

US00D966602S

(12) **United States Design Patent** (10) **Patent No.:** **US D966,602 S**
Shi (45) **Date of Patent:** **** Oct. 11, 2022**

(54) **DUAL ARC BUTANE LIGHTER**
(71) Applicant: **Guofen Shi**, Guizhou (CN)
(72) Inventor: **Guofen Shi**, Guizhou (CN)
(**) Term: **15 Years**

D861,974 S * 10/2019 Zhao D27/154
D863,669 S * 10/2019 Payne D27/156
D932,685 S * 10/2021 Chung D27/141
D935,685 S * 11/2021 Chung D27/141
2021/0388986 A1* 12/2021 Barber F23Q 2/42

(21) Appl. No.: **29/787,568**
(22) Filed: **Jun. 7, 2021**
(51) **LOC (13) Cl.** **27-05**
(52) **U.S. Cl.**
USPC **D27/141**
(58) **Field of Classification Search**
USPC D27/141, 139, 142, 148, 152, 153, 154,
D27/156, 157, 159, 160
CPC . F23Q 2/28; F23Q 2/282; F23Q 2/285; F23Q
2/00; F23Q 2/02; F23Q 2/16; F23Q
2/162; F23Q 5/00
See application file for complete search history.

OTHER PUBLICATIONS

Dual Arc Lighter By: Cheng Sparkly Dot found on Amazon (Feb. 11, 2022) <https://www.amazon.com/Rechargeable-Windproof-Flameless-PortableGood-Cigarette/dp/B08FTBZS76?th=1> (Mar. 17, 2020).*

* cited by examiner

Primary Examiner — Rebecca Tsehaye
(74) *Attorney, Agent, or Firm* — Justin Lampel

(57) **CLAIM**

The ornamental design for a dual arc butane lighter, as shown and described.

(56) **References Cited**

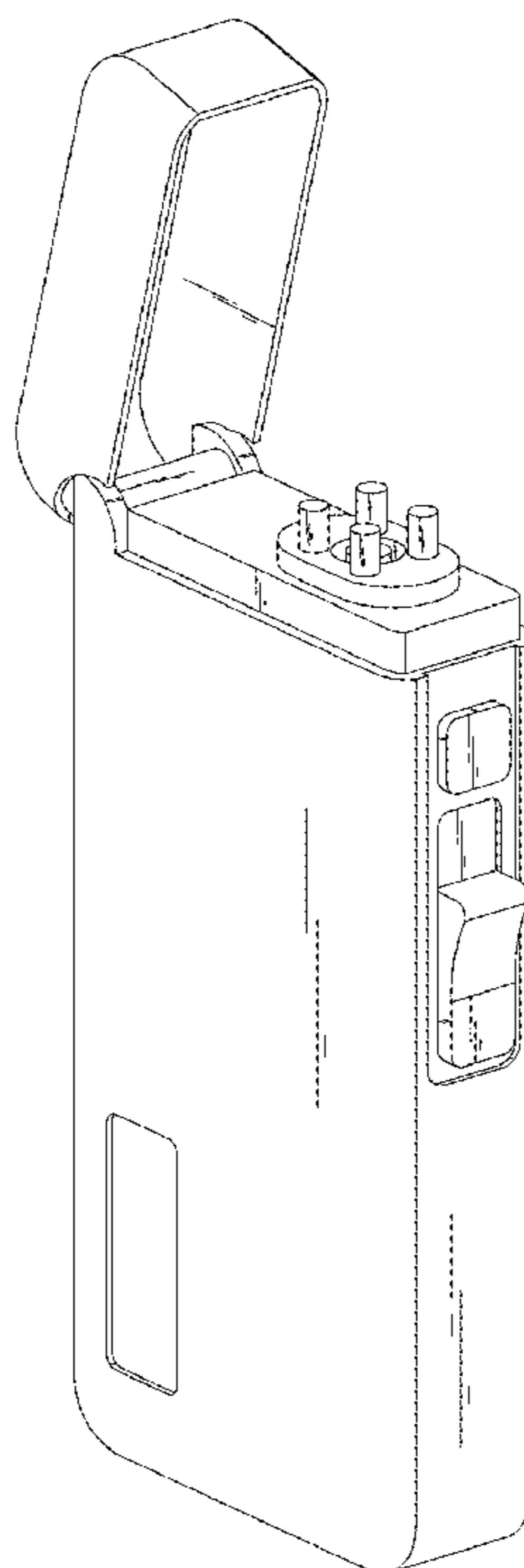
U.S. PATENT DOCUMENTS

D197,084 S 12/1963 Newman
D244,783 S * 6/1977 O'Brien D27/159
D284,113 S * 6/1986 Wassmann D27/159
D314,837 S * 2/1991 Nitta D27/154
D320,467 S * 10/1991 Ichikawa D27/159
6,699,033 B2 * 3/2004 Xu F23Q 2/165
431/255
D625,466 S * 10/2010 Martin D27/159
D716,997 S * 11/2014 Frelander D27/165
D736,995 S * 8/2015 Recio D27/141
D828,950 S * 9/2018 Gu D27/141
D830,626 S * 10/2018 Gu D27/141

