US00D924821S

(12) **United States Design Patent**
Bard et al.

(10) **Patent No.: US D924,821 S**
(45) **Date of Patent: ** *Jul. 13, 2021**

(54) **ILLUMINATED CONTROL DEVICE**

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(73) Assignee: **Lutron Technology Company LLC**, Coopersburg, PA (US)

(*) Notice: This patent is subject to a terminal disclaimer.

(**) Term: **15 Years**

(21) Appl. No.: **29/708,696**

(22) Filed: **Oct. 9, 2019**

Related U.S. Application Data

(63) Continuation of application No. 29/569,786, filed on Jun. 30, 2016, now Pat. No. Des. 868,010.

(51) **LOC (13) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/174**

(58) **Field of Classification Search**
USPC D13/162, 168, 171, 173, 174; D7/393; D8/310, 312; D26/24, 26, 37, 89
CPC H01H 3/12; H01H 3/122; H01H 9/02; H01H 9/16; H01H 9/18; H01H 9/181; H01H 9/182; H01H 13/023; H01H 13/04; H01H 13/06; H01H 13/14; H01H 2009/187;
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,392,388 A 2/1995 Gibson
D556,938 S * 12/2007 Russello D26/89
(Continued)

OTHER PUBLICATIONS

Legrand® / Pass & Seymour®, P&S Dimmers—DR Series Brochure, 2010, 2 pages.
(Continued)

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(74) *Attorney, Agent, or Firm* — Saidman DesignLaw Group, LLC

(57) **CLAIM**

The ornamental design for an illuminated control device, as shown and described.

DESCRIPTION

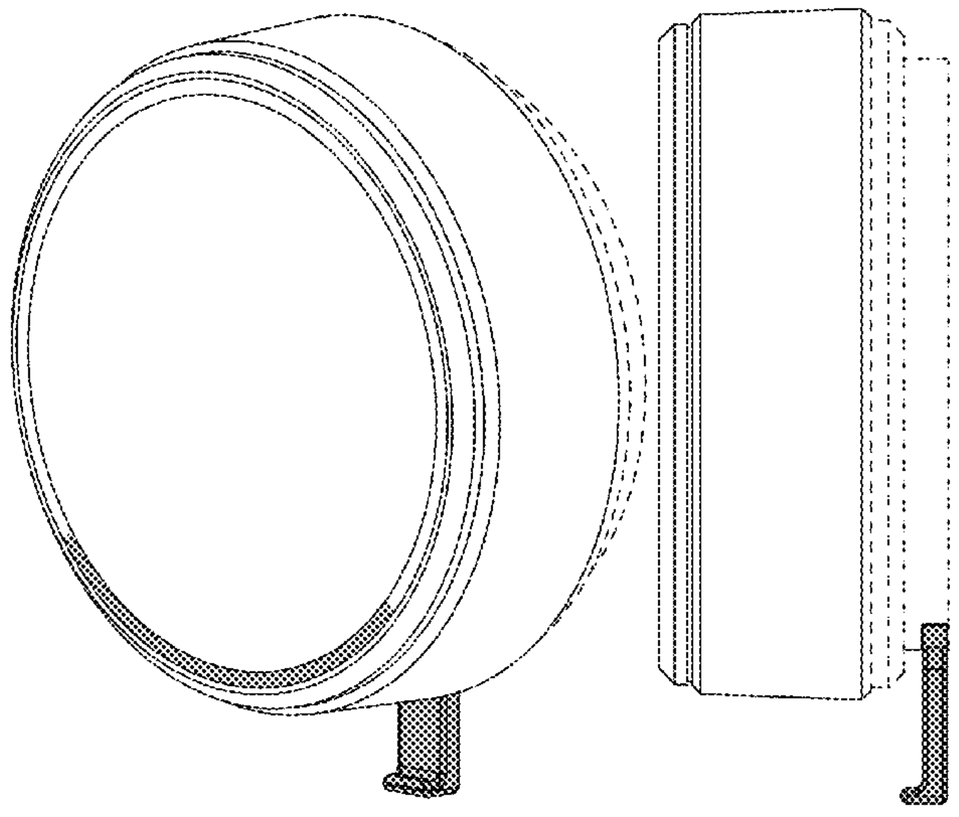
FIG. **1** is a front perspective view for an illuminated control device showing a first state in a sequence showing our new design;
FIG. **2** is a front view thereof;
FIG. **3** is a left side view thereof;
FIG. **4** is a right side view thereof;
FIG. **5** is a top view thereof;
FIG. **6** is a bottom view thereof;
FIG. **7** is a front perspective view thereof, showing a second state thereof;
FIG. **8** is a front view thereof;
FIG. **9** is a left side view thereof;
FIG. **10** is a right side view thereof;
FIG. **11** is a top view thereof; and,
FIG. **12** is a bottom view thereof.

The gray shaded elements depict illumination.

The dashed broken lines illustrate portions of the control device, which form no part of the claimed design.

The claimed design sequentially transitions from the first state to the last state in the sequence. The period with which one image transitions to another image forms no part of the claimed design.

