Net
			Nodes
United States of	62/665,416	5/1/2018	RING - Motion Detection
America	,,	-, -,	Algorithm (Ring Labs)
United States of	62/641,679	3/12/2018	RING - Window Blinds
America	, - : -, - : -	7, ==, ====	Automation
United States of	62/642,410	3/13/2018	RING - Default Camera
America	02, 0.12, 120	0, 10, 2010	Times belaute surreru
United States of	62/664,908	4/30/2018	RING - Cyber Security for IoT
America	02,001,500	1,30,2010	Devices Using Security Hub
United States of	62/644,001	3/16/2018	RING - Motion Zones Defined by
America	02,044,001	3, 10, 2010	Other Devices
United States of	62/664,886	4/30/2018	RING - DIY Alarm Video
America	02,001,000	1,30,2010	Verification
United States of	62/644,077	3/16/2018	RING - Doorbell Security Cover
America	02,077,077	3, 10, 2010	Mires Boorbeil Security Cover
United States of	62/664,839	4/30/2018	RING - Driveway Camera System
America	02/004,039	4/30/2018	Mind - Driveway Camera System
	62/662 004	4/26/2019	DING Exterior Lighting Paged
United States of	62/663,084	4/26/2018	RING - Exterior Lighting Based
America	C2/C4F 472	2/20/2010	on Alarm Mode
United States of	62/645,472	3/20/2018	RING - Smart Motion Alerts
America			

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United States of America	United States of America	62/645,729	3/20/2018	RING - Authorization Request on Setup Button Press
United States of America   62/645,547   3/20/2018   RING - Continuous Machine Learning (Ring Labs)   United States of 62/647,117   3/23/2018   RING - Color Night Vision / Mixed Color and B&W Cameras with Rolling Sensors   Mixed Color and B&W Cameras with Rolling Sensors   RING - Multi-Antenna Beamforming   RING - Multi-Antenna Beamforming   RING - Multi-Antenna Beamforming   RING - Smart Lock with Wireless   Ring - Per Network for Answering Doorbells   Ring - Smart Lock with Wireless   Reuropean Patenteater   United States of   62/648,458   3/27/2018   RING - Smart Lock with Wireless   Reuropean Patenteater   Ring - Halloween Mode   Ring - Parked Car Push   Notifications   Ring - Parked Car Push   Notifications   Ring - Smart Mode   Ring - Smart Mode   Ring - Smart Mode   Ring - Ring Multiple Videos   Ring - Smart Mode   Ring - Smart Mode   Ring - Smart Mode   Ring - Ring Multiple Videos   Ring - Smart Mode   Rin	United States of	62/662,089	4/24/2018	RING - Hub as Proxy/Redundant
America United States of America United States		50/545 545	2/22/22/2	
United States of America   62/647,117   3/23/2018   RING - Color Night Vision / Mixed Color and B&W Cameras with RGBIR Sensors		62/645,547	3/20/2018	
America   Mixed Color and B&W Cameras with RGBIR Sensors   United States of   62/661,406   4/23/2018   RING - Multi-Antenna   Beamforming   RING - Multi-Antenna   Beamforming   RING - Multi-Antenna   Beamforming   RING - Poer Network for   Answering Doorbells   United States of   62/648,279   3/26/2018   RING - Smart Lock with Wireless   REuropean Patenteater   United States of   62/648,458   3/27/2018   RING - Smart Lock with Wireless   REuropean Patenteater   United States of   62/648,458   3/27/2018   RING - Parked Car Push   Notifications   United States of   62/648,535   3/27/2018   RING - Parked Car Push   Notifications   United States of   62/648,831   3/27/2018   RING - Sharing Multiple Videos   America   United States of   62/649,504   3/28/2018   RING - Watchlist   RING - Watchlist   United States of   62/649,504   3/28/2018   RING - Custom and Automated   Audio Prompts   United States of   62/659,499   4/18/2018   RING - Battery Deviation Alerts   America   United States of   62/649,766   3/29/2018   RING - Auxiliary Camera Device   America   United States of   62/649,881   3/29/2018   RING - Crowdsourcing Audio   Data for Detecting Gunshots   United States of   62/659,468   4/18/2018   RING - Duari-Function Device   America   United States of   62/659,468   4/18/2018   RING - Duari-Function Device   America   United States of   62/650,045   3/29/2018   RING - Device Response to   America   United States of   62/650,186   3/29/2018   RING - Device Response to   America   United States of   62/650,186   3/29/2018   RING - Device Response to   America   United States of   62/650,045   3/29/2018   RING - Self-Charging Tracking   Devices   United States of   62/650,045   3/30/2018   RING - Self-Charging Tracking   Devices   United States of   62/650,141   4/2/2018   RING - Oustomized Skin for Ring   Devices   United States of   62/651,411   4/2/2018   RING - Dushing Firmware from   United States of   62/651,411   4/2/2018   RING - Pushing Firmware from   United States of   62/651,413   4/2/2018   RING -		62/647 117	3/23/2018	
With RGBIR Sensors   With RGBIR Sensors   With RGBIR Sensors   With Ardenna   RING - Multi-Antenna   Ramerica   Wind - Multi-Antenna   Ramerica   Wind - Multi-Antenna   Ring - Multi-Antenna   Ring - Multi-Antenna   Ring - Peer Network for Answering Doorbells   Wind - States of Answering Doorbells   RING - Smart Lock with Wireless Reuropean Patenteater   Wind - States of America   Wind - States of Reuropean Patenteater   Wind - Multi-Antenna   Reuropean Patenteater   Wind - Multi-Antenna   Reuropean Patenteater   Wind - Multi-Antenna   Reuropean Patenteater   Wind - Parked Car Push   Notifications   Wind - Parked Car Push   Notifications   Wind - Sharing Multiple Videos   America   Wind - Sharing Multiple Videos   W		02/04/,11/	3/23/2010	_
United States of America	America			
America   Beamforming   Beamforming   Allored States of   62/660,299   A/20/2018   RING - Peer Network for Answering Doorbells   RING - Smart Lock with Wireless Reuropean Patenteater   Answering Doorbells   RING - Smart Lock with Wireless Reuropean Patenteater   RING - Halloween Mode   RING - Parked Car Push Notifications   RING - Parked Car Push Notifications   RING - Parked Car Push Notifications   RING - Sharing Multiple Videos   America   America   America   RING - Sharing Multiple Videos   RING - Sharing Multiple Videos   America   America   Allored States of   62/648,831   3/27/2018   RING - Sharing Multiple Videos   RING - Sharing Multiple Videos   America   America   Allored States of   62/660,103   A/19/2018   RING - Watchlist   RING - Watchlist   RING - Watchlist   RING - Watchlist   America   Audio Prompts   Allored States of   Allored States	United States of	62/661 406	4/22/2019	
United States of America		62/661,406	4/23/2016	
America   Answering Doorbells   United States of   62/648,279   3/26/2018   RING - Smart Lock with Wireless Reuropean Patenteater   United States of   62/648,458   3/27/2018   RING - Halloween Mode   America   Anerica   RING - Halloween Mode   United States of   62/648,535   3/27/2018   RING - Parked Car Push   Notifications   United States of   62/648,831   3/27/2018   RING - Sharing Multiple Videos   America   Anerica   Anerica   United States of   62/660,103   4/19/2018   RING - Sharing Multiple Videos   America   United States of   62/649,504   3/28/2018   RING - Custom and Automated   Audio Prompts   America   Anerica   Anerica   United States of   62/659,499   4/18/2018   RING - Battery Deviation Alerts   America   United States of   62/649,766   3/29/2018   RING - Auxiliary Camera Device   America   United States of   62/649,981   3/29/2018   RING - Crowdsourcing Audio   Data for Detecting Gunshots   United States of   62/659,468   4/18/2018   RING - Dual-Function Device   Mount   United States of   62/659,468   4/18/2018   RING - Dual-Function Device   Mount   United States of   62/650,045   3/29/2018   RING - Local Offline Recording   America   United States of   62/650,186   3/29/2018   RING - Device Response to   Application Access   United States of   62/650,780   3/30/2018   RING - Self-Charging Tracking   Devices   United States of   62/651,064   3/30/2018   RING - Video-Based Suggested   Actions   United States of   62/651,064   3/30/2018   RING - Customized Skin for Ring   Devices   United States of   62/651,411   4/2/2018   RING - Decibel Alerts   United States of   62/651,411   4/2/2018   RING - Decibel Alerts   United States of   62/651,413   4/2/2018   RING - Pushing Firmware from		C2/CC0 200	4/20/2010	
United States of America		62/660,299	4/20/2018	
America         Reuropean Patenteater           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           America         United States of         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 America           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 - Device Response to Application Access           United States of America         62/659,232         4/18/2018         RING - Device Response to Application Access           United States of America         62/651,011		62/640.270	2/25/2010	
United States of America  United States of America  America  United States of 62/648,535  America  United States of 62/648,535  United States of 62/648,831  United States of 62/648,831  America  United States of 62/660,103  America  United States of 62/660,103  America  United States of 62/649,504  America  United States of 62/659,499  United States of 62/659,499  America  United States of 62/649,766  United States of 62/649,766  America  United States of 62/649,981  United States of 62/659,488  United States of 62/650,045  America  United States of 62/650,045  America  United States of 62/650,045  America  United States of 62/659,232  United States of 62/659,232  United States of 62/659,232  United States of 62/659,232  United States of 62/650,780  America  United States of 62/651,011  3/30/2018  RING - Device Response to Application Access United States of America  United States of 62/651,011  3/30/2018  RING - Self-Charging Tracking Devices  United States of America  United States of 62/651,011  3/30/2018  RING - Customized Skin for Ring Devices  United States of 62/651,411  4/2/2018  RING - Decibel Alerts  RING - Decibel Alerts  RING - Decibel Alerts		62/648,279	3/26/2018	
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United States of 62/651,413 4/2/2018 RING - Pushing Firmware from		02,031,711	1, 2, 2010	Time Decide Merci
		62/651 413	4/2/2018	RING - Pushing Firmware from
energe a language de la language de	America	02,031,713	7, 2, 2010	Application

