US00RE48532E

(19) **United States**
(12) **Reissued Patent**
Bowen et al.

(10) **Patent Number: US RE48,532 E**
(45) **Date of Reissued Patent: Apr. 27, 2021**

(54) **CHARGING DEVICE FOR ELECTRONIC VAPORIZATION DEVICE**

(71) Applicant: **JUUL Labs, Inc.**, San Francisco, CA (US)

(72) Inventors: **Adam Bowen**, San Francisco, CA (US); **James Monsees**, San Francisco, CA (US); **Steven Christensen**, San Francisco, CA (US); **Joshua Morenstein**, San Francisco, CA (US); **Christopher Nicholas HibmaCronan**, Oakland, CA (US)

(73) Assignee: **JUUL Labs, Inc.**, San Francisco, CA (US)

(21) Appl. No.: **29/674,910**

(22) Filed: **Dec. 27, 2018**

Related U.S. Patent Documents

Reissue of:

(64) Patent No.: **Des. 744,419**
Issued: **Dec. 1, 2015**
Appl. No.: **29/499,025**
Filed: **Aug. 11, 2014**

U.S. Applications:

(62) Division of application No. 29/628,194, filed on Dec. 1, 2017, now Pat. No. Re. 47,994, which is an application for the reissue of Pat. No. Des. 744,419.

(51) **LOC (13) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/108**; D27/194

(58) **Field of Classification Search**
USPC D13/107–110, 118–119, 182, 199; D14/251, 253, 432, 434; D27/172, 193, D27/194
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

576,653 A 2/1897 Bowlby
969,076 A 8/1910 Pender
(Continued)

FOREIGN PATENT DOCUMENTS

CN 3037571 11/1995
CN 301111821 1/2010
(Continued)

Primary Examiner — Darlington Ly
(74) *Attorney, Agent, or Firm* — Mintz Levin Cohn Ferris Glovsky and Popeo, P.C.

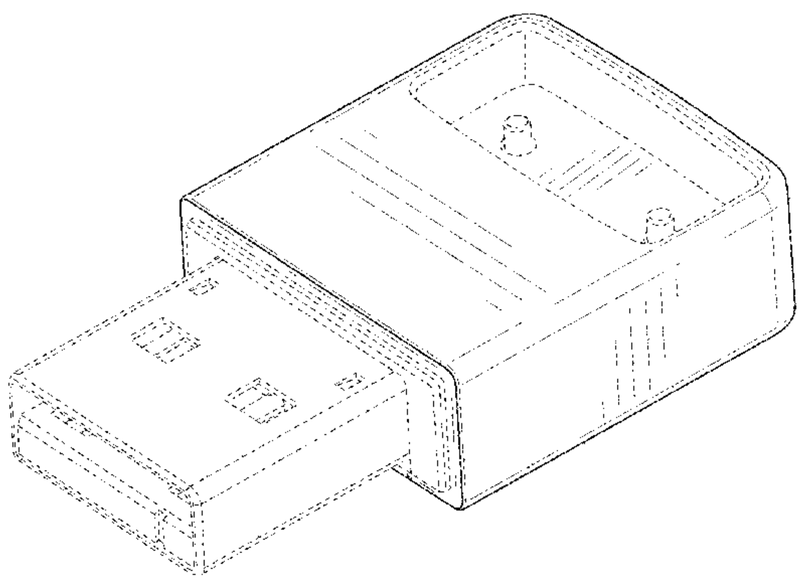
(57) **CLAIM**

The ornamental design for a charging device for electronic vaporization device, as shown and described.

DESCRIPTION

This application is a divisional reissue of U.S. application Ser. No. 29/628,194, filed on Dec. 1, 2017, which is an application for reissue of U.S. Pat. No. D. 744,419, issued on Dec. 1, 2015, which corresponds to U.S. patent application Ser. No. 29/499,025, the entire contents of each of which are incorporated herein by reference.

FIG. **1** is a perspective view of a charging device for electronic vaporization device, showing our new design;
FIG. **2** is a top plan view thereof;
FIG. **3** is a left side elevation view thereof;
FIG. **4** is a rear elevation view thereof;
FIG. **5** is a right side elevation view thereof;
FIG. **6** is a front elevation view thereof; and,
FIG. **7** is a bottom plan view thereof.
(Continued)



(Amended)

The broken lines [shown in the drawings are included for the purpose of illustrating environmental structure and] *illustrate portions of the charging device for electronic vaporization device that* form no part of the claimed design.