1 Claim, 6 Drawing Sheets



(58) **Field of Classification Search**
CPC H05B 39/02; H05B 39/04; H05B 39/085; H05B 39/086; H05B 39/088; G08C 17/02; H03K 17/962
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D558,692	S		1/2008	Neveu	
D633,231	S	*	2/2011	Morrison	D26/24
D633,644	S	*	3/2011	Sprengers	D26/89
D647,227	S	*	10/2011	Kaule	D26/24
D668,375	S	*	10/2012	Daniels	D26/89
D669,499	S		10/2012	Gardner et al.	
D673,703	S	*	1/2013	Davies	D26/36
8,786,196	B2		7/2014	Biery et al.	
D727,928	S		4/2015	Allison et al.	
D729,970	S	*	5/2015	Jepson	D26/89
D739,872	S		9/2015	Bang et al.	
D744,535	S		12/2015	Shin et al.	
D748,648	S		2/2016	Kim et al.	
D752,072	S		3/2016	Song	
D755,037	S		5/2016	Czerwinski, Jr. et al.	
D759,877	S	*	6/2016	Hewitt	D26/89
D761,277	S		7/2016	Harvell	
D761,812	S		7/2016	Motamedi	
D762,716	S		8/2016	Yang et al.	
D763,308	S		8/2016	Wang et al.	
D770,076	S	*	10/2016	Li	D26/89
D776,717	S		1/2017	Asai	
D777,200	S		1/2017	Luo et al.	
D777,367	S	*	1/2017	Ma	D26/104
9,538,619	B2		1/2017	Swatsky et al.	
D779,977	S	*	2/2017	Jacob	D10/50
9,565,742	B2		2/2017	Swatskv et al.	
9,633,557	B2		4/2017	Dimberg et al.	
D786,932	S		5/2017	Kim et al.	
9,746,159	B1		8/2017	Fletcher et al.	
D808,912	S	*	1/2018	Dimberg	D13/174
D810,970	S	*	2/2018	Thompson	D26/26
D814,428	S	*	4/2018	Dimberg	D13/174
10,041,639	B1	*	8/2018	Thompson	F21S 9/02
10,109,181	B2	*	10/2018	Dimberg	G06F 3/04847
D837,168	S	*	1/2019	Altonen	D13/174
D837,169	S	*	1/2019	Altonen	D13/174
D868,009	S	*	11/2019	Dimberg	D13/174
D868,010	S	*	11/2019	Bard	D13/174
D872,775	S	*	1/2020	Becke	D15/89
D892,750	S	*	8/2020	Dimberg	D13/171
D908,643	S	*	1/2021	Dimberg	D13/171
2004/0109304	A1		6/2004	Yokoyama et al.	
2007/0057922	A1		3/2007	Schultz et al.	
2007/0136679	A1		6/2007	Yang	
2010/0175971	A1		7/2010	Kim et al.	
2013/0242531	A1		9/2013	Urayama	
2013/0328500	A1		12/2013	Toda	
2014/0117871	A1		5/2014	Swatsky et al.	
2015/0371534	A1		12/2015	Dimberg et al.	
2016/0128586	A1		5/2016	Parton et al.	
2016/0196635	A1		7/2016	Cho et al.	
2016/0212368	A1		7/2016	Zhang et al.	
2017/0185240	A1	*	6/2017	Delrosario	G06F 3/04847
2017/0278383	A1		9/2017	Dimberg et al.	
2017/0280533	A1		9/2017	Dimberg et al.	
2017/0352506	A1		12/2017	Dimberg	
2017/0354012	A1		12/2017	Bard et al.	
2017/0354021	A1		12/2017	Dimberg et al.	
2017/0354022	A1		12/2017	Dimberg et al.	
2017/0354023	A1		12/2017	Dimberg et al.	
2018/0005742	A1		1/2018	Newman, Jr. et al.	
2018/0116039	A1		4/2018	Harte et al.	
2021/0050164	A1	*	2/2021	Altonen	H05B 47/175