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United States of	62/651,641	4/2/2018	RING - Reporting Missing
America	02/051,041	4/2/2018	Objects to Neighborhoods
United States of	62/652,099	4/3/2018	RING - Using RSSI for
America	,,	,, =, ====	Suppressing Motion Alerts
United States of	62/652,140	4/3/2018	RING - Location Determination
America	02,032,110	1, 3, 2010	Using UWB Technology
United States of	62/652,796	4/4/2018	RING - Activating All Cameras in
America	02,032,730	17 17 2010	an Area
United States of	62/659,062	4/17/2018	RING - Distress Recognition
America			During Disarming of Security
			System
United States of	62/652,897	4/4/2018	RING - Parcel Lockbox
America			
United States of	62/653,841	4/6/2018	RING - Portable Camera for
America			Monitoring Belongings
United States of	62/654,081	4/6/2018	RING - Wireless Charging Mount
America	,,	,, -,	2 2
United States of	62/654,140	4/6/2018	RING - ARKit
America	52, 55 .,2 .5	., -,	
United States of	62/654,931	4/9/2018	RING - AC Volt Meter with Load
America	,,	., -,	Testing
United States of	62/655,771	4/10/2018	RING - Bicycle Stem Camera
America	02,033,771	1, 10, 2010	Time Bicycle Stem cumeru
United States of	62/658,589	4/16/2018	RING - Face Recognition
America	02,030,303	7, 10, 2010	Algorithms
United States of	62/658,992	4/17/2018	RING - Donate to Victim
America	02/030,332	7/17/2010	Kind Bollate to victim
United States of	62/659,018	4/17/2018	RING - Light Switch Alarm
America	02,033,010	1,17,2010	Activation
United States of	29/558,446	3/17/2016	RING - DoorBot, Design
America	25/350,440	3/17/2010	Mild Bookbot, Besign
United States of	29/558,589	3/18/2016	RING - RVD V2, Design
America	25/350,505	3/10/2010	Kilve Kvb v2, besign
United States of	29/634,022	1/17/2018	RING - RVD V2, Design, CON3
America	25/054,022	1/17/2010	(Akaso/Homscam)
United States of	29/634,030	1/17/2018	RING - RVD V2, Design, CON5
America	25/054,030	1/17/2010	(Akaso/Homscam)
United States of	29/634,031	1/17/2018	RING - RVD V2, Design, CON4
America	23/034,031	1,1,1,2010	(Akaso/Homscam)
United States of	29/667,614	10/23/2018	RING - RVD V2, Design,
America	25/00/,014	10,23,2010	(Akaso/Homscam) (US09CON)
United States of	29/550,314	12/31/2015	RING - Stick Up Cam, Design
America	25/550,517	12,31,2013	Mires Stick op calli, Design
Canada	CA20160169223F	6/28/2016	RING - Stick Up Cam, Design
China	201630295403	6/30/2016	RING - Stick Up Cam, Design
United States of	29/552,151	1/20/2016	RING - Range Modification,
America	23/332,131	1/20/2010	
United States of	20/552 160	1/20/2016	Design  PING Zanas Madification
	29/552,160	1/20/2016	RING - Zones Modification,
America			Design

