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(12) **United States Design Patent**
Hoffman

(10) **Patent No.:** **US D747,568 S**
(45) **Date of Patent:** **** Jan. 12, 2016**

(54) **ENVIRONMENTAL CLEANING DEVICE**

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(72) Inventor: **Michael Hoffman**, Tel-Aviv, IL (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/479,099**

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(51) **LOC (10) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/1**

(58) **Field of Classification Search**
USPC D32/1, 15-16, 19-20, 22
CPC A47L 11/4069; A47L 11/4038; A47L
11/4075

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D572,212 S * 7/2008 Taylor et al. D13/184
D626,461 S * 11/2010 Barrios et al. D12/101
7,943,040 B2 * 5/2011 Taylor et al. 210/167.3
D685,540 S * 7/2013 Yao D32/1
D688,839 S * 8/2013 Helm et al. D32/1
D701,357 S * 3/2014 Barrios et al. D32/1
D731,125 S * 6/2015 Wiekens D32/1

D731,707 S * 6/2015 Grabes et al. D28/44
2010/0307984 A1 * 12/2010 Mortensen et al. 210/704
2011/0253179 A1 * 10/2011 Barrios et al. 134/115 R

* cited by examiner

Primary Examiner — T. Chase Nelson
Assistant Examiner — Michelle E Wilson

(57) **CLAIM**

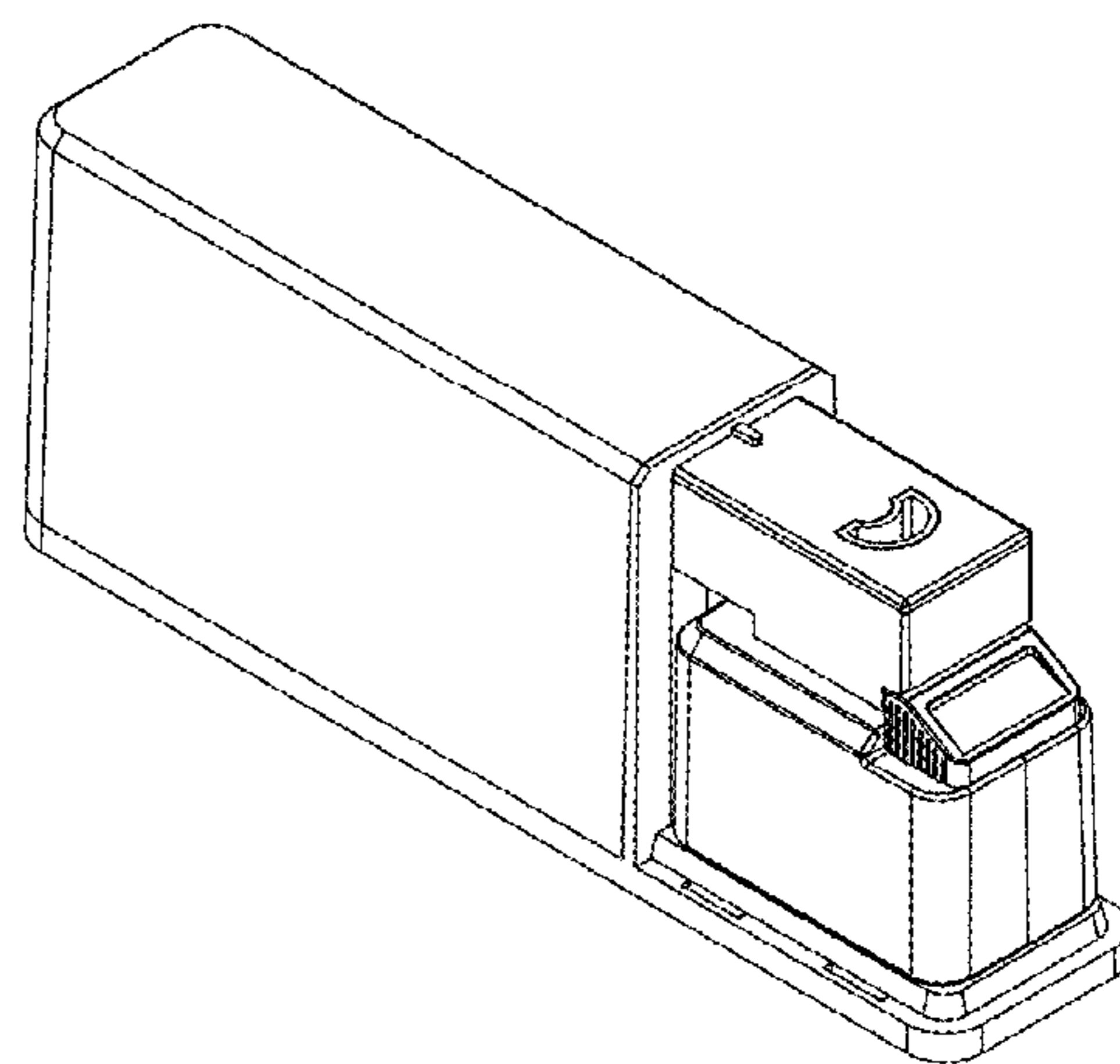
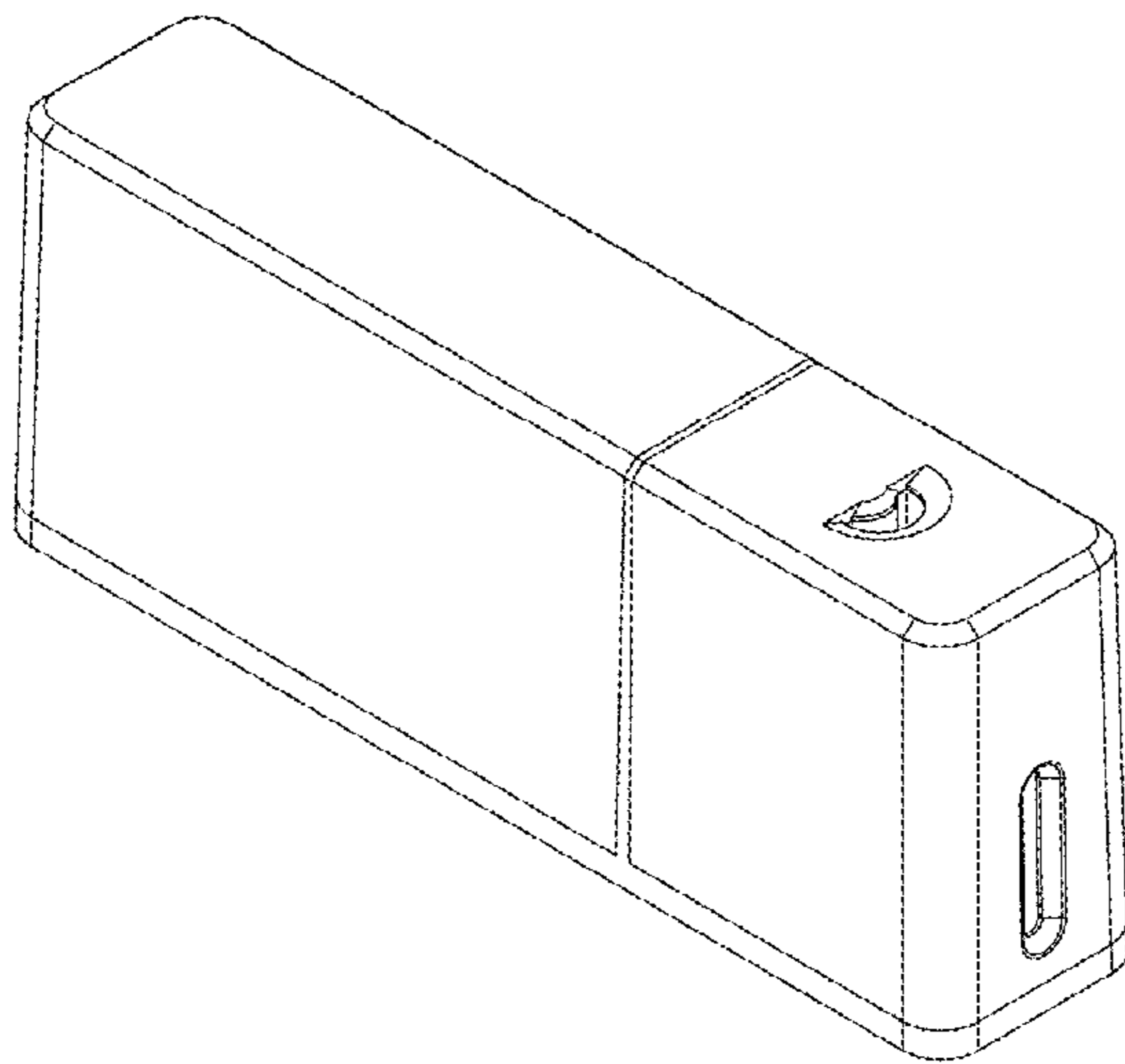
The ornamental design for an environmental cleaning device, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an environmental cleaning device in a closed configuration;
FIG. 2 is a rear perspective view thereof;
FIG. 3 is top view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a side view thereof;
FIG. 6 is a rear view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is front perspective view of an environmental cleaning device in an open configuration showing the cartridge;
FIG. 9 is a rear perspective view of FIG. 8;
FIG. 10 is a top view of FIG. 8;
FIG. 11 is a side view of FIG. 8; and,
FIG. 12 is a front view of FIG. 8.