1 Claim, 7 Drawing Sheets

Matter enclosed in heavy brackets [ ] appears in the original patent but forms no part of this reissue; matter printed in italics indicates the additions made by reissue.

(58) **Field of Classification Search**
CPC Y02E 60/12; Y02E 90/14; Y02E 90/122; Y02E 90/128; Y02E 90/163; H02J 7/025; H02J 7/0042; H02J 7/0044; H02J 7/0045; H02J 7/0003; H01F 38/14; H01R 13/6675; H01M 2/1022; H01M 2/1055; H01M 10/44; H01M 10/46; H01M 10/425; B60L 11/182; A24F 47/008
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,505,748	A		8/1924	Louis
2,199,885	A		5/1940	Kravchuk
2,459,656	A		1/1949	Jack
2,676,237	A		4/1954	Tooker
4,241,742	A		12/1980	Hilding
D292,437	S		10/1987	Wind, III
4,990,939	A		2/1991	Sekiya et al.
5,529,078	A		6/1996	Rehder et al.
5,843,014	A		12/1998	Lattin et al.
D405,007	S		2/1999	Naas, Sr.
5,878,752	A		3/1999	Adams et al.
5,967,310	A		10/1999	Hill
6,269,966	B1		8/2001	Pallo et al.
D458,409	S		6/2002	Najar et al.
6,743,030	B2		6/2004	Lin et al.
D498,328	S		11/2004	Harel
D500,302	S		12/2004	Deguchi
6,909,840	B2		6/2005	Harwig et al.
D514,741	S		2/2006	Cohen Harel
7,019,491	B2		3/2006	Bozzone et al.
D521,445	S		5/2006	Liu
D529,044	S		9/2006	Andre et al.
D532,776	S		11/2006	Griffin
7,214,075	B2		5/2007	He et al.
7,275,941	B1		10/2007	Bushby
D557,209	S	*	12/2007	Ahlgren et al. D13/108
D576,619	S		9/2008	Udagawa et al.
D577,019	S		9/2008	Udagawa et al.
D579,934	S		11/2008	Okamoto et al.
D591,758	S		5/2009	Lee
D607,403	S		1/2010	Hara et al.
D610,588	S		2/2010	Chen
D611,409	S	*	3/2010	Green et al. D13/110
7,753,055	B2		7/2010	Bryman
D624,012	S		9/2010	de Medeiros et al.
D631,055	S		1/2011	Gilbert et al.
D631,883	S		2/2011	Maier
7,905,236	B2		3/2011	Bryman et al.
7,931,149	B2		4/2011	Gilad et al.
D638,430	S		5/2011	Lee et al.
D639,303	S		6/2011	Ni et al.
D648,726	S		11/2011	Behar et al.
D649,932	S	*	12/2011	Symons D13/108
8,170,623	B2		5/2012	Dorogusker et al.
D674,748	S	*	1/2013	Ferber et al. D13/108
D682,841	S		5/2013	Suetake et al.
D686,987	S	*	7/2013	Vanstone et al. D13/108
D687,042	S		7/2013	Yoneta et al.
D692,615	S		10/2013	Verleur
D697,029	S		1/2014	Chiu
D700,572	S	*	3/2014	Esses D13/108
D703,680	S		4/2014	Lin
D704,629	S	*	5/2014	Liu D13/108
D704,634	S	*	5/2014	Eidelman et al. D13/108
8,881,738	B2		11/2014	Bryman
D725,124	S		3/2015	Lin et al.
9,032,968	B2		5/2015	Glasberg et al.
9,066,543	B2		6/2015	Cameron
9,167,849	B2		10/2015	Adamic
D749,510	S		2/2016	Liu
D773,115	S	*	11/2016	Liu D27/167
D776,338	S	*	1/2017	Lomeli D27/163
D792,957	S	*	7/2017	Starkenburg D23/363
9,717,277	B2		8/2017	Mironov
9,775,380	B2		10/2017	Fernando et al.
10,045,568	B2		8/2018	Monsees et al.
2005/0029137	A1		2/2005	Wang
2006/0288169	A1		12/2006	Steiner
2007/0191756	A1		8/2007	Tapper
2007/0229025	A1		10/2007	Tsai et al.
2009/0283103	A1		11/2009	Nielsen et al.
2009/0293892	A1		12/2009	Williams et al.
2010/0301032	A1		12/2010	Johnson
2010/0307116	A1		12/2010	Fisher
2011/0236002	A1		9/2011	Oglesby et al.
2012/0086391	A1		4/2012	Smith
2012/0188687	A1		7/2012	Yamamoto
2012/0223673	A1		9/2012	Chen et al.
2012/0325227	A1		12/2012	Robinson et al.
2013/0062335	A1		3/2013	Davis, Jr.
2013/0220847	A1		8/2013	Fisher et al.
2014/0014124	A1	*	1/2014	Glasberg et al. A24F 47/008 131/328
2014/0021190	A1		1/2014	Sardar
2015/0108019	A1		4/2015	Liu
2015/0114410	A1		4/2015	Doster
2015/0128967	A1		5/2015	Robinson et al.
2015/0167976	A1		6/2015	Recio
2016/0021771	A1		1/2016	Zhang et al.
2016/0167846	A1		6/2016	Zahr et al.
2017/0144827	A1		5/2017	Batista
2017/0164657	A1		6/2017	Batista
2017/0229888	A1		8/2017	Liu