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United States of	29/558,148	3/15/2016	RING - RVD Pro, Design
America	170204	0/1/2016	DINC DVD Day Daying
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	29/608,060	6/19/2017	RING - RVD Pro, CON
America	20/500 050	5/40/0047	DING BUR DOOL
United States of	29/608,059	6/19/2017	RING - RVD Pro, CON
America	20/550 700	5/45/2045	
United States of	29/653,720	6/18/2018	RING - RVD Pro, CON4
America		- /- /	
United States of	29/563,578	5/5/2016	RING - Solar-Powered Sign (v.1)
America		<u> </u>	(Design, Octagon)
United States of	29/563,580	5/5/2016	RING - Solar-Powered Sign (v.1)
America	<u> </u>	<u> </u>	(Design, Square)
United States of	29/563,585	5/5/2016	RING - Solar-Powered Sign (v.1)
America			(Design, Round)
United States of	29/563,929	5/9/2016	RING - Chime, Design
America			
United States of	29/566,096	5/26/2016	RING - Solar-Powered Sign v.2
America			(Design, Octagon)
United States of	29/566,098	5/26/2016	RING - Solar-Powered Sign v.2
America			(Design, Square)
United States of	29/566,100	5/26/2016	RING - Solar-Powered Sign v.2
America			(Design, Round)
United States of	29/571,280	7/15/2016	RING - Solar-Powered Sign v.3
America			(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)

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	1		
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	29/624,007	10/29/2017	RING - Solar-Powered Sign v.3,
America			CON1 (Design, Octagon)
			(US02CON)
India	288652	11/17/2016	RING - Solar-Powered Sign v.2
			(Design, Octagon)
United States of	29/571,283	7/15/2016	RING - Solar-Powered Sign v.3
America			(Design, Round)
United States of	29/624,011	10/29/2017	RING - Solar-Powered Sign v.3,
America			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	29/571,285	7/15/2016	RING - Solar-Powered Sign v.3
America			(Design, Square)
United States of	29/627,882	11/30/2017	RING - Solar-Powered Sign v.3
America			Design Square (US02CON)
United States of	29/571,957	7/22/2016	RING - Chime Pro, Design
America			_
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	29/633,855	1/16/2018	RING - Chime Pro, Design, CON1
America			, , , , , , , , , , , , , , , , , , , ,
China	201730019531.X	1/19/2017	RING - Chime Pro, Design (CN)
United States of	29/577,668	9/14/2016	RING - RVD Elite v.1, Design
America	,,		
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	201731403	3/14/2017	RING - RVD Elite v.1, Design
Mexico	MX/f/2017/000771	3/13/2017	RING - RVD Elite v.1, Design
IAIEVICO	1417/1/201//000//1	3/13/201/	(Mexico)
United States of	29/583,174	11/2/2016	RING - Floodlight Cam, Design
America	23/303,1/4	11/2/2010	Mind - Floodlight Cam, Design
	17///2	4/26/2017	PING Floodlight Com Docing
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	29/621,250	10/5/2017	RING - RVD Elite v.2, Design,
America			CON1
United States of	29/674,341	12/20/2018	RING - RVD Elite v.2, Design
America			(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	29/595,956	3/3/2017	RING - Solar Bracket for RVD,
America		3,3,232.	Design
Mexico	2017/002473	8/16/2017	RING - Solar Bracket for RVD,
		_,,	Design
 Canada	176536	8/17/2017	RING - Solar Bracket for RVD,
	17,000	0,1.,201.	Design (CA)
Korea, Republic of (KR)	30-2017-0039021	8/22/2017	RING - Solar Bracket for RVD,
norea, republic or (nit)	30 2017 0033021	0,22,201,	Design - KR
European Union	004157907-0001	8/22/2017	RING - Solar Bracket for RVD,
Laropean omon	004137307 0001	0,22,2017	Design
 India	296893	8/22/2017	RING - Solar Bracket for RVD,
inuia	230033	0/22/2017	Design
Australia	201715035	8/25/2017	RING - Solar Bracket for RVD,
Australia	201713033	0/23/2017	
lanan	2017-018420	8/28/2017	Design RING - Solar Bracket for RVD,
Japan	2017-010420	0/20/201/	
South Africa	A2017/01276	8/28/2017	Design RING - Solar Bracket for RVD,
South Affica	A2017/01376	0/20/201/	•
Tatawa	100305011	0/20/2017	Design (ZA)
Taiwan	106305011	8/30/2017	RING - Solar Bracket for RVD,
	400004700444	0/24/2017	Design
Indonesia	A00201702144	8/31/2017	RING - Solar Bracket for RVD,
el :	204700444666	0/4/0047	Design (ID)
China	201730411666	9/1/2017	RING - Solar Bracket for RVD,
		- / - /	Design
Colombia	NC2017/0009011	9/1/2017	RING - Solar Bracket for RVD,
		<u>.</u>	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	29/702,207	8/16/2019	RING - Solar Bracket for RVD,
America			Design (US03CON)
United States of	29/601,059	4/18/2017	RING - Spotlight Cam Wired
America			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	29/601,061	4/18/2017	RING - Spotlight Cam Wired
America			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	29/603,240	5/8/2017	RING - Spotlight Cam Battery,
America			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	29/632,689	1/9/2018	RING - Spotlight Cam Battery,
America			Design, CON1
United States of	29/663,610	9/17/2018	RING - Spotlight Cam Battery,
America			Design (US03CON)
United States of	29/680,402	2/15/2019	RING - Spotlight Cam Battery,
America			Design (US04DIV)