OTHER PUBLICATIONS

Legrand®, Dimmers Brochure, 2015, 18 pages.
Lumenpulse™, Lumentone™ Specification Sheet, 2013, 4 pages.
Lumenpulse™, Lumentone™ Installation Instructions, 2013, 1 page.
Lumenpulse™, Lumentone™ Quick Reference Guide, 2015, 3 pages.
Ltech, LED Controller Touch RGB DMX/RF 4 Zones—DX8, <http://ltech-led.eu/en/dmx/1293-led-controller-touch-dx8-dmx.html>, available at least as early as Jun. 3, 2016.
Diode LED, DMX Wall Mount Controller, <https://www.diodeled.com/dmx-wall-mount-controller.html>, available at least as early as Jun. 3, 2016.
Fontana Fountains, Glass-Touch RGB Controller, <http://www.fontanafountains.com/products/underwater-illumination/thesmartled-luminaires/glass-touch-rgb-controller>, available at least as early as Jun. 3, 2016.
Super Bright LEDs Inc., Wall Mount Touch Color RGB Controller, <https://www.superbrightleds.com/moreinfo/controllers/wall-mount-touch-color-rgb-controller-dynamic-color-changing-modes-3-amps-per-channel/1484/#/tab/Reviews>, available at least as early as Jun. 3, 2016.
Milight, RGBW Remote, <http://www.milight.com/milight-rgbw-remote/>, available at least as early as Jun. 3, 2016.
RGBZONE, DC 12V-24V Wall-mounted Touch Panel Switch Controller Full Color LED Dimmer, <https://www.amazon.com/RGBZONE-12V-24V-Wall-mounted-Switch-Controller/dp/B00RCEHNOI/ref=pd_sbs_60_2?_encoding=UTF8&pd_rd_i=B00RCEHNOI&pd_rd_r_32 XAXCT73G8T/VPD0HJDWK&pd_rd_w=2Fpri&pd_rd_wg=q5f29&psc=1&refRID_32 XAXCT73G8T7VPD0HJDWK>, available at least as early as Jun. 3, 2016.
EPBOWPT, DC 12-24V Wall-mounted Glass Touch Panel Full-color Dimmer Controller, <https://www.aliexpress.com/store/product/DUMVOIN-Wall-mounted Glass-Touch-Panel-Full-color-Dimmer-Controller-Wall-Switch-DC-12-24V-for/1916528_32542963626.html>, available at least as early as Jun. 3, 2016.
Google Developers, 'Bridging the physical and digital. Image the possibilities. ATAP.—Google I/O 2016,' youtube.com [online], May 20, 2016 [retrieved May 5, 2017]. Retrieved from Internet: <https://www.youtube.com/watch?v=8LO59eN9om4>.
A Studios, 'A Studios Lumenpulse lighting tutorial 1,' youtube.com [online], Apr. 23, 2016 [retrieved May 5, 2017. Retrieved from Internet: <https://www.youtube.com/watch?v=lHv4-TkgYZQ>.
Electronic Theatre Controls, Inc., Echo Inspire® Station Programming Guide, Software Version 2.0.1, Feb. 2015, 44 pages.
Electronic Theatre Controls, Inc., Echo Inspire® Control Stations, <https://www.etcconnect.com/Products/Architectural-Systems/Echo/Control-Stations/Inspire-Control-Stations/Features.aspx>, available from Internet at least as early as Jul. 15, 2014 [site visited May 9, 2018].
Electronic Theatre Controls, Inc., Echo Inspire® Control Station: 4-Button with Fader Knob, photograph taken on May 8, 2018.
U.S. Appl. No. 62/345,449, filed Jun. 3, 2016 (unpublished).
U.S. Appl. No. 62/345,222, filed Jun. 3, 2016 (unpublished).
U.S. Appl. No. 29/569,786, filed Jun. 30, 2016 (unpublished).
U.S. Appl. No. 29/597,335, filed Mar. 16, 2017 (unpublished).