The broken lines represent portions of the environmental cleaning device that form no part of the claimed design.

1 Claim, 12 Drawing Sheets



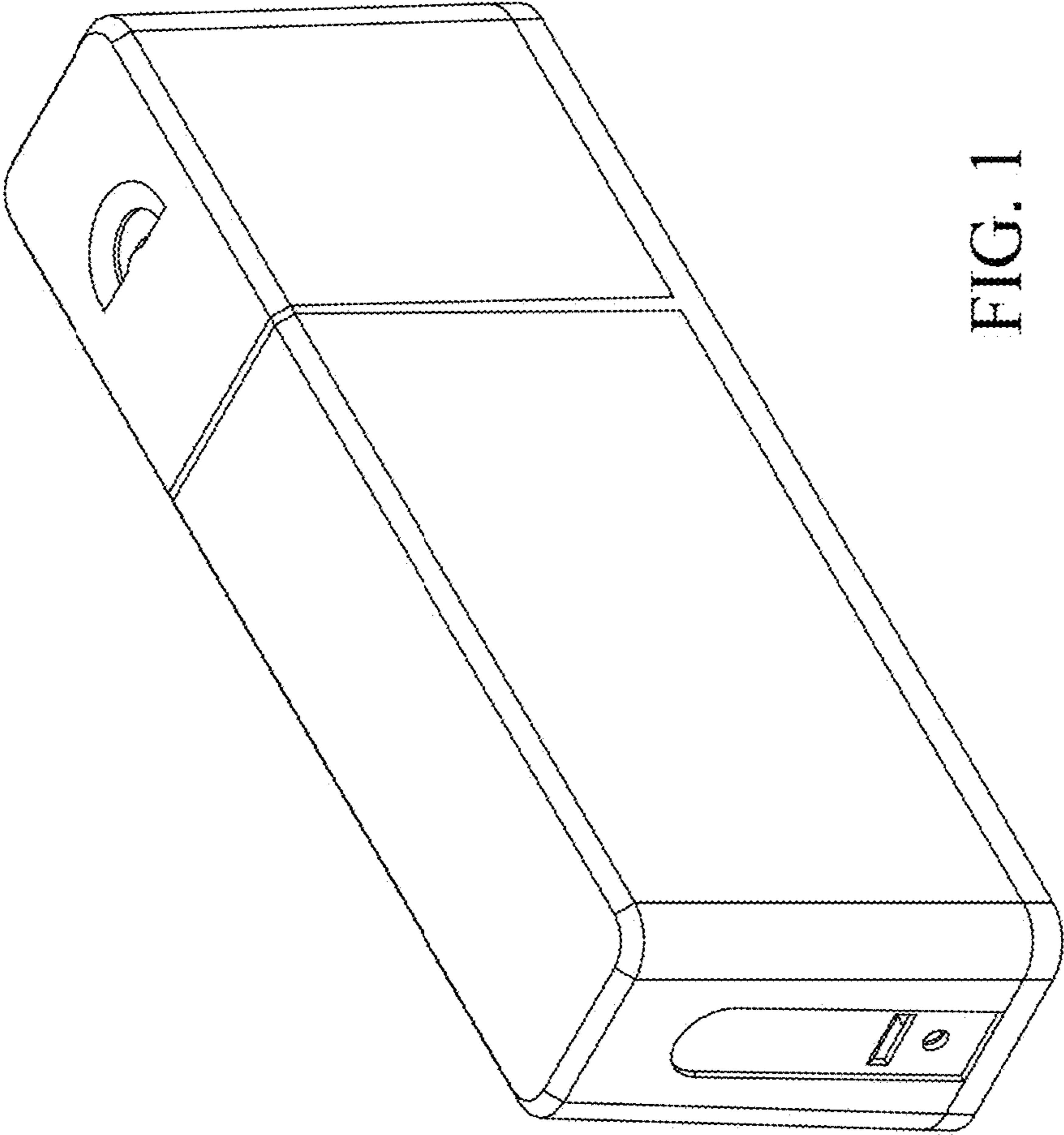


FIG. 1

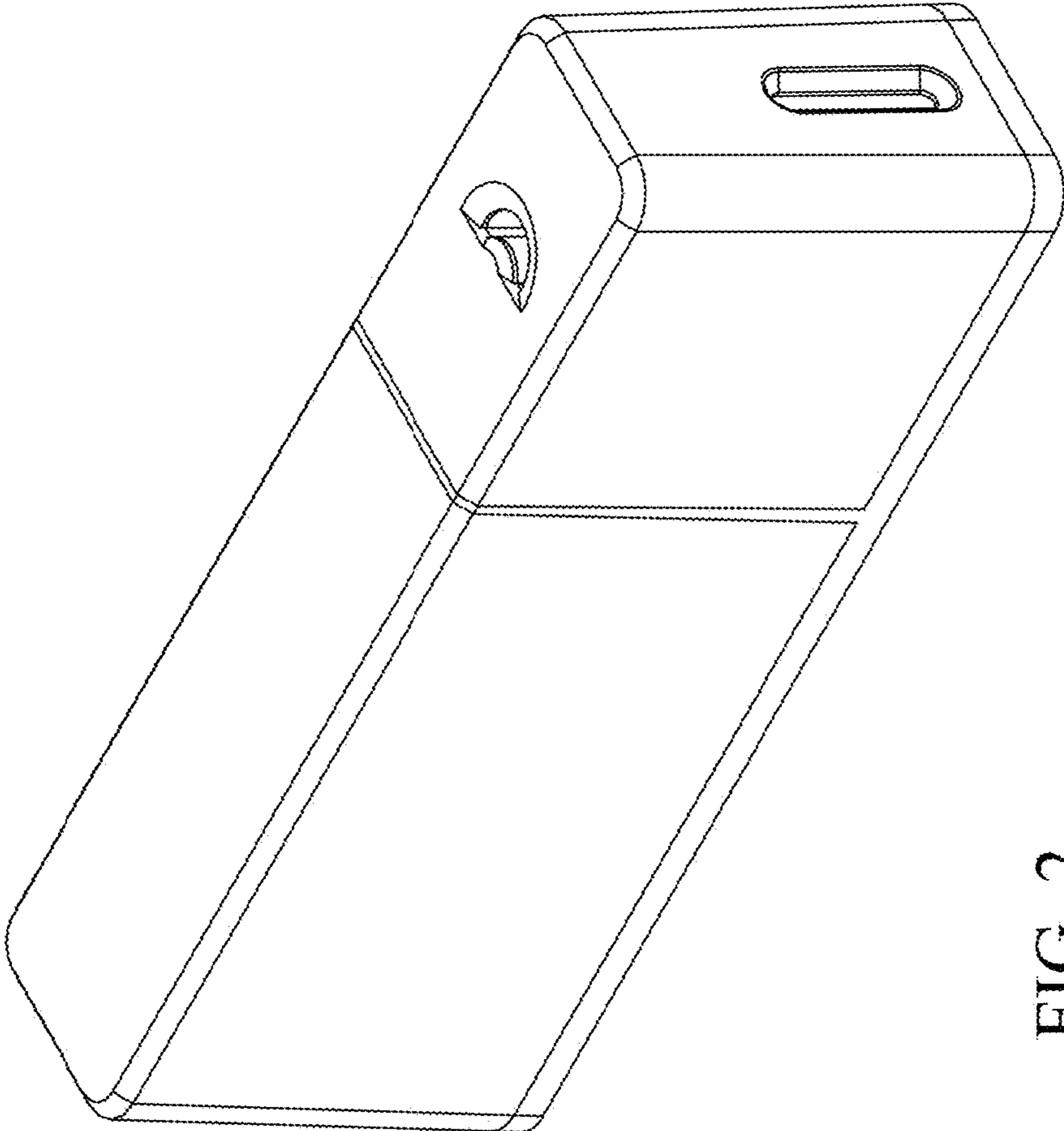


FIG. 2