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United States of America	29/680,414	2/15/2019	RING - Spotlight Cam Battery, Design (US05DIV)
	20/700 577	0/2/2010	
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	29/607,936	6/17/2017	RING - RVD V4, Design, CIP (RVD
America	29/007,930	0/1//201/	2)
United States of	29/637,324	2/15/2018	RING - RVD V4, Design, CIP (RVD
America			2), CON1
United States of	29/637,325	2/15/2018	RING - RVD V4, Design, CIP (RVE
America	, ,		2), CON2
United States of	29/610,432	7/12/2017	RING - Battery Pack, Design
America	,,	',,	
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	29/662,627	9/6/2018	RING - Battery Pack, Design
America	23,002,027	3,0,2010	(US02CON)
United States of	29/610,934	7/17/2017	RING - Spotlight Cam Wired,
America			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,
Mexico	MX/f/2017/004168	12/19/2017	Design 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,
<del></del>	40700005	4/4/2040	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,
South Africa	A2018/00047	1/12/2018	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,
United States of America	29/669,220	11/6/2018	Design  RING - Spotlight Cam Wired,  Design (US02CON)

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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	29/617,866	9/15/2017	RING - Ring Alarm Keypad,
America	23,017,000	3, 13, 201,	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	29/678,523	1/29/2019	RING - Ring Alarm Keypad,
America			Design (USO2CON)
United States of	29/696,899	7/2/2019	RING - Ring Alarm Keypad,
America	, ,	, ,	Design (US03CON)
United States of	29/617,868	9/15/2017	RING - Ring Alarm Network
America			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

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Australia	201811385	3/8/2018	RING - Ring Alarm Network Extender, Design
China	201830088170	3/9/2018	RING - Ring Alarm Network
Haitad Ctataa af	20/610 707	0/22/2017	Extender, Design (CN01)
United States of America	29/618,707	9/22/2017	RING - Angled Adapter for FLC, Design
United States of	29/618,543	9/21/2017	RING - Sleeve for Stick Up Cam,
America	29/010,545	9/21/2017	Design
United States of	29/621,448	10/9/2017	RING - In-Store Display, Design,
America	,,	,	Emb 1
United States of	29/621,449	10/9/2017	RING - In-Store Display, Design,
America			Emb 2
United States of	29/622,167	10/14/2017	RING - Solar Bracket for RVD 2,
America	, ,		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	29/702,210	8/16/2019	RING - Solar Bracket for RVD 2,
America			Design (US03CON)
United States of	29/623,299	10/24/2017	RING - Ring Alarm Flood &
America			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	DING Ping Alarm Siran Dasian
Korea, Republic of (KR)	30-2018-0014424	3/21/2018	RING - Ring Alarm Siren, Design 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 Street, Design
United States of	29/623,306	10/24/2017	RING - Ring Alarm Smoke & CO
America			Sensor, Design

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	T	0 /00 /00 0	
Canada	180416	3/22/2018	RING - Ring Alarm Smoke & CO Sensor, Design
Variable 112 Chies	20 2019 0014425	2/27/2019	
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
Cillia	201830148170	4/12/2018	Sensor, Design
Australia	201812217	4/16/2018	RING - Ring Alarm Smoke & CO
, tosti uliu		,, 10, 2020	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	29/632,538	1/8/2018	RING - Lunar, Design
America			
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	29/632,541	1/8/2018	RING - Stick Up Cam Wired,
America			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	29/632,749	1/9/2018	RING - Stick Up Cam Wired,
America			Design
United States of	29/632,743	1/9/2018	RING - Lunar, Design 2
America			
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
C II AC:	12010/21053	7/0/2242	Africa)
South Africa	A2018/01053	7/9/2018	RING - Lunar, Design 2 (South
Carrelle Africa	A2010/01054	7/0/2010	Africa)
South Africa	A2018/01054	7/9/2018	RING - Lunar, Design 2 (South
	2010 2040	7/0/2010	Africa)
Japan	2019-2049	7/9/2018	RING - Lunar, Design 2 (Japan)
lanan	2010 10625	F/16/2010	(JP03)
Japan	2019-10635	5/16/2019	RING - Lunar, Design 2 (JP04DIV)

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		T	
United States of 29/632,754		1/9/2018	RING - Stick Up Cam Wired,
America			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,
Japan	2013 2030	,,5,2010	Design 2 (JP03DIV)
United States of	29/704,053	8/30/2019	RING - Stick Up Cam Wired
America	25/701,055	0/30/2013	(USO2DIV)
Japan	2019-10633	5/16/2019	RING - Stick Up Cam Wired,
Jupun	2013 10033	3/10/2013	Design 2 (JP04DIV)
United States of	29/643,817	4/12/2018	RING - RVD Pro V3, Design
America	25/045,017	4/ 12/ 2010	Kilva Kvb i io vo, besign
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 (CA)
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
	20 2040 45000 (14000)	40/40/0040	(AU02)
Korea, Republic of (KR)	30-2018-46929 (M002)	10/12/2018	RING - RVD Pro V3, Design
			(KR02)
	20/500 225	2/44/2040	DING 20/22 20 1
United States of	29/680,235	2/14/2019	RING - RVD Pro V3, Design
America			(USO2CON)
Taiwan	107306017D01	10/11/2018	RING - RVD Pro V3, Design
			(TW02DIV)
United States of	29/553,591	2/3/2016	RING - Spotlight
America		2/29/2016	
China	201630054968		RING - Spotlight
United States of	29/611,125	7/19/2017	RING - Motion Sensor, Design
America			
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