FOREIGN PATENT DOCUMENTS

CN	201408820	Y	2/2010
CN	301604882		7/2011
CN	202004499	U	10/2011
CN	203182012	U	9/2013
CN	302660481		11/2013
CN	302660490		11/2013
CN	302680448		12/2013
CN	302803209		4/2014
CN	302814868		5/2014
JP	2001165437	A	6/2001
JP	D1315127		11/2007

* cited by examiner

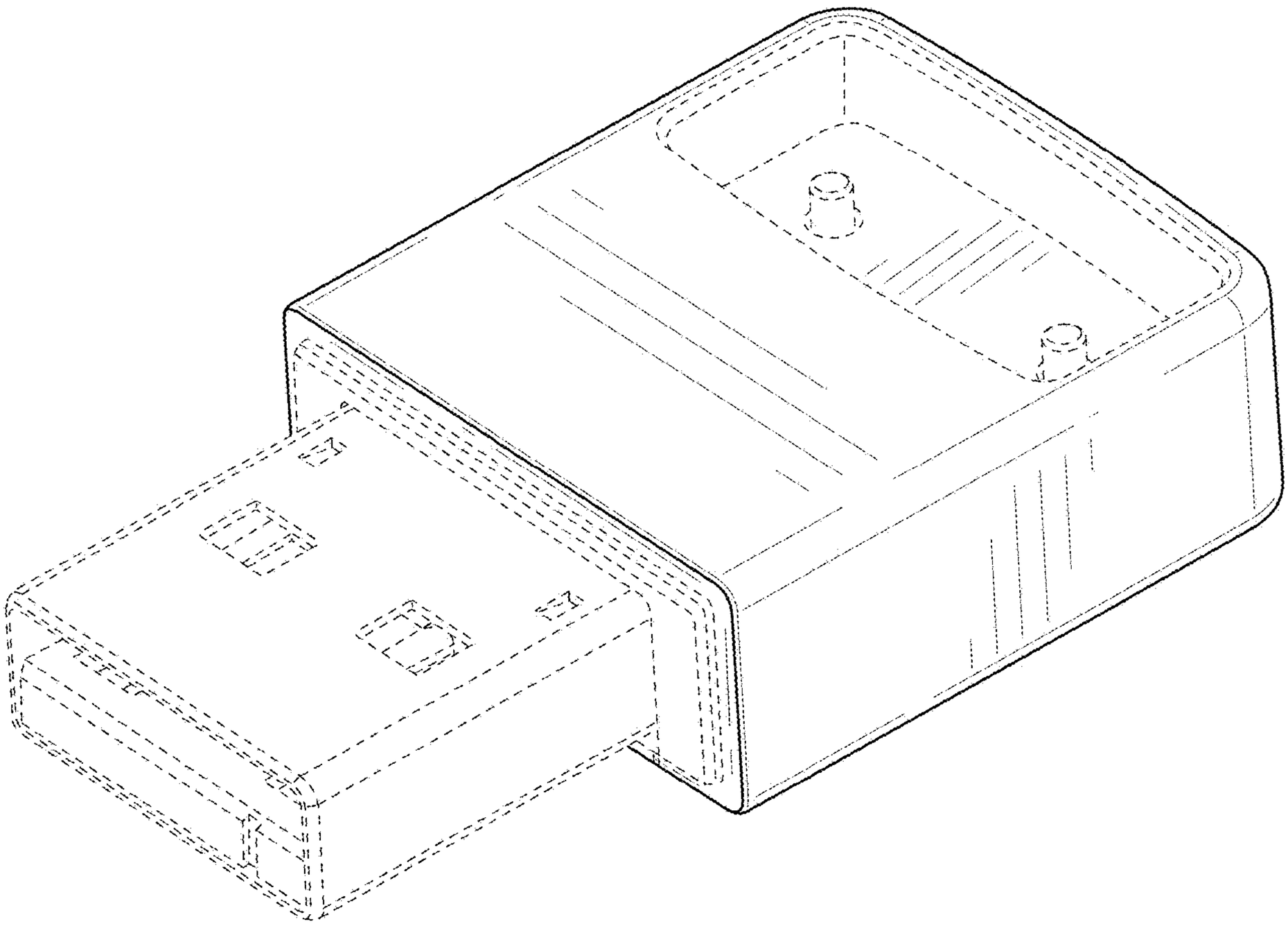


FIG. 1
(Amended)