* cited by examiner

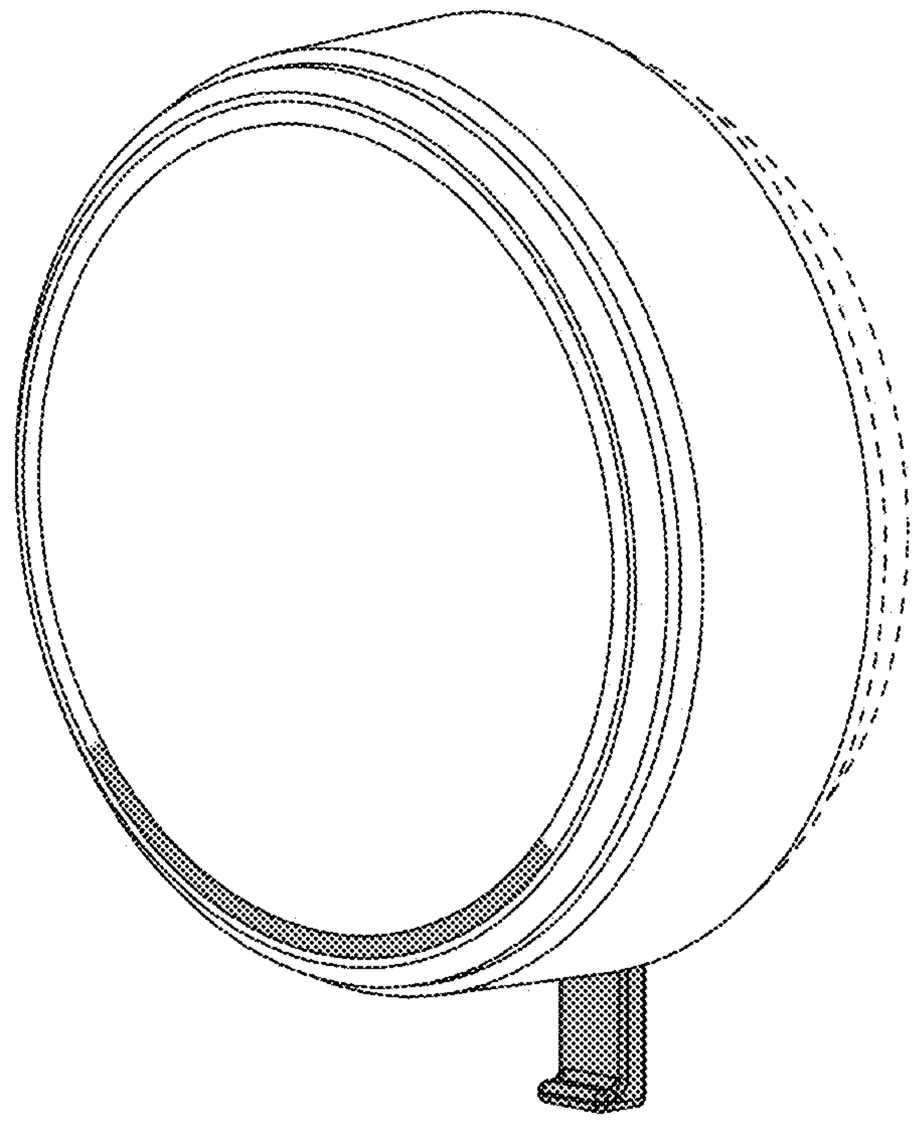


FIG. 1

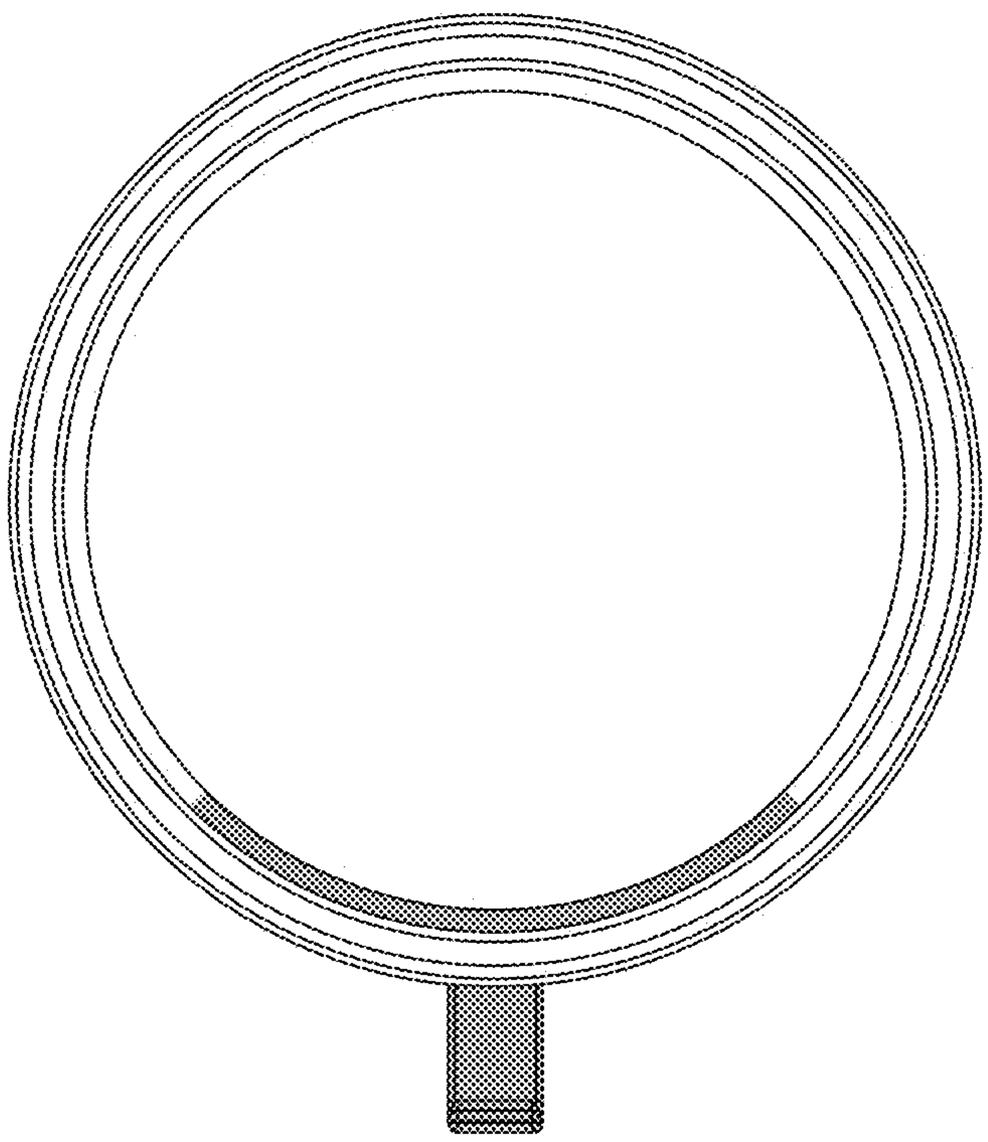


FIG. 2

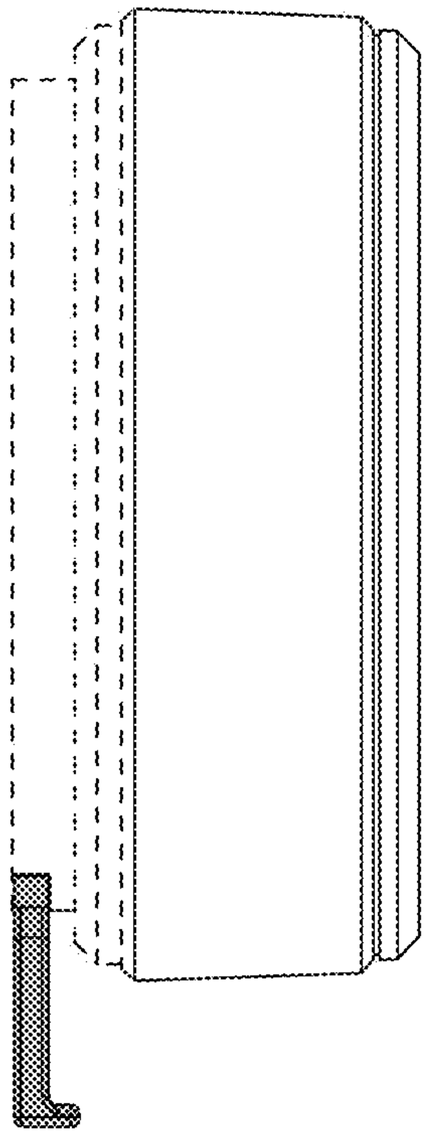


FIG. 3

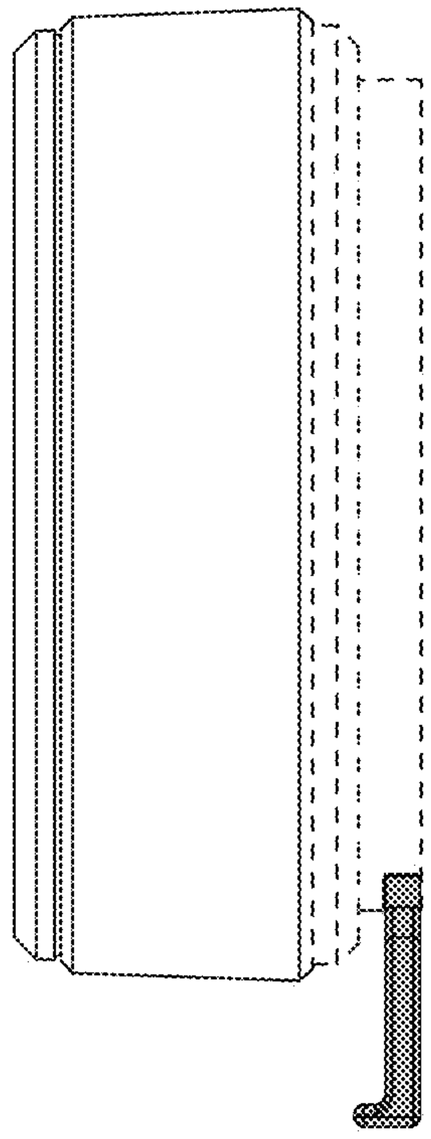