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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	29/607,369	6/13/2017	RING - Compact Night Light,
America		-,,	Design
China	201730556336	11/13/2017	RING - Compact Night Light, Design
United States of	29/632,480	1/8/2018	RING - Ring Beams Floodlight
America		-, -,	(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

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Australia	201813994	7/6/2018	RING - Ring Beams Floodlight
- 1	100105	7/0/0040	(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	29/632,539	1/8/2018	RING - Ring Beams Floodlight
America			(MB3400), Design
Australia	201813995	7/6/2018	RING - Ring Beams Floodlight
			(MB3400), Design (Australia)
Canada	182186	7/3/2018	RING - Ring Beams Floodlight
		7,5,2525	(MB3400), Design (Canada)
China	201830367569	7/9/2018	RING - Ring Beams Floodlight
Cimia	201030307303	77372010	(MB3400), Design (China)
Korea, Republic of (KR)	30-2018-31148	7/6/2018	RING - Ring Beams Floodlight
Korca, Republic of (Kit)	30 2010 31140	77072010	(MB3400), Design (Korea)
lanan	2018-014936	7/5/2018	RING - Ring Beams Floodlight
Japan	2010-014930	7/3/2010	
Tairren	107202077	7/6/2010	(MB3400), Design (Japan)
Taiwan	107303877	7/6/2018	RING - Ring Beams Floodlight
Haira de la constanta de la co	20/455 570	F /22 /2012	(MB3400), Design (Taiwan)
United States of	29/455,578	5/22/2013	RING - Spotlight
America	20/500 074	2/27/2245	2000 0 10 10 2004
United States of	29/522,074	3/27/2015	RING - Spotlight - CON1
America			
United States of	29/459,266	6/27/2013	RING - DoorBot, Design
America			
United States of	29/459,268	6/27/2013	RING - DoorBot, Design
America			
United States of	29/467,429	9/19/2013	RING - Spotlight
America			
European Union	2426619-0001	3/17/2014	RING - Spotlight
United States of	29/488,869	4/24/2014	RING - Mini night light
America			
United States of	29/521,287	3/23/2015	RING - Portion of a mini night
America			light - DIV
United States of	29/494,447	6/20/2014	RING - Path light
America			_
United States of	29/532,244	7/2/2015	RING - Compact path light
America			
China	201530569182.x	12/31/2015	RING - Compact path light
United States of	29/582,008	10/24/2016	RING - Slim light, Design
America			2
China	201630594962	12/6/2016	RING - Slim Light, Design
Cilila	_ 20103033430Z	12/0/2010	וווויס שוווו בוצוונ, שכאצוו

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United States of	29/544,811	11/6/2015	RING - Spotlight
America		40/44/0045	5000 5 000
China	201530522156	12/11/2015	RING - Spotlight
United States of	29/544,815	11/6/2015	RING - Ceiling light
America			
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	29/648,047	5/17/2018	RING - Spotlight Cam Wired Wall
America			Plate, Design
China	201830627612	11/7/2018	RING - Spotlight Cam Wired
			Ceiling Mount, Design - CN
United States of	11/692,075	3/27/2007	RING - Wireless lighting
America		' '	
United States of	13/469,705	5/11/2012	RING - Motion activated off grid
America			led light
United States of	15/145,415	5/3/2016	RING - Network of motion
America			sensor lights with synchronized
			operation
United States of	15/486,129	4/12/2017	RING - Cloud connected lighting
America			system
United States of	15/827,611	11/30/2017	RING - Cloud-Connected Off-
America			Grid Lighting and Video System
United States of	16/022,529	6/28/2018	RING - Cloud-Connected Off-
America			Grid Lighting and Video System
United States of	12/903,273	10/13/2010	RING - Remote switch sensing in
America			lighting devices
United States of	13/949,856	7/24/2013	RING - Remote switch sensing in
America			lighting devices
United States of	14/974,573	12/18/2015	RING - Standby switch sense
America			emergency lighting device
United States of	12/827,574	6/30/2010	RING - Wireless emergency
America			lighting system
United States of	13/928,106	6/26/2013	RING - Integrated power outage
America			lighting system controller
United States of	14/284,122	5/21/2014	RING - Wireless lighting network
America			with external remote control
			(US03CON)
United States of	13/315,414	12/9/2011	RING - Grid shifting system for a
America			lighting circuit
United States of	14/627,214	2/20/2015	RING - Coordinated autonomous
America			network of grid powered
			lighting devices
United States of	15/147,422	5/5/2016	RING - Coordinated network of
America			autonomous off grid powered
			lighting devices