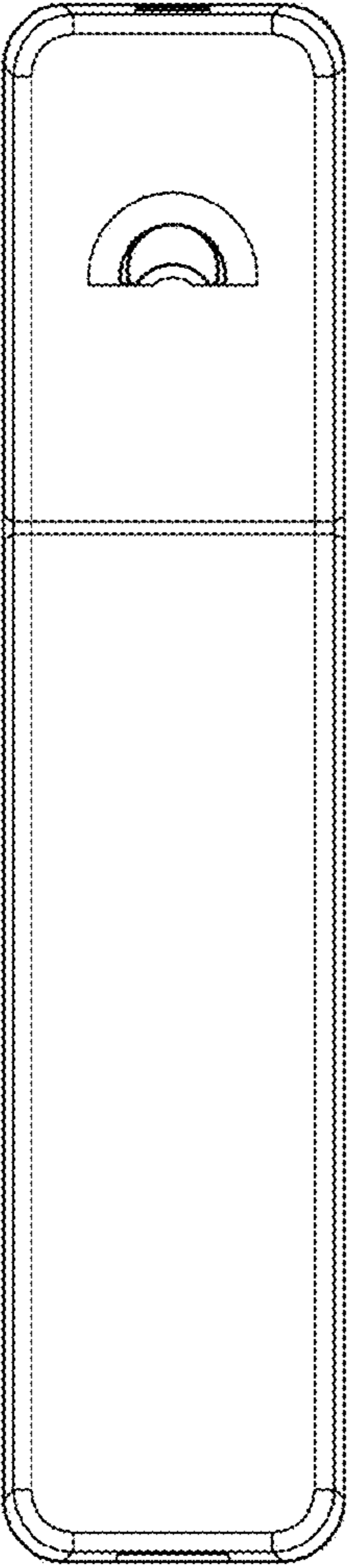


FIG. 3

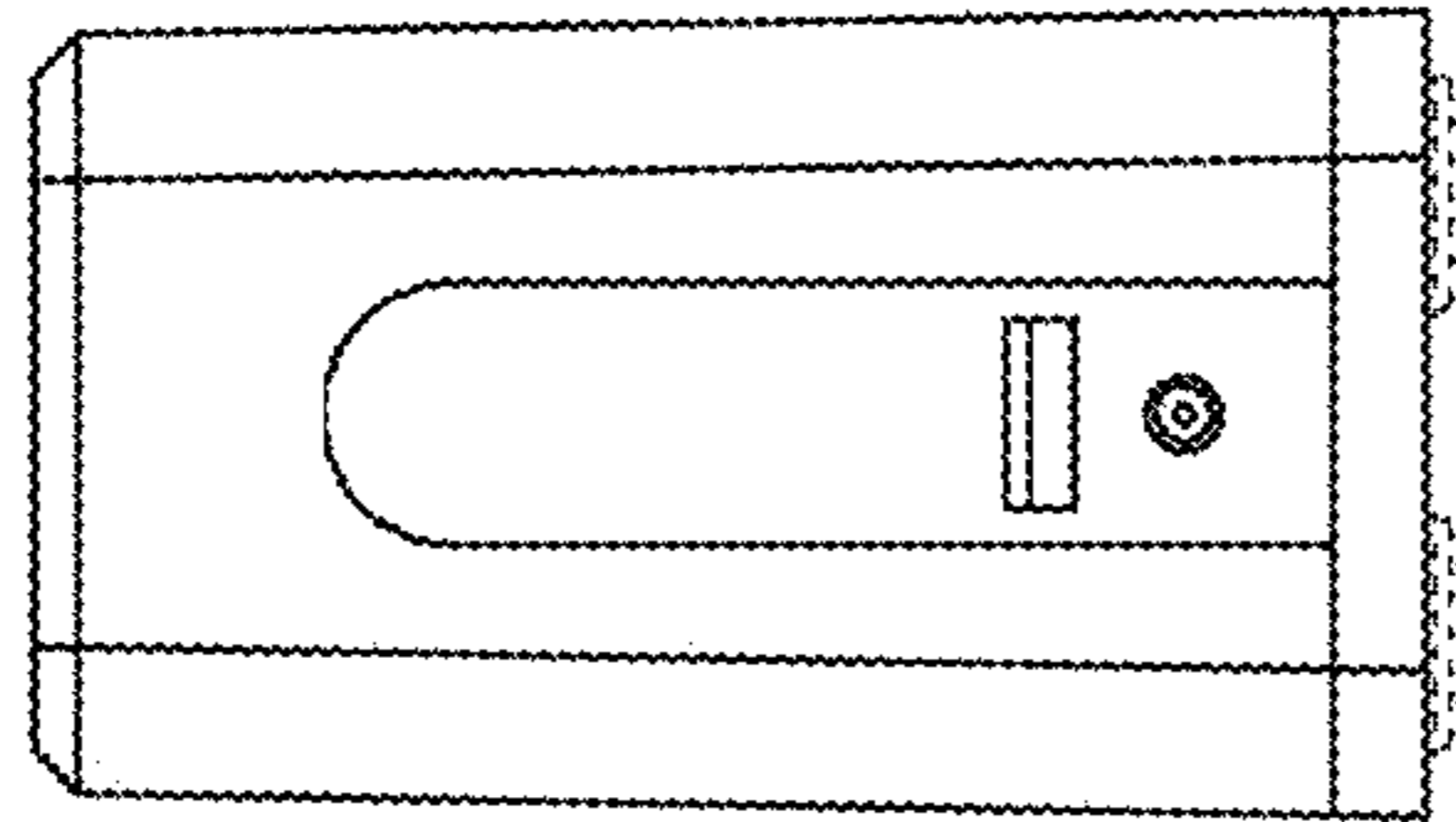


FIG. 4

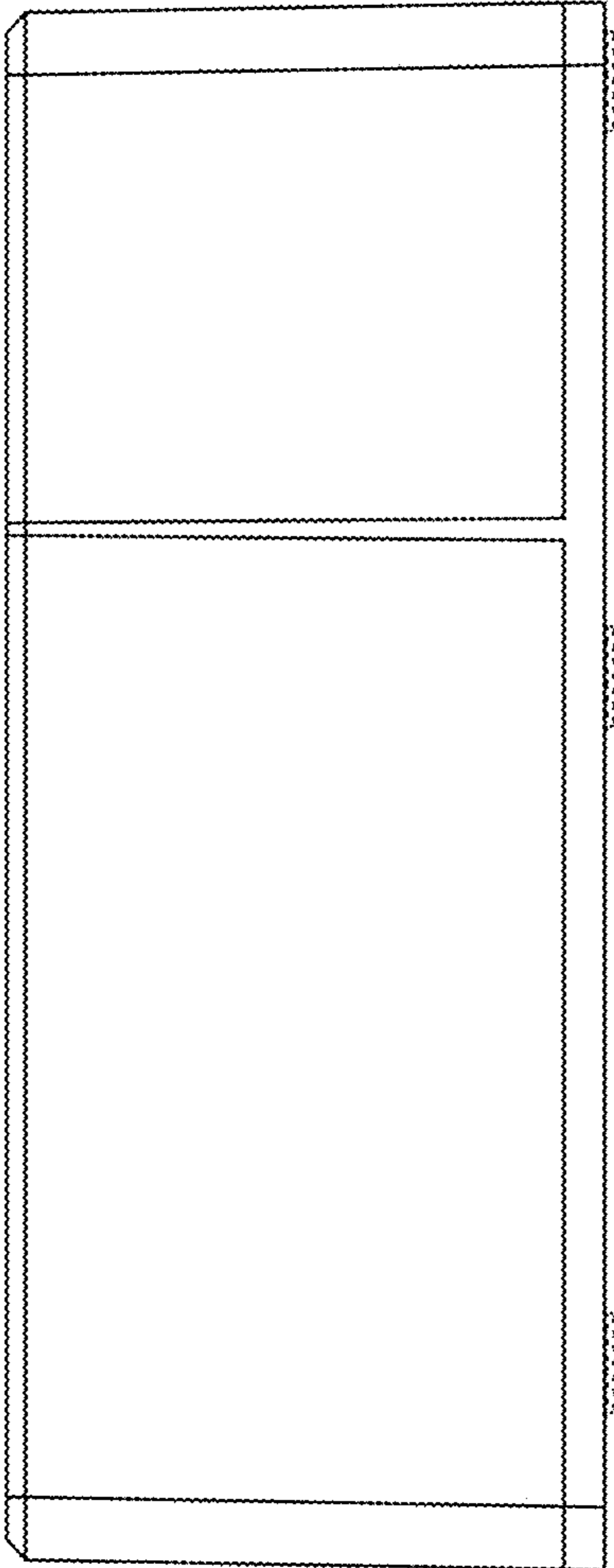