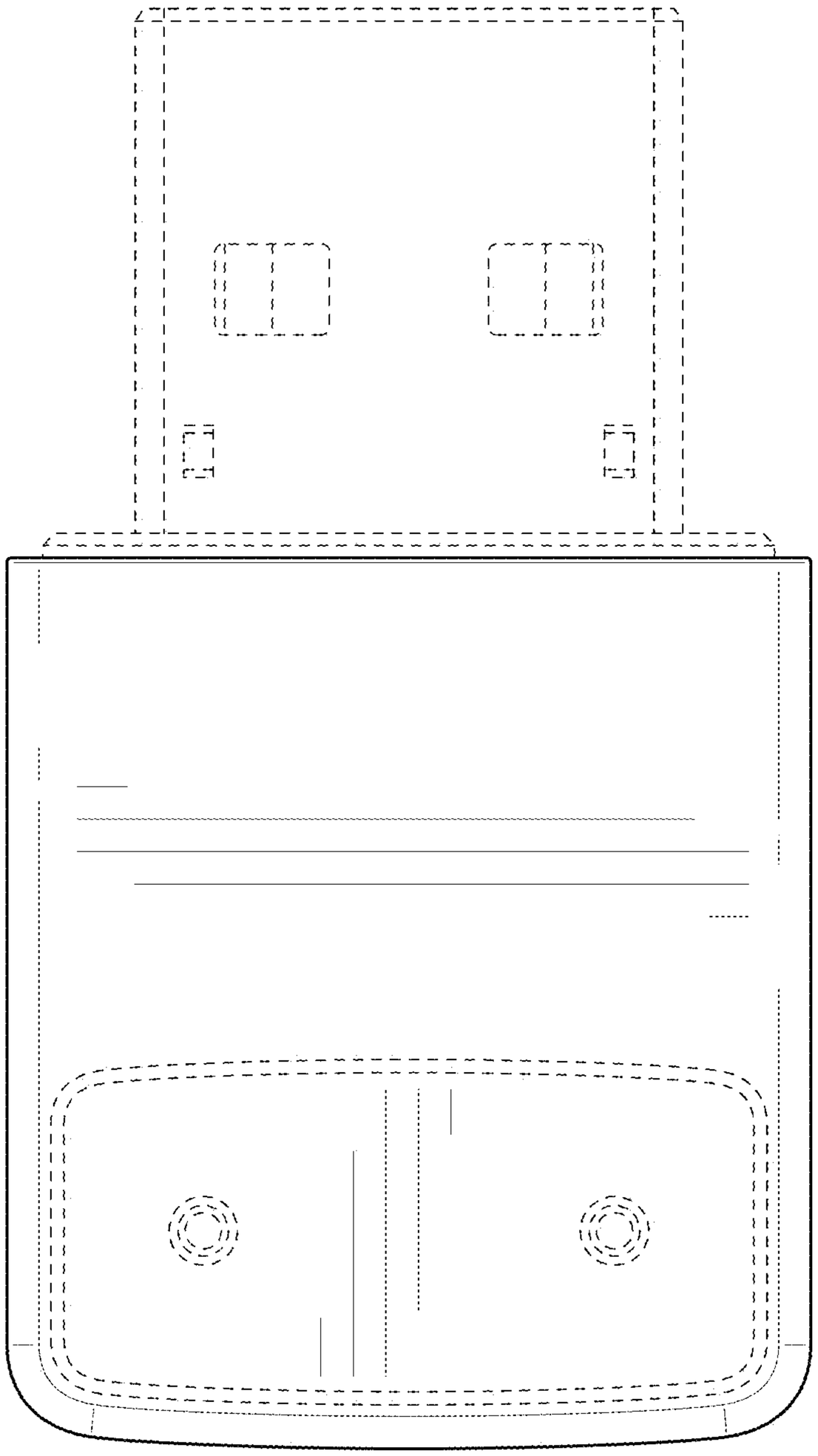


FIG. 2
(Amended)