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United States of	15/726,196	10/5/2017	RING - Wireless lighting system
America			with camera operation
United States of	15/876,040	1/19/2018	RING - Wirelessly Controllable
America			Lighting Module
United States of	15/905,475	2/26/2018	RING - Motion Sensitive
America			Communication Device for
			Controlling Lighting
United States of	15/905,550	2/26/2018	RING - Motion Sensitive
America			Communication Device for
			Controlling IR Lighting
United States of	15/905,581	2/26/2018	RING - Video on Demand for
America			Communication Devices
United States of	15/983,515	5/18/2018	RING - Wireless lighting system
America	13,503,513	3, 13, 2313	with camera operation
United States of	16/226,305	12/19/2018	RING - Motion Sensitive
America	10/220,303	12/13/2010	Communication Device for
America			Controlling IR Lighting
United Ctates of	12/626 640	11/26/2000	(US11CON)
United States of	12/626,640	11/26/2009	RING - Wireless lighting devices
America	40/004 000	0/40/2044	and applications
United States of	13/231,822	9/13/2011	RING - Switch sensing
America			emergency lighting device
United States of	13/247,620	9/28/2011	RING - Switch sensing
America			emergency lighting power
			supply
United States of	13/267,851	10/6/2011	RING - Power outage detector
America			and transmitter
United States of	13/283,468	10/27/2011	RING - Off-grid led power failure
America			lights
United States of	13/309,196	12/1/2011	RING - Lighting wall switch with
America			power failure capability
United States of	13/335,014	12/22/2011	RING - Wireless power inverter
America			for lighting
United States of	13/789,570	3/7/2013	RING - Detection and wireless
America	13,703,370	3,7,2013	control for auxiliary emergency
7 tilleried			lighting
United States of	14/974,521	12/18/2015	RING - Grid connected
America	14/3/4,321	12/10/2013	coordinated lighting adapter
	12/772 562	F /2 /2010	
United States of	12/772,563	5/3/2010	RING - Wireless lighting devices
America	20440000000	F /2 /2011	and grid-shifting applications
China	201180033264	5/2/2011	RING - Wireless lighting devices
			and grid-shifting applications
United States of	13/723,803	12/21/2012	RING - Distributed energy
America			management using grid-shifting
			devices
United States of	12/942,134	11/9/2010	RING - Autonomous grid shifting
America			lighting device
United States of	14/468,821	8/26/2014	RING - Battery backup motion
America			sensing lighting device

United States of	14/740,833	6/16/2015	RING - Line protection and
America	14/740,033	0/10/2013	coupling circuit for switch
7 tilleried			sensing devices
United States of	15/215,001	7/20/2016	RING - Cloud connected motion
America	13/213,001	772072010	sensor lighting grid
Canada	2744709	11/26/2009	RING - Wireless lighting devices
Canada	2744709	11/26/2009	
Carada	2057100	11/25/2000	and applications
Canada	2957199	11/26/2009	RING - Wireless lighting devices
	200001	11/25/2222	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	9829824	11/26/2009	RING - Wireless Lighting Devices
Republic of)			and Applications (NetBright) -
			DE
United Kingdom	9829824	11/26/2009	RING - Wireless Lighting Devices
			and Applications (NetBright) -
			GB
United States of	11/847,509	8/30/2007	RING - Wireless light bulb
America			_
India	772/KOLNP/2010	3/1/2010	RING - Wireless light bulb
United States of	14/164,548	1/27/2014	RING - Smart phone controlled
America			wireless light bulb
United States of	15/985,496	5/21/2018	RING - Smart phone controlled
America		-,,	wireless light bulb
United States of	13/446,674	4/13/2012	RING - Lighting device capable of
America	15/110,071	1, 13, 2012	maintaining light intensity in
, tilleried			demand response applications
United States of	15/394,521	12/29/2016	RING - Wireless proximity aware
America	13/334,321	12/23/2010	remote control lighting system
America			(US03CON)
United States of	13/920,545	6/18/2013	RING - Group management of a
America	15/320,343	0/10/2013	wireless power outage lighting
America			
United States of	13/646,593	10/5/2012	system  PINC Wireless lighting device
America	15/040,595	10/3/2012	RING - Wireless lighting device
	14/002 511	4/0/2015	with charging port
United States of	14/682,511	4/9/2015	RING - Modular coordinated
America	42/222 222	7/5/2010	lighting system
United States of	12/830,923	7/6/2010	RING - Long range radio
America			frequency identification system
	11/000 555	10/00/5	(US02)
United States of	14/060,283	10/22/2013	RING - Methods for enabling
America	<u> </u>	<u> </u>	low-power rfid communication
United States of	14/201,897	3/9/2014	RING - Device positioning using
America			acoustic and radio signals
United States of	14/732,708	6/6/2015	RING - Circuit and antenna
America			design for small form factor
			internet of things devices

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United States of	14/499,828	9/29/2014	RING - RVD V2, Utility
America	45/405.000	4 /40 /0047	DING BUD IS HUILT COM
United States of America	15/405,033	1/12/2017	RING - RVD V2, Utility, CON1 (CON of 828)
United States of	14/981,096	12/28/2015	RING - Zones and Range
America			Modification, CIP
United States of	15/839,772	12/12/2017	RING - Zones and Range
America			Modification, CON1 (US02)
United States of	14/905,653	1/15/2016	RING - USB Dongle
America			
European Patent	14826269	7/17/2014	RING - USB Dongle
United States of	15/645,250	7/10/2017	RING - USB Dongle, CON1 (CON
America			of 653)
France	14826269	7/17/2014	RING - USB Dongle - FR
Germany (Federal	14826269	7/17/2014	RING - USB Dongle - DE
Republic of)		,, = , , = = .	
United Kingdom	14826269	7/17/2014	RING - USB Dongle - GB
United States of	15/150,387	5/9/2016	RING - Chime, Utility
America			, ,
United States of	15/217,741	7/22/2016	RING - Chime Pro, Utility
America			,
United States of	15/911,013	3/2/2018	RING - Chime Pro, CON1, Utility
America			(CON of 741) (US02CON)
China	2017800519119	6/23/2017	RING - Chime Pro, Utility - CN
United States of	15/784,041	10/13/2017	RING - Auto-Provisioning for
America			Wireless Speaker Device
United States of	15/148,981	5/6/2016	RING - Doorbell with Integrated
America			Image Sensor/Button
United States of	15/359,174	11/22/2016	RING - PIR Motion Detection,
America			Vehicle Filter
United States of	15/359,300	11/22/2016	RING - PIR Motion Detection, No
America			Interrupts
United States of	15/359,772	11/23/2016	RING - PIR Motion Detection,
America			Temperature Trace (CON of 300)
United States of	15/360,704	11/23/2016	RING - PIR Motion Detection,
America			Approaching vs. Departing (CON
			of 300)
United States of	15/359,407	11/22/2016	RING - PIR Motion Detection,
America			Direct Sunlight Filter
United States of	15/380,303	12/15/2016	RING - Live View Settings, Power
America			Setting
United States of	15/380,044	12/15/2016	RING - Video on Demand
America			
United States of	15/897,066	2/14/2018	RING - Video on Demand, CON1
America			(US02CON) (CON of 044)
United States of	15/380,403	12/15/2016	RING - Live View Settings,
America			Dynamic Adjustment
United States of	15/898,431	2/17/2018	RING - Live View Settings, CON1
America			(CON of 403)