FIG. 5

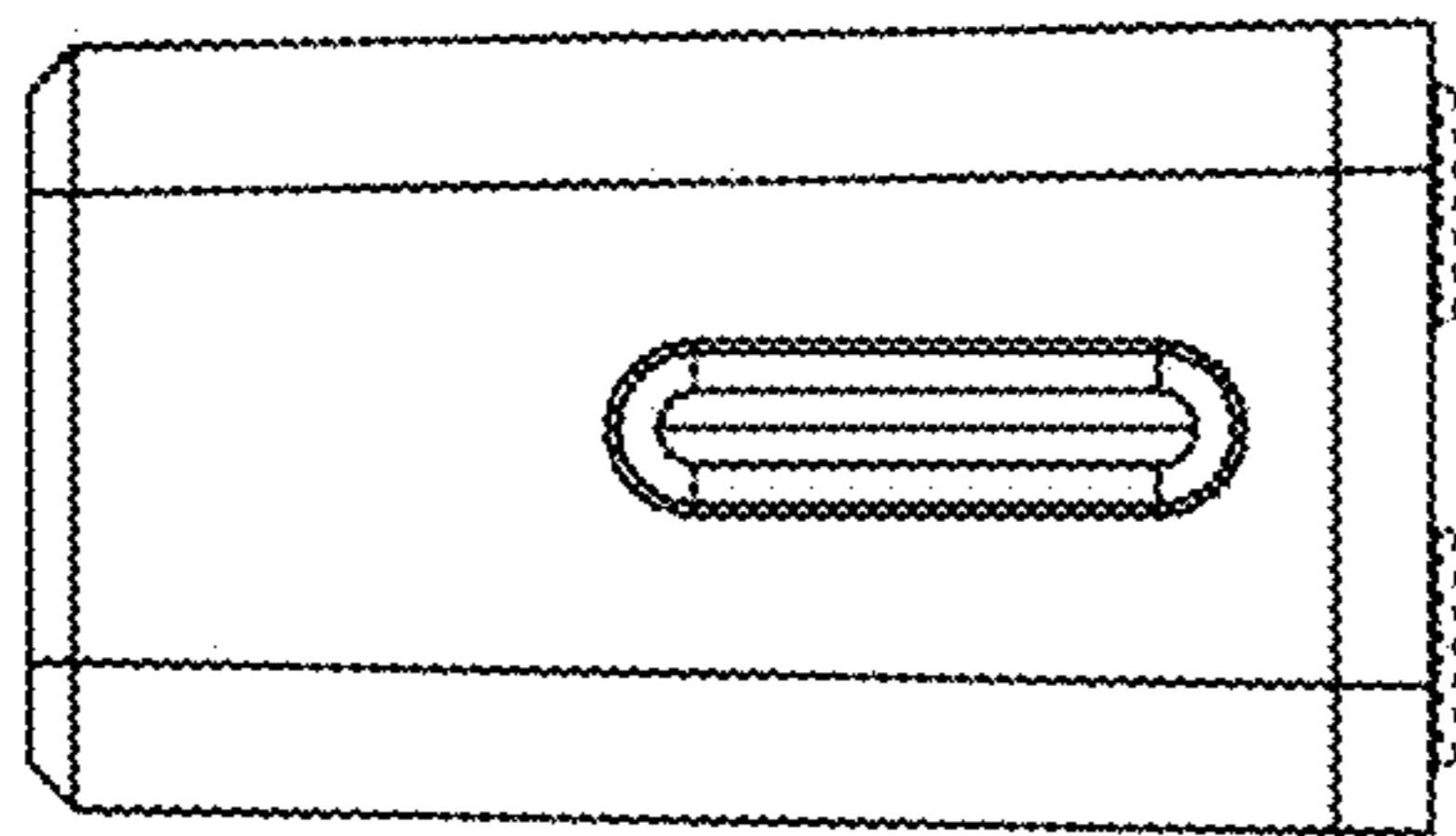


FIG. 6

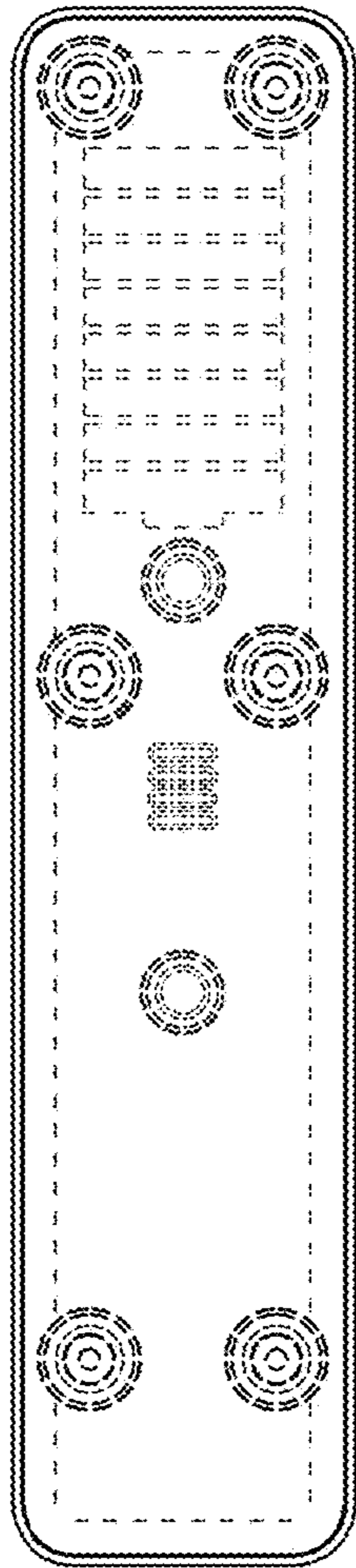


FIG. 7