DESCRIPTION

FIG. 1 is a perspective view of a dual arc butane lighter showing the claimed design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a left side view thereof;
FIG. 4 is a front elevational view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a rear elevational view thereof; and,
FIG. 7 is a bottom plan view thereof.
The broken lines illustrate portions of the dual arc butane lighter that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



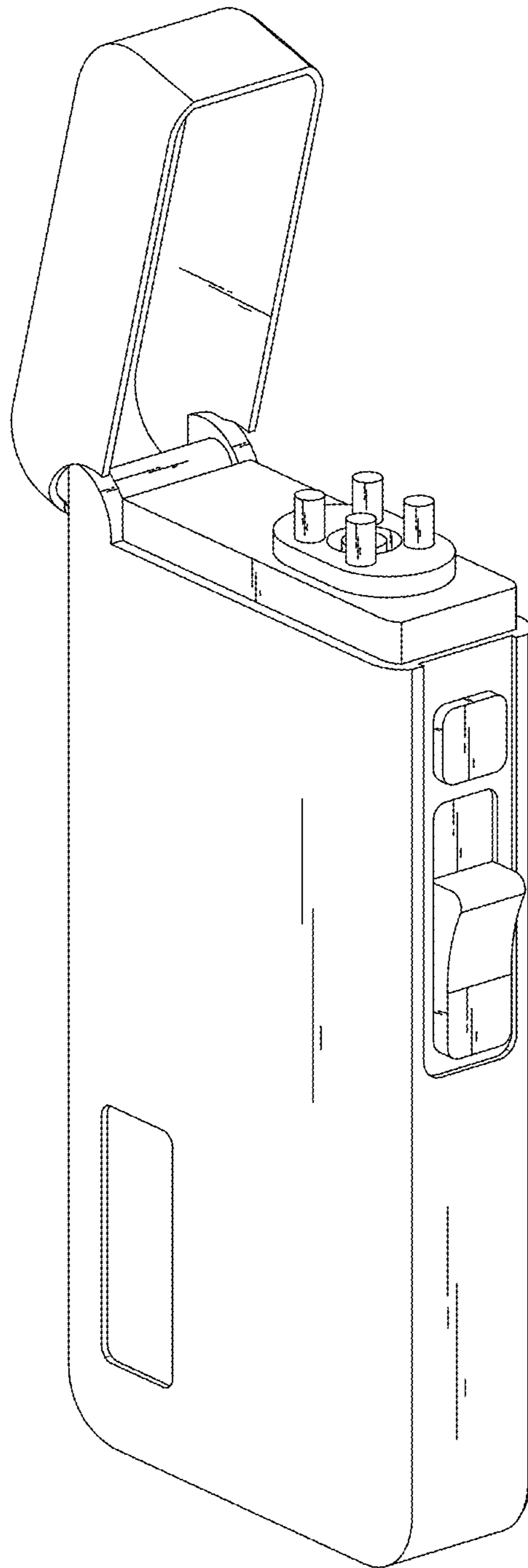


FIG. 1

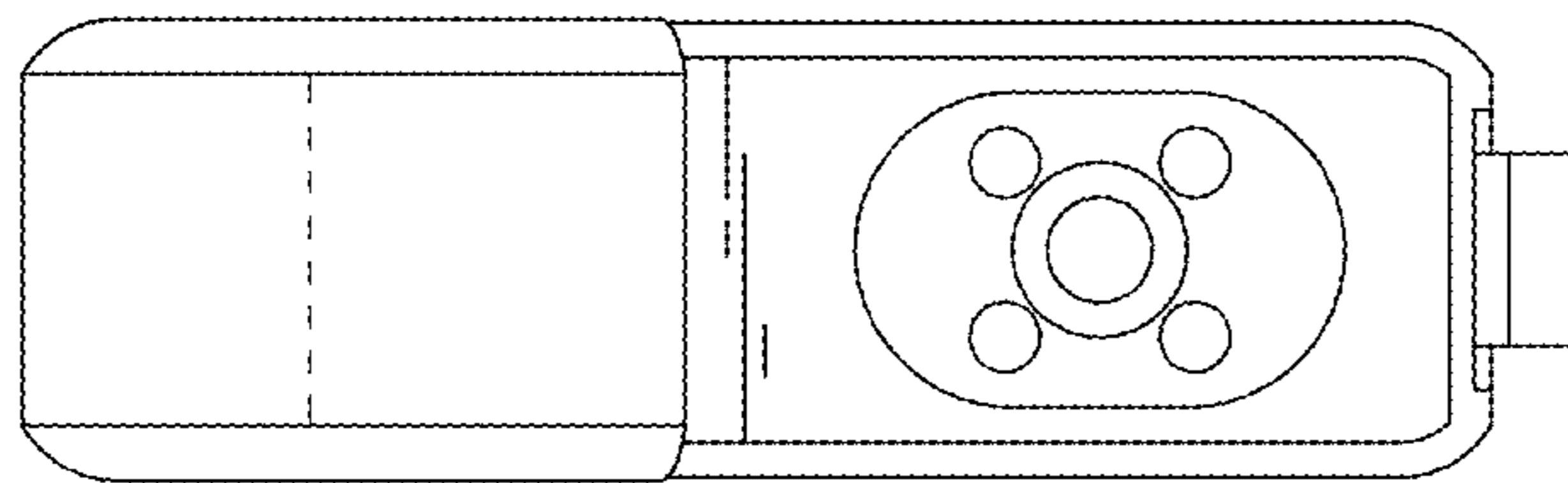


FIG. 2

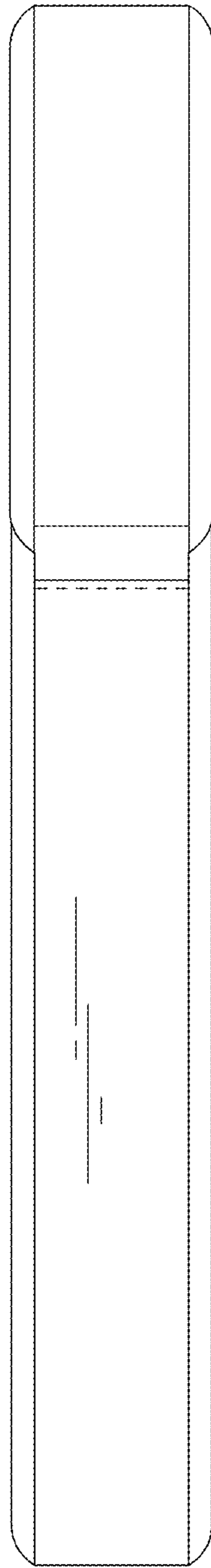


FIG. 3