FIG. 4

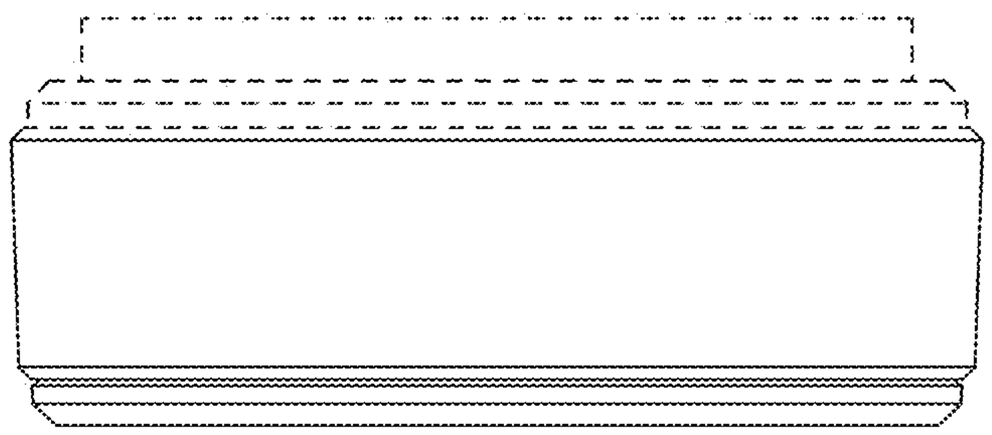


FIG. 5

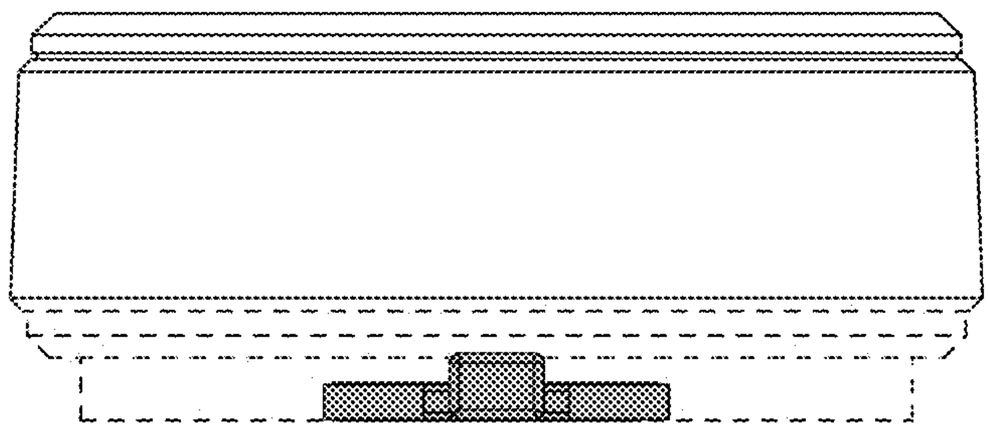


FIG. 6

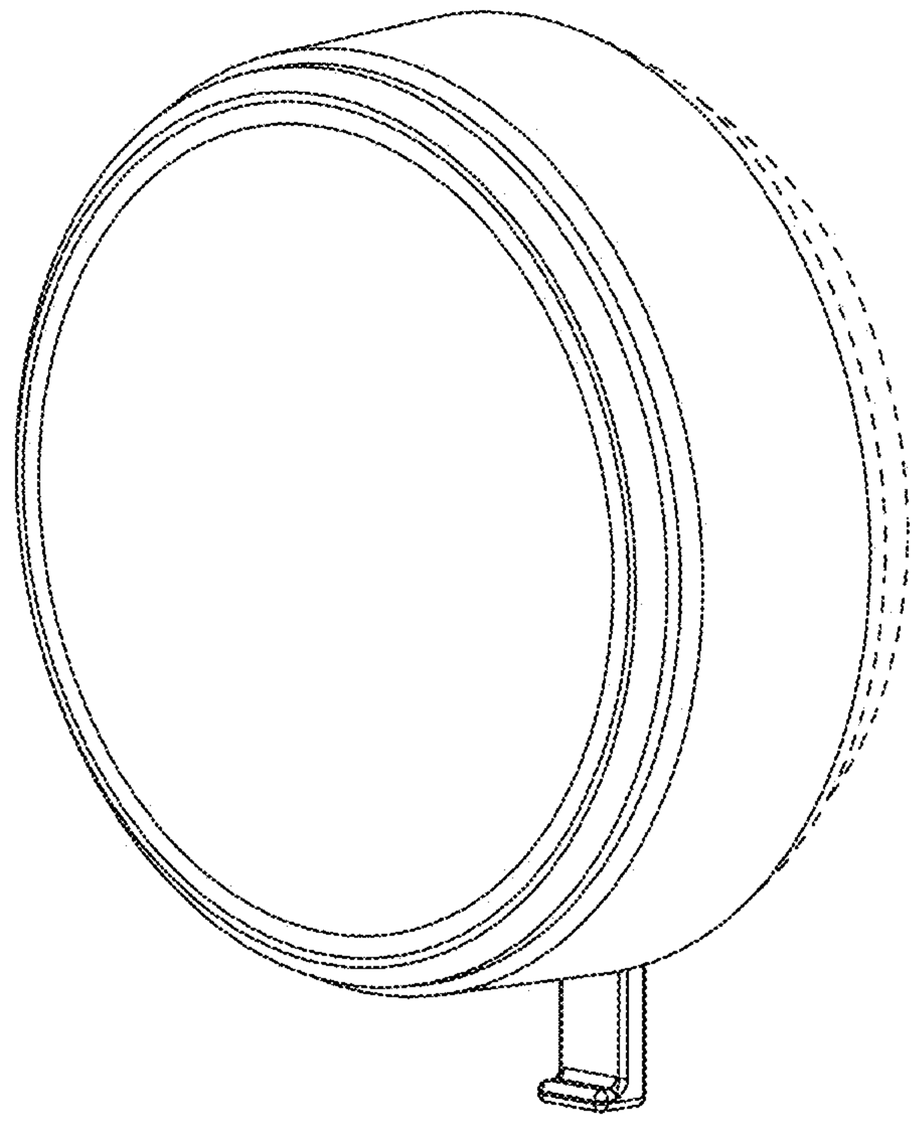


FIG. 7

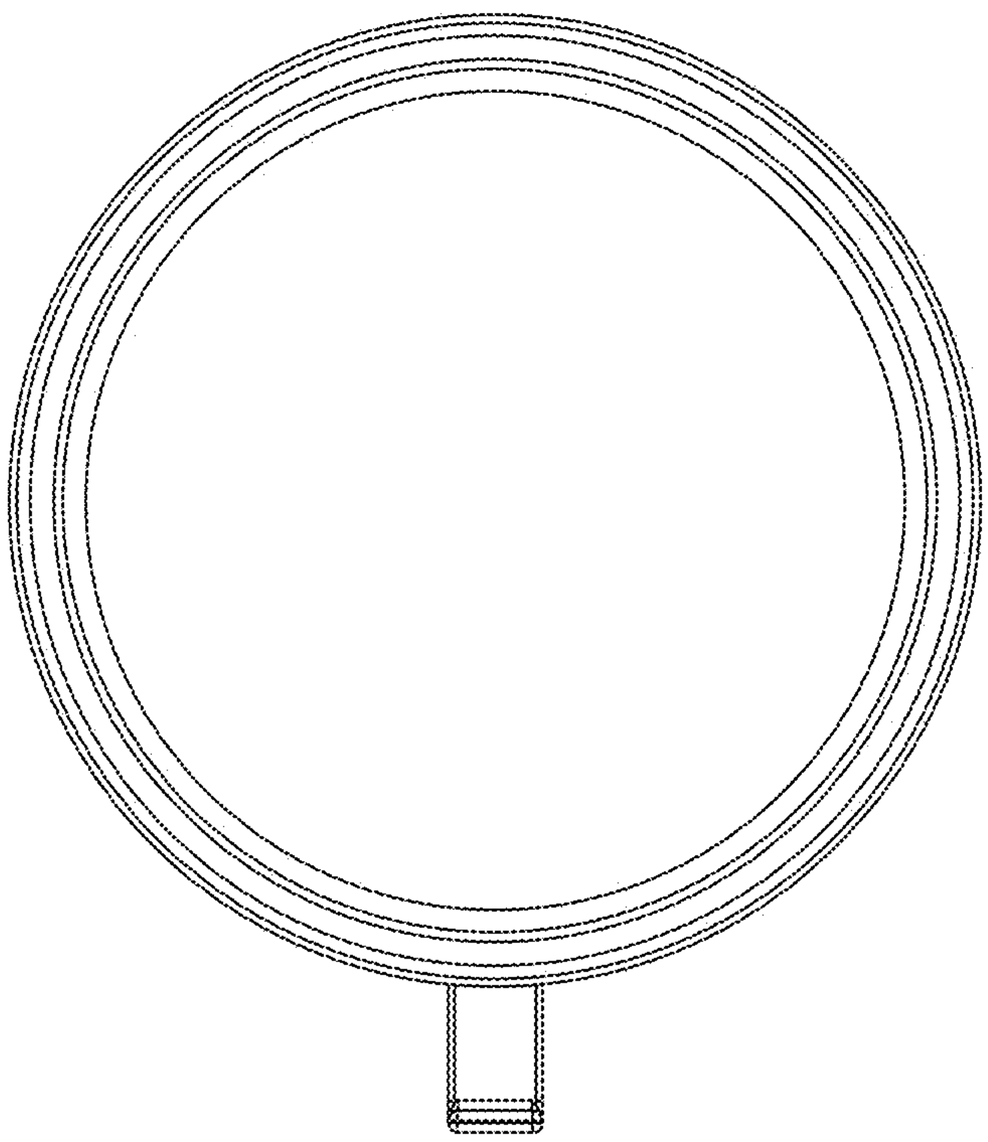


FIG. 8