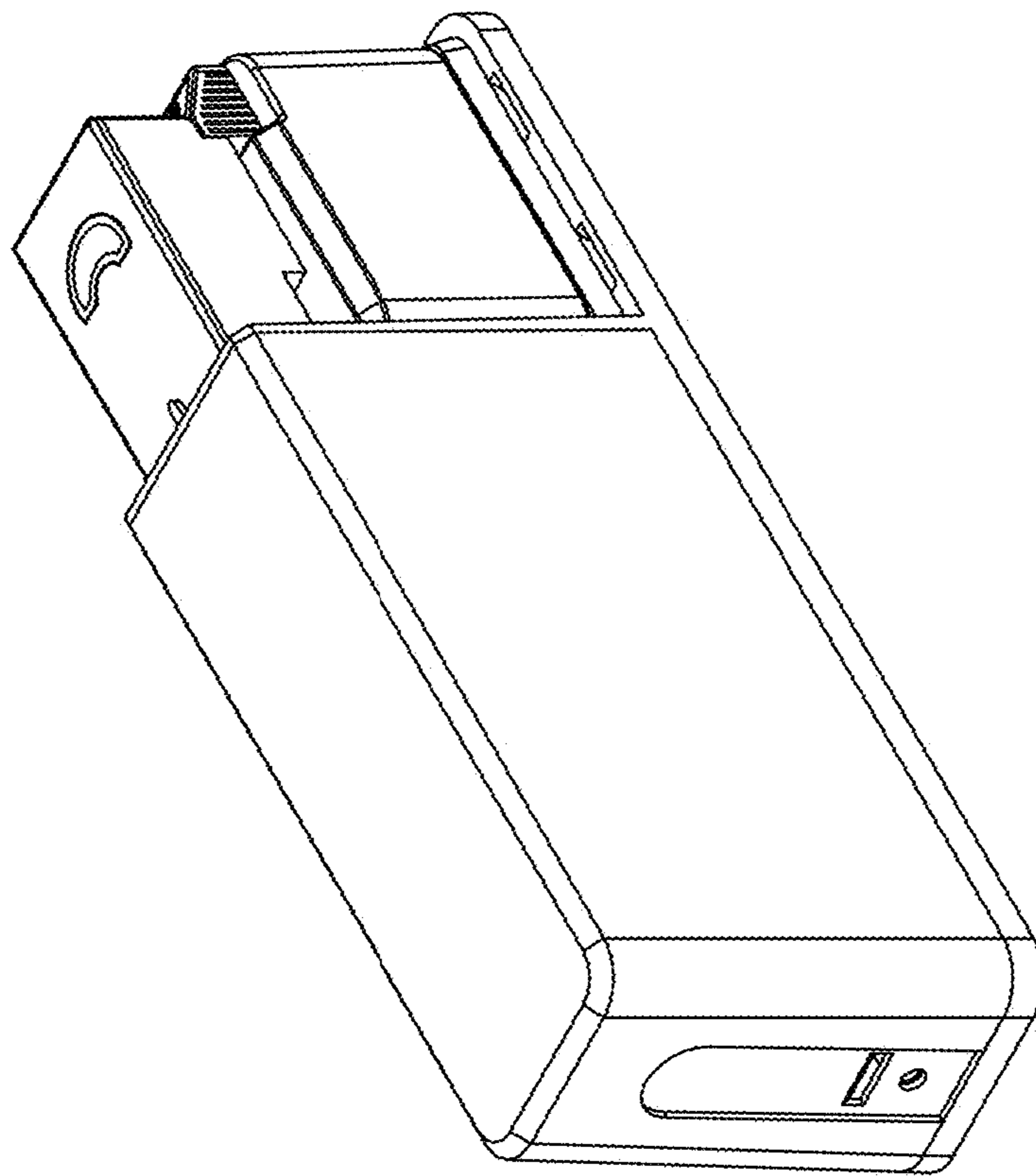


FIG. 8

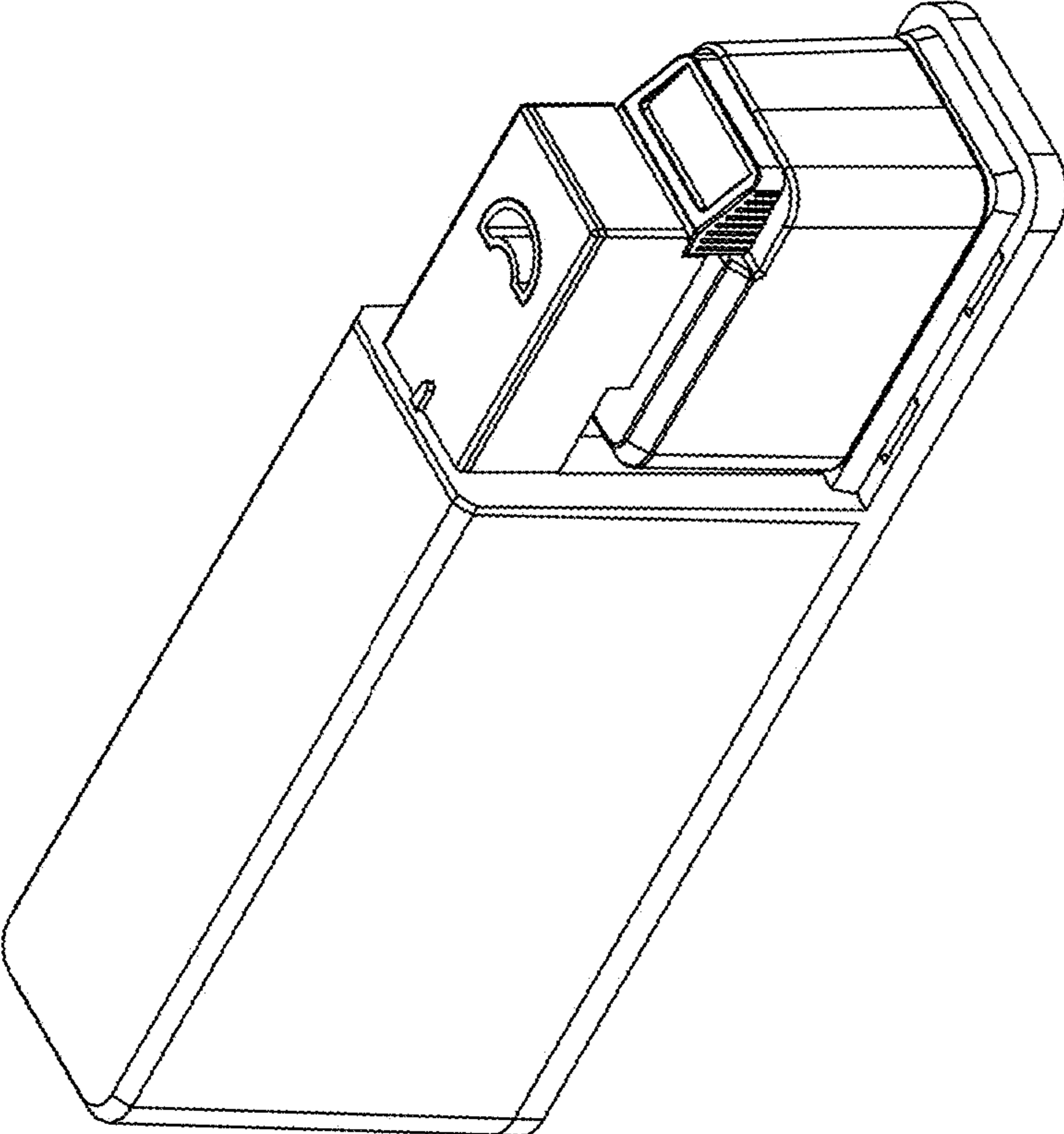


FIG. 9

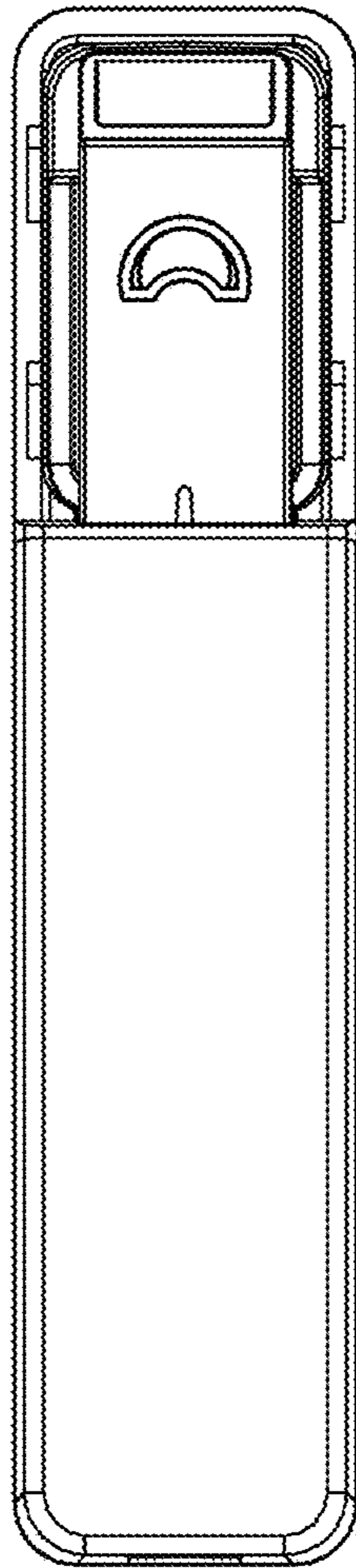