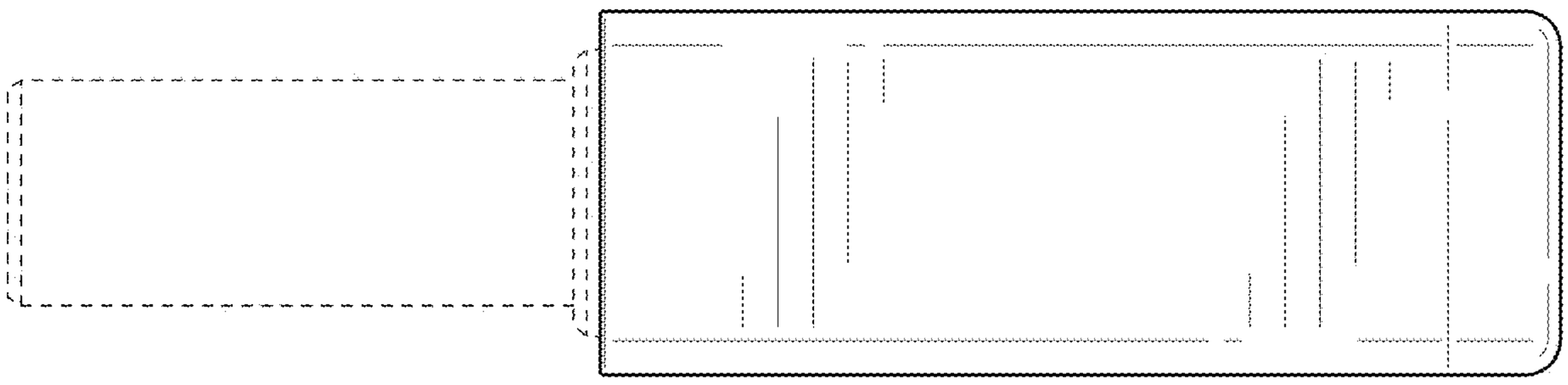


FIG. 3

(Amended)