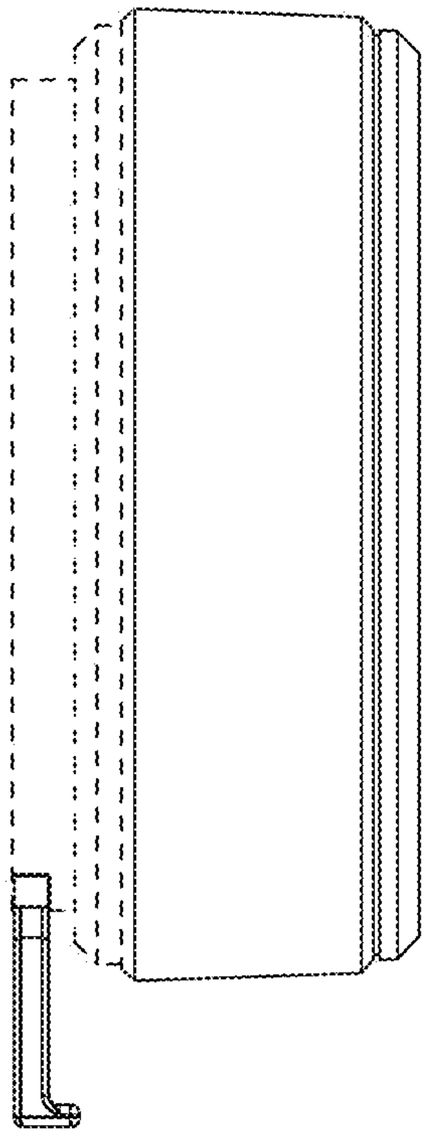


FIG. 9

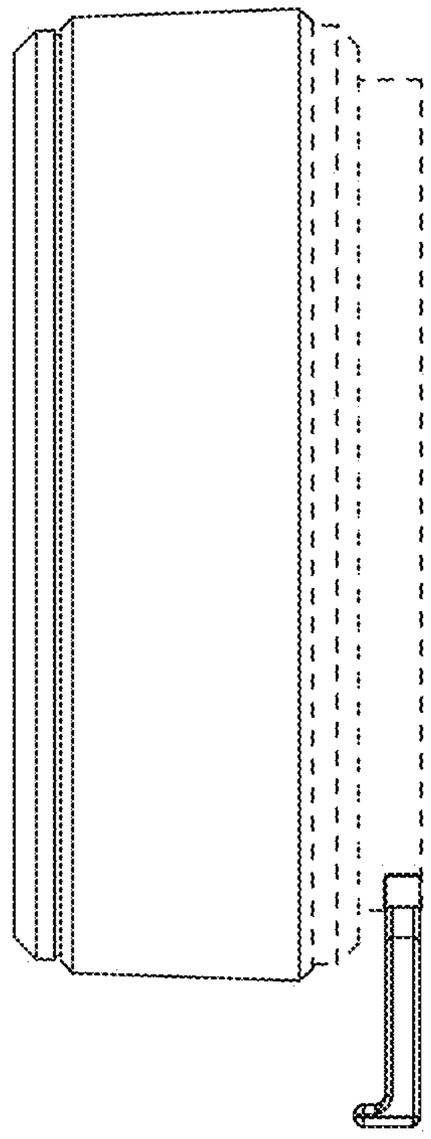


FIG. 10

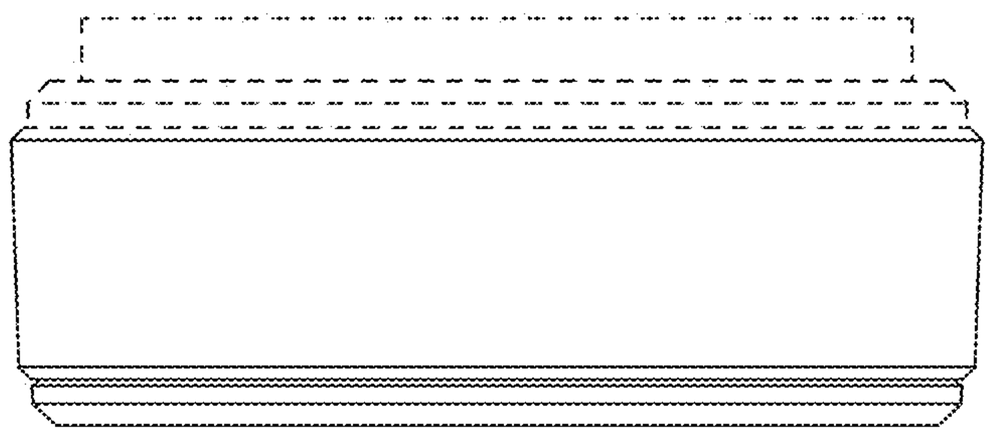


FIG. 11

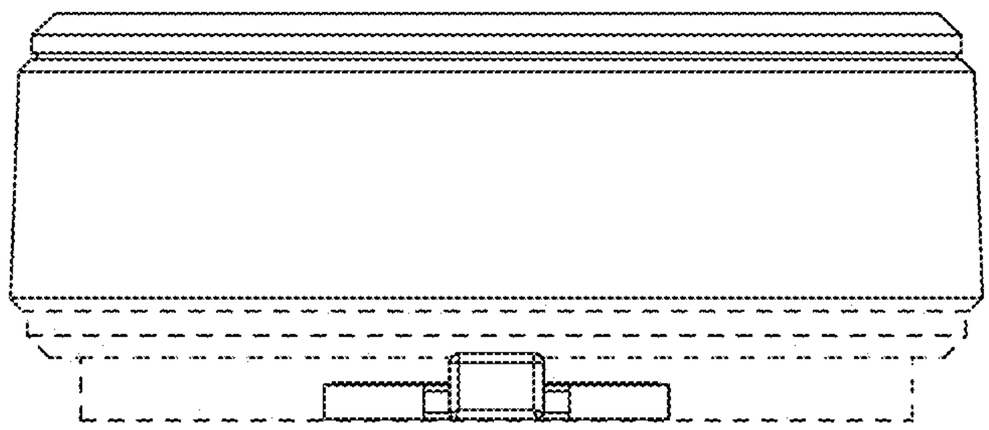


FIG. 12

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : D924,821 S
APPLICATION NO. : 29/708696
DATED : July 13, 2021
INVENTOR(S) : Benjamin F. Bard et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Item [56], PAGE 2 Column 2 Line 36:
"Image"
Should read:
--"Imagine"--

Signed and Sealed this
Twelfth Day of April, 2022

Drew Hirshfeld
Performing the Functions and Duties of the
Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office