FIG. 10

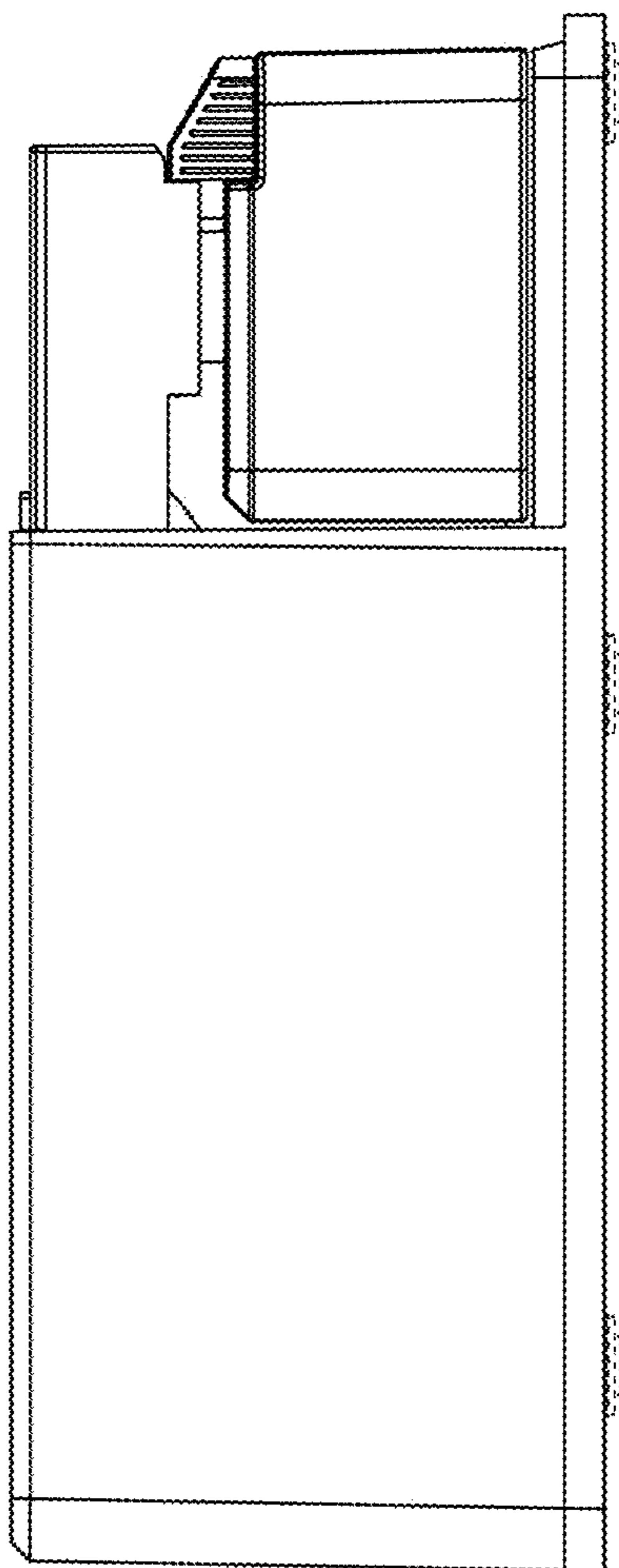


FIG. 11

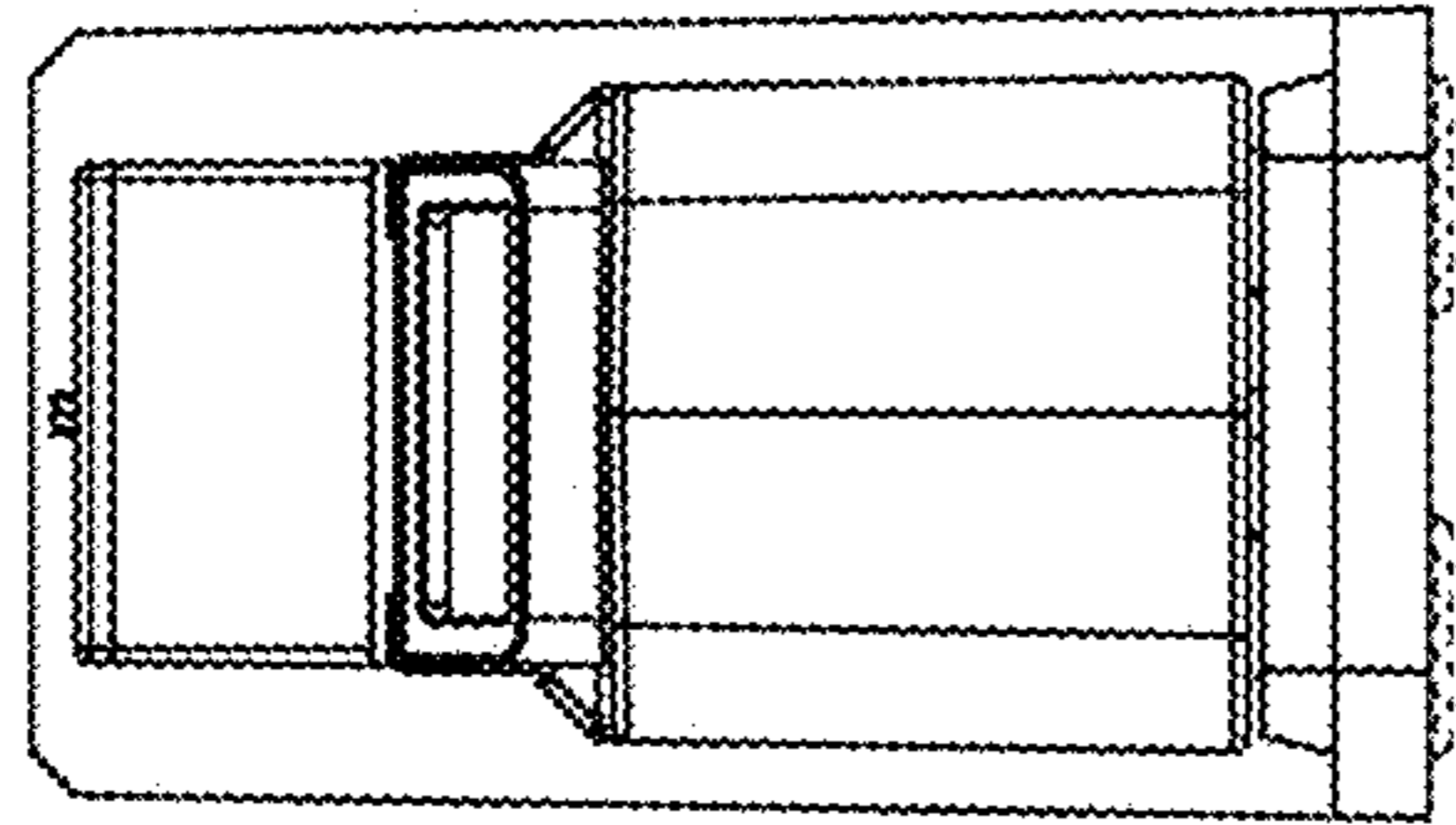


FIG. 12