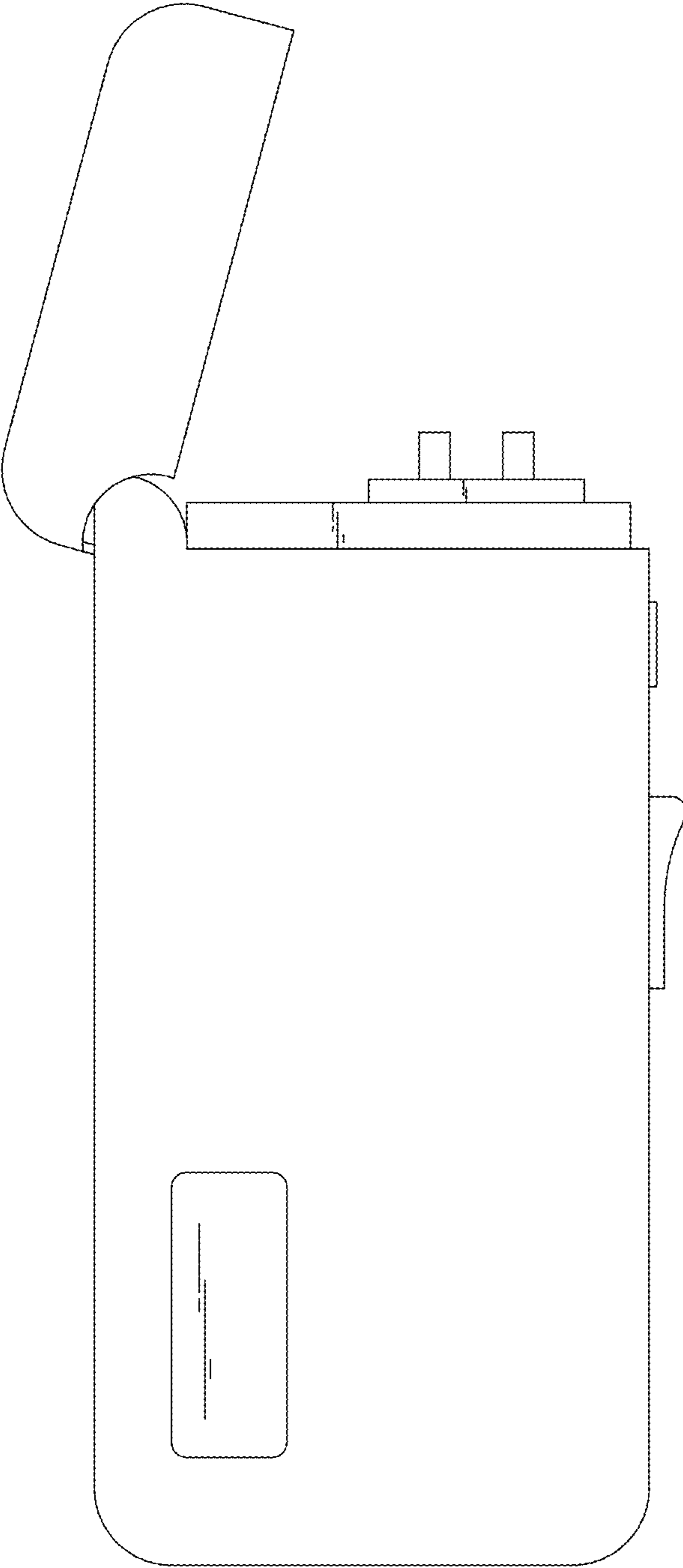


FIG. 4

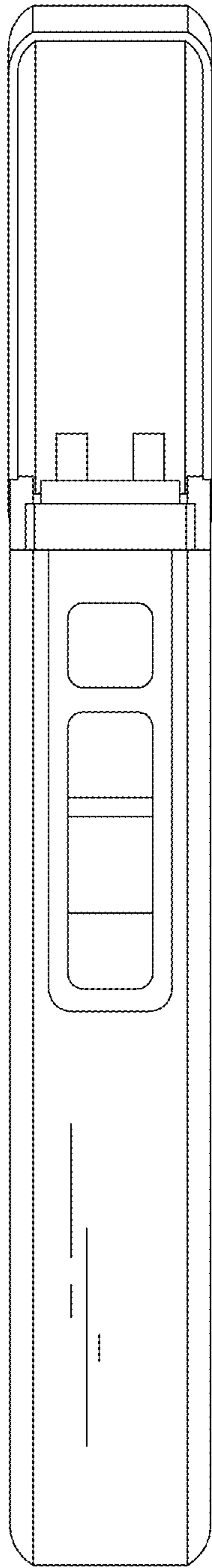


FIG. 5

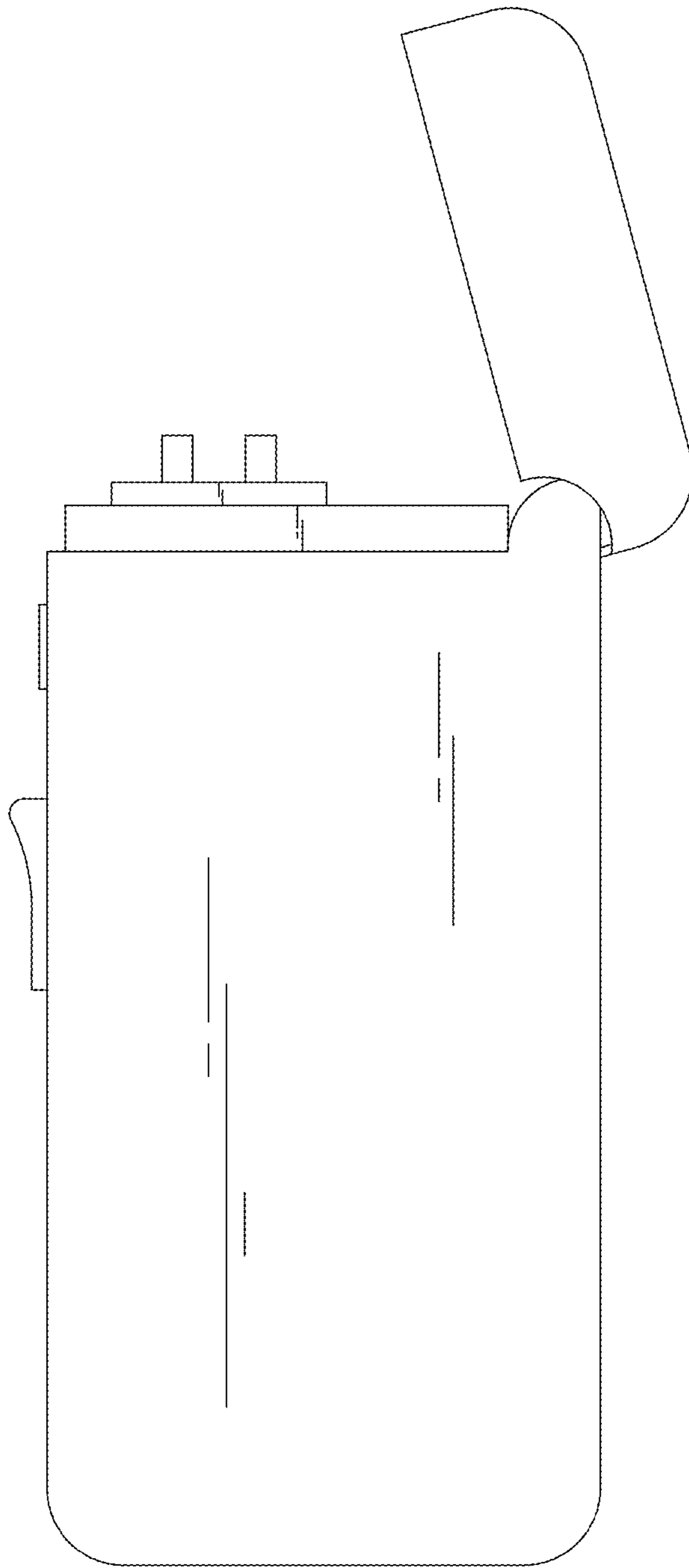


FIG. 6

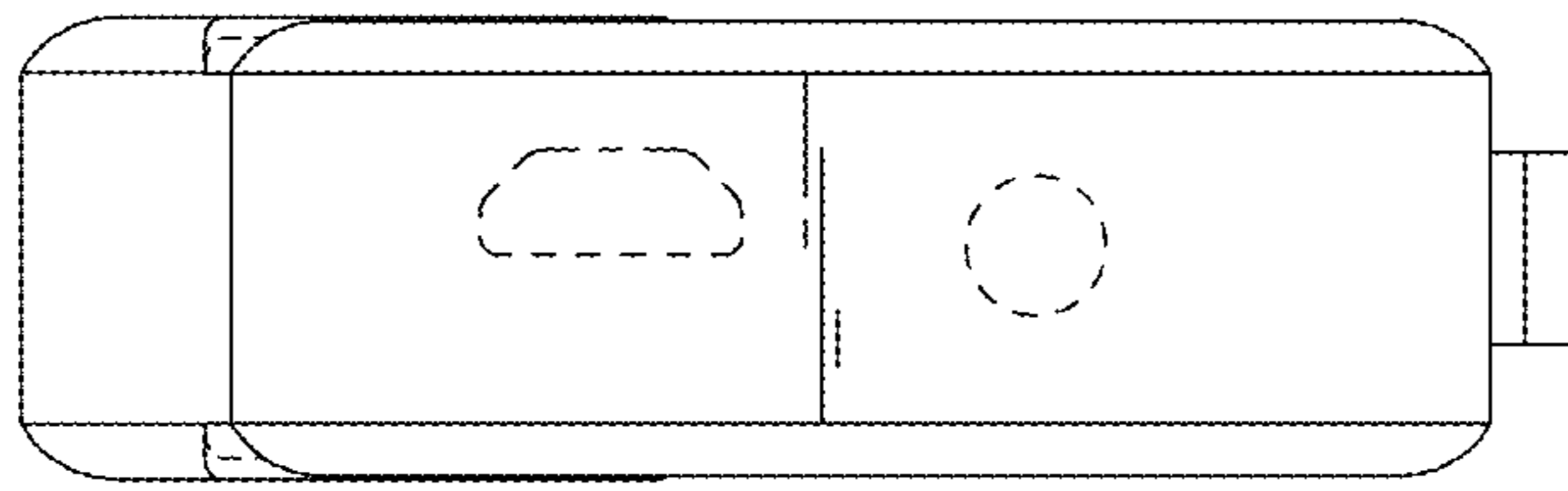


FIG. 7