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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	16/008,364	6/14/2018	RING - Neighborhoods, Client
America	. ,		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 (USO2)

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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 (USO2)
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 Alert
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 (USO2)
United States of America	ates of N/A N\A	N\A	RING - Dynamically Offering Free Install (USO2)
United States of America	N/A	N\A	RING - Augmented Reality Glasses

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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
	N1/A	NI) A	0 : 0
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	N/A	N\A	RING - Next of Kin Notification
America	1.4		System
United States of	N/A	N\A	RING - Tagging Intruders
America	14/74	1467	Tugging includers
Chile	N/A	N\A	RING - Video on Demand
United States of	N/A	N\A	RING - Language Setup and
America	IN/A	INVA	Dynamic Translation
United States of	N/A	N\A	RING - User-Defined FOV with
America	IN/A	INVA	Panorama
United States of	NI/A	NI) A	RING - Client Device Location-
America	N/A	N\A	Based Arming Notifications (Aux Lights)
United States of	N/A	N\A	RING - Motion Detection Based
America			on RSSI
United States of America	N/A	N\A	RING - Low Bitrate Optical Communication Link
United States of	N/A	N\A	RING - Ring Alarm Temporary
America			Bypass
United States of	N/A	N\A	RING - Emergency Camera
America			Access (Amber Alert)
United States of America	N/A	N\A	RING - Site Survey Drone
United States of	N/A	N\A	RING - Smart Window Lock
America			
United States of America	N/A	N\A	RING - Robotic Security Animal
United States of	N/A	N\A	RING - Voice User Interface for
America	'', '		Camera Device
United States of	N/A	N\A	RING - Still Images Used to
America	'7''	1,4,	Transition btw. Videos
United States of	N/A	N\A	RING - Audio Alerts thru Speaker
America	13/73	1.4/17	Devices
United States of	N/A	N\A	RING - Solar Panel
America	13/73	1.4/17	Recommender
United States of	N/A	N\A	RING - Auto-Switching Wi-Fi
America	19/7	14/4	Radio
United States of	N/A	N\A	RING - Possum Mode (US02)
America	,	· · · · ·	(332)

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	1 21/4	1.00.0	
United States of	N/A	N\A	RING - Shortened Delay Based
America			on Threat Level
United States of	N/A	N\A	RING - Smoke Detector Activates
America			Camera
United States of	N/A	N\A	RING - Universal Login
America			
United States of	N/A	N\A	RING - CV-Assisted Marketing
America			
United States of	N/A	N\A	RING - Sound output
America		·	synchronization for networked
			devices
United States of	N/A	N\A	RING - Modifying Device
America	,		Behavior Based on Location
United States of	N/A	N\A	RING - Smart Offline Alerts
America	19/7	11/1	MING - Smart Omine Alerts
United States of	N/A	N/ V	RING - Smart Car Cover
	IN/A	N\A	NING - SMart Car Cover
America	21/2		DING OL: AD A A A
United States of	N/A	N\A	RING - Object Protection Mode
America			
United States of	N/A	N\A	RING - Siren activation for A/V
America			recording and communications
			Devices
United States of	N/A	N\A	RING - Suggesting motion zones
America			for A/V recording and
			communication devices
United States of	N/A	N\A	RING - Verifying referrred users
America			of A/V recording and
			communications devices
United States of	N/A	N\A	RING - Video classifying tool
America			with machine learning
United States of	N/A	N\A	RING - Systems and methods for
America	IN/A	17.75	liquid emission responsive to
America			detected entities
United States of	N/A	N\A	RING - Weather alerts based on
	IN/A	IN/A	
America	N1/A	D.1\ A	audiovisial analysis
United States of	N/A	N\A	RING - Signalling device for
America			emergency responders using
			data obtained from smart home
			hub device
United States of	N/A	N\A	RING - Stitched FOV
America			
United States of	N/A	N\A	RING - Temporary Notification
America			Suppression 2 (US02)
United States of	N/A	N\A	RING - Veronika Data
America			Visualization Tool
United States of	N/A	N\A	RING - Smart Signs
America	'''		
United States of	N/A	N\A	RING - Solar/Motion Algorithm
America	13/73	1,1/1	Till G Soldi / Modoli Algoridiiii
AIIIEIILA			

United States of America	N/A	N\A	RING - Zoom to Action
United States of	N/A	N\A	RING - Voice Authentication for
	IN/A	INVA	
America			Arming Security System via
			Phone
United States of	N/A	N\A	RING - Smart Home Pet Finder
America			
United States of	N/A	N\A	RING - Window Blinds
America			Automation
United States of	N/A	N\A	RING - Smart Motion Alerts
America			
United States of	N/A	N\A	RING - Watchlist
America			
United States of	N/A	N\A	RING - Smart Lock with Wireless
America	14/73	14/1	REuropean Patenteater
United States of	N/A	N\A	RING - Video-Based Suggested
	IN/A	INVA	
America	21/4		Actions
United States of	N/A	N\A	RING - Using RSSI for
America			Suppressing Motion Alerts
United States of	N/A	N\A	RING - Wireless Charging Mount
America			
United States of	N/A	N\A	RING - Reminder for Disabled
America			Notifications
United States of	N/A	N\A	RING - Mapping PIR Settings to
America			Camera Motion Zones
United States of	N/A	N\A	RING - Authorization Request on
America	,	,	Setup Button Press
France	N/A	N\A	RING - RVD Elite, Utility - FR
Colombia	NC2017/0010904	10/26/2017	RING - Spotlight Cam Battery,
Colombia	146261776616361	10,20,2017	Design
Mexico	MX/f/2018/000184	1/18/2018	RING - Spotlight, Design (MX)
	MX/f/2018/000184		
Mexico	<del></del>	1/18/2018	RING - Step Light, Design (MX)
United States of	16/368,406	3/28/2019	RING - RVD V5, RingNet Bridge
America		<u> </u>	(US02)
Mexico	MX/f/2018/003045	10/11/2018	RING - RVD Pro V3, Design (MX)
United States of	13/335,147	12/22/2011	RING - Coordinated System of
America			Battery Powered Wireless Lights
United States of	15/965,723	4/27/2018	RING - Grid connected
America			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
zaropean racent	101,2.30	11, 20, 2005	and applications
Hong Kong	12103028	11/26/2009	RING - Wireless lighting devices
HOUR KOUR	12103020	11/20/2009	
Haita d Ctata - af	15/211 071	7/15/2016	and applications
United States of	15/211,071	7/15/2016	RING - Beaconing wireless
America			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