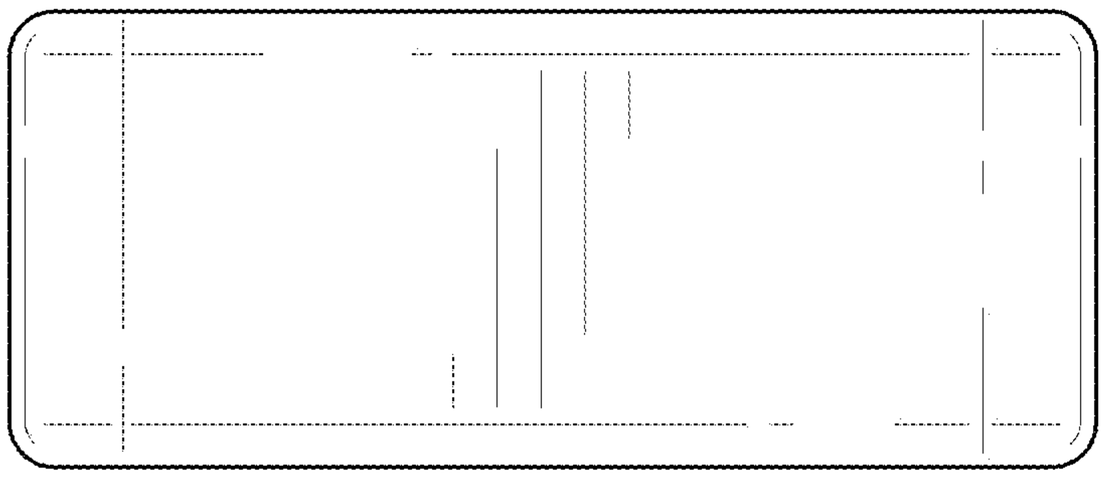


FIG. 4
(Amended)

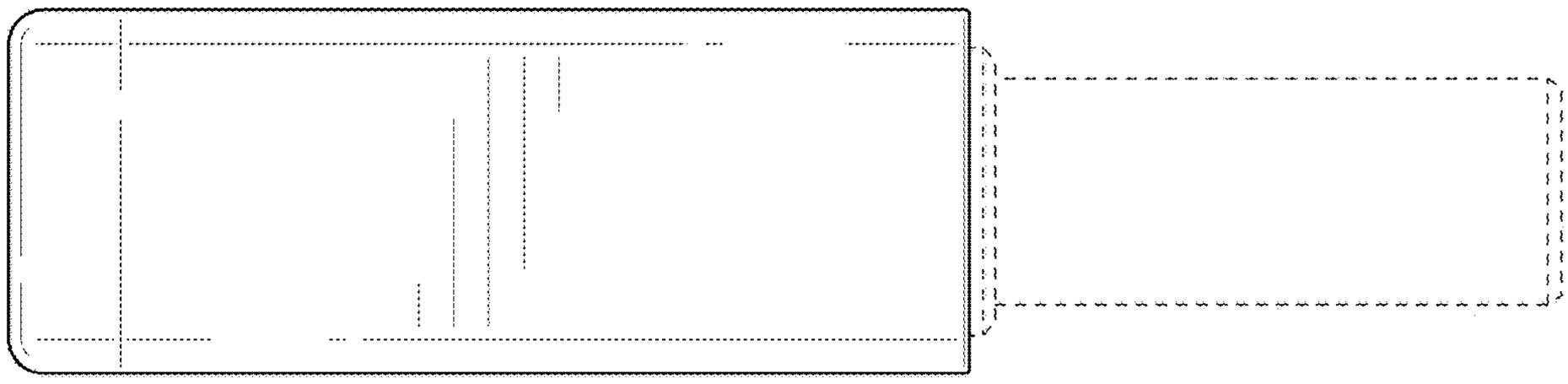


FIG. 5
(Amended)

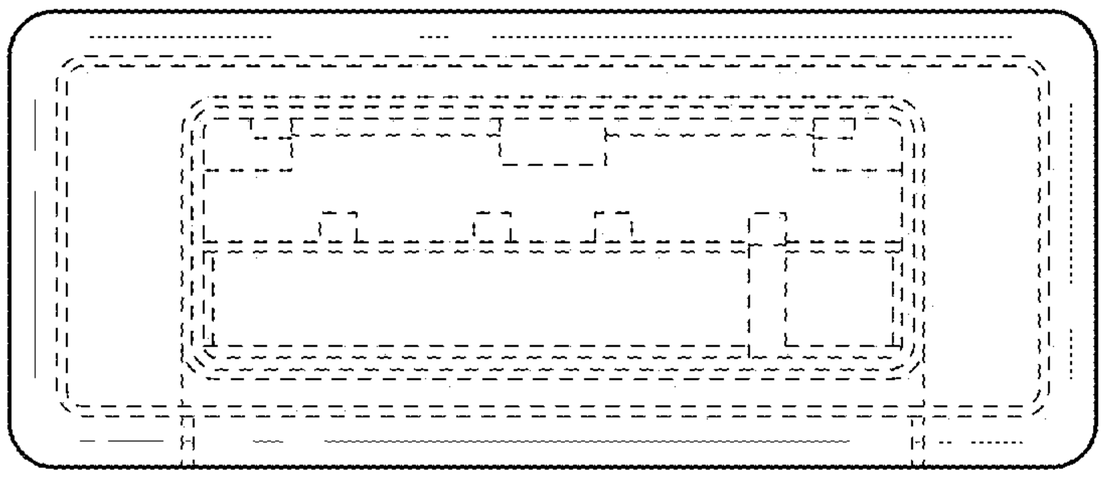


FIG. 6
(Amended)

