



US00D431046S

United States Patent [19]

[11] **Patent Number: Des. 431,046**

Dwyer et al.

[45] **Date of Patent: ** Sep. 19, 2000**

[54] **MODULAR DUPLEXING MODULE FOR AN INKJET PRINTING MECHANISM**

D. 422,623 4/2000 Fukuoka D18/12
5,371,575 12/1994 Sekino et al. 399/25

[75] Inventors: **Daniel R. Dwyer**, Battle Ground;
Thomas W. Ruhe, La Center; **Jeffrey R. Blackman**; **Corlene M. Ankrum**,
both of Vancouver, all of Wash.; **Eric S. Schuh**, Portland, Oreg.

Primary Examiner—Caron D. Veynar
Attorney, Agent, or Firm—Flory L. Martin

[73] Assignee: **Hewlett-Packard Company**, Palo Alto, Calif.

[57] **CLAIM**

The ornamental design for a modular duplexing module for an inkjet printing mechanism, substantially as shown and described.

[**] Term: **14 Years**

DESCRIPTION

[21] Appl. No.: **29/107,445**

FIG. 1 is a perspective view of a modular duplexing module for an inkjet printing mechanism, in accordance with the present invention;

[22] Filed: **Jul. 6, 1999**

FIG. 2 is a top plan view thereof;

[51] **LOC (7) Cl.** **18-99**

[52] **U.S. Cl.** **D18/40**; D18/46

[58] **Field of Search** D18/56, 36-40,
D18/46, 50; 399/16, 24, 25, 361, 364; 271/3.01,
3.14, 8.1, 278

FIG. 3 is a front elevational view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a left side elevational view thereof; and,

FIG. 7 is a right side elevational view thereof.