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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

	1 1		
United States of	15/656,241	7/21/2017	RING - Builders, Written
America			Instructions (claims priority to
			prov of 117)
United States of	16/517,576	7/20/2019	RING - Parcel Theft Deterrence
America			(US04CON)
United States of	15/669,393	8/4/2017	RING - Parcel Theft Deterrence
America			for A/V communication devices
			(claims priority to 119 provs)
United States of	15/669,606	8/4/2017	RING - Self-Addressed Parcel
America	, ,		Tracking Devices, Non-
			Provisional #1 (also claims
			priority to 505 prov in 119)
United States of	15/669,716	8/4/2017	RING - Self-Addressed Parcel
America	12,003,710	3, 1, 232,	Tracking Devices, Non-
7 WHETTEG			Provisional #2 (claims priority to
			same provs as 121)
United States of	15/675,726	8/12/2017	RING - Rewards (US02)
America	13/0/3,/20	0/12/201/	Kilvo - Newards (0302)
United States of	16/294,030	3/6/2019	DINC Speed Comers Non
	16/294,030	3/6/2019	RING - Speed Camera, Non-
America	DCT/UC2017/050145	0/5/2017	Provisional (US03CON)
Patent Cooperation	PCT/US2017/050145	9/5/2017	RING - RVD Elite, PCT
Treaty			
United States of	15/711,088	9/21/2017	LIT - RING - Two-Camera Device
America			
Patent Cooperation	PCT/US2017/052643	9/21/2017	LIT - RING - Two-Camera Device,
Treaty			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	PCT/US2017/053412	9/26/2017	RING - Pre-Roll, PCT
Treaty			
United States of	16/192,533	11/15/2018	RING - Pre-Roll (US03CON)
America			, , , , , , , , , , , , , , , , , , ,
European Patent	17854114	9/26/2017	RING - Pre-Roll - EP
China	201780058594	9/26/2017	RING - Pre-Roll - CN
United States of	15/793,997	10/26/2017	RING - Parcel Delivery Assistant
America		15, 25, 251,	(USO2)
United States of	15/794,001	10/26/2017	RING - Customizable Intrusion
America	15/ / 54,001	10,20,2017	Zones
United States of	15/897,792	2/15/2018	RING - Intrusion Zones Based on
	15/03/,/32	2/15/2016	
America	15/007.007	2/15/2010	Alarm State (Configuration)
United States of	15/897,887	2/15/2018	RING - Intrusion Zones Based on
America	45 (004 05 5	10/5/00:5	Alarm State (Implementation)
United States of	15/831,854	12/5/2017	RING - Two Cameras, Low-Res &
America			High-Res (US02)
United States of	16/551,358	8/26/2019	RING - Streaming End Detection
America			(US03CON)

Haited Ctates of	16/201 470	4/22/2010	DING Two Comes LD 9 LID LD
United States of	16/391,470	4/23/2019	RING - Two Cams, LR & HR, LR
America			Motion on HR Bkgrnd.
11 1 10 1	45 /005 740	2/25/2010	(US03CON)
United States of	15/905,718	2/26/2018	RING - Solar Bracket for RVD,
America	45 /000 776	2/22/2242	Utility (US02)
United States of	15/933,776	3/23/2018	RING - Post-Call Upload, Dual
America			Stream (US02)
United States of	15/927,794	3/21/2018	RING - Two Cams, LR & HR,
America			Combining Data (US02)
United States of	16/577,505	9/20/2019	RING - Geolocation-Based Alerts
America			(US03CON)
United States of	15/942,334	3/30/2018	RING - Floodlight Cam Linking
America			(US02)
United States of	16/394,365	4/25/2019	RING - Spotlight Cam Wired
America			Mounting Assembly, Utility
			(US03CON)
United States of	15/956,005	4/18/2018	RING - Auto-Adjustable
America			Day/Night Motion Sensitivity
United States of	15/959,164	4/20/2018	RING - Local Processing &
America			Pushing Images to Devices
			(US02)
United States of	15/986,376	5/22/2018	RING - Intelligent Event
America			Summary, Notifications, and
			Video Presentation (US02)
United States of	15/984,298	5/18/2018	RING - Composite 3D Face for
America			Alerts
United States of	16/595,243	10/7/2019	RING - Localized, In-App Police
America			Information & Suppressing
			Redundant Calls to Police
			(US03CON)
United States of	16/003,035	6/7/2018	RING - Overlaying Sensor Data
America			on Videos
United States of	16/543,376	8/16/2019	RING - Two Cams, LR & HR, LR
America			Positioning HR (US04CON)
United States of	15/905,683	2/26/2018	RING - Identifying Suspicious
America			Persons
United States of	16/017,812	6/25/2018	RING - Wi-Fi Protocol
America			Enhancement Tech's (iotera)
			(US02)
United States of	16/019,909	6/27/2018	RING - Selecting Video Frame for
America			Notification (US02)
United States of	16/001,627	6/6/2018	RING - Behaviour aware security
America			systems and associated methods
			(Searching for Unusual or
			Suspicious Videos) (US02)
United States of	16/001,685	6/6/2018	RING - Behaviour aware security
America	, ===,= 22	, -,	systems and associated methods
			(Searching for Unusual or
			_ ·
			Suspicious Videos) (US03)

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

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