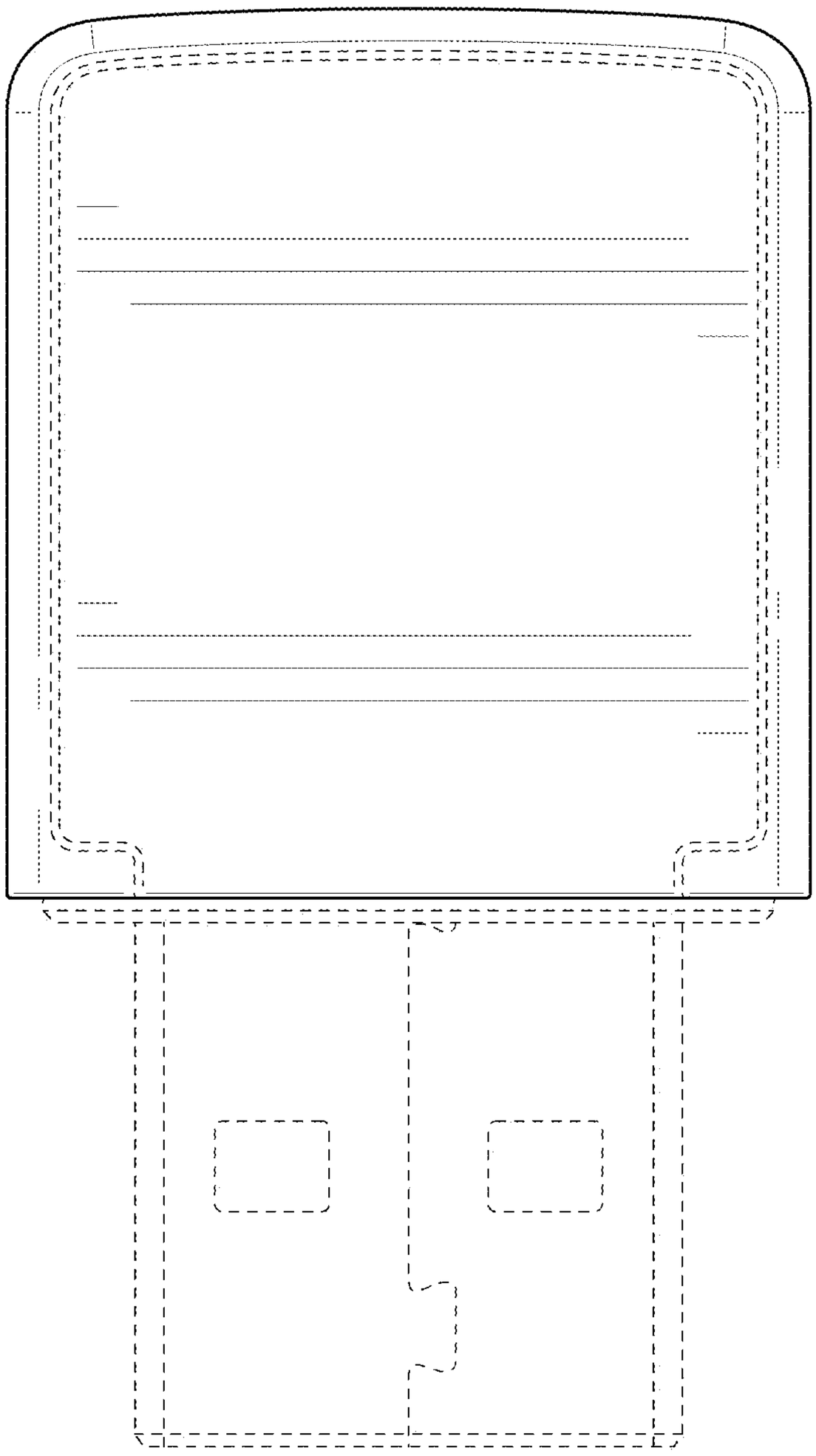


FIG. 7
(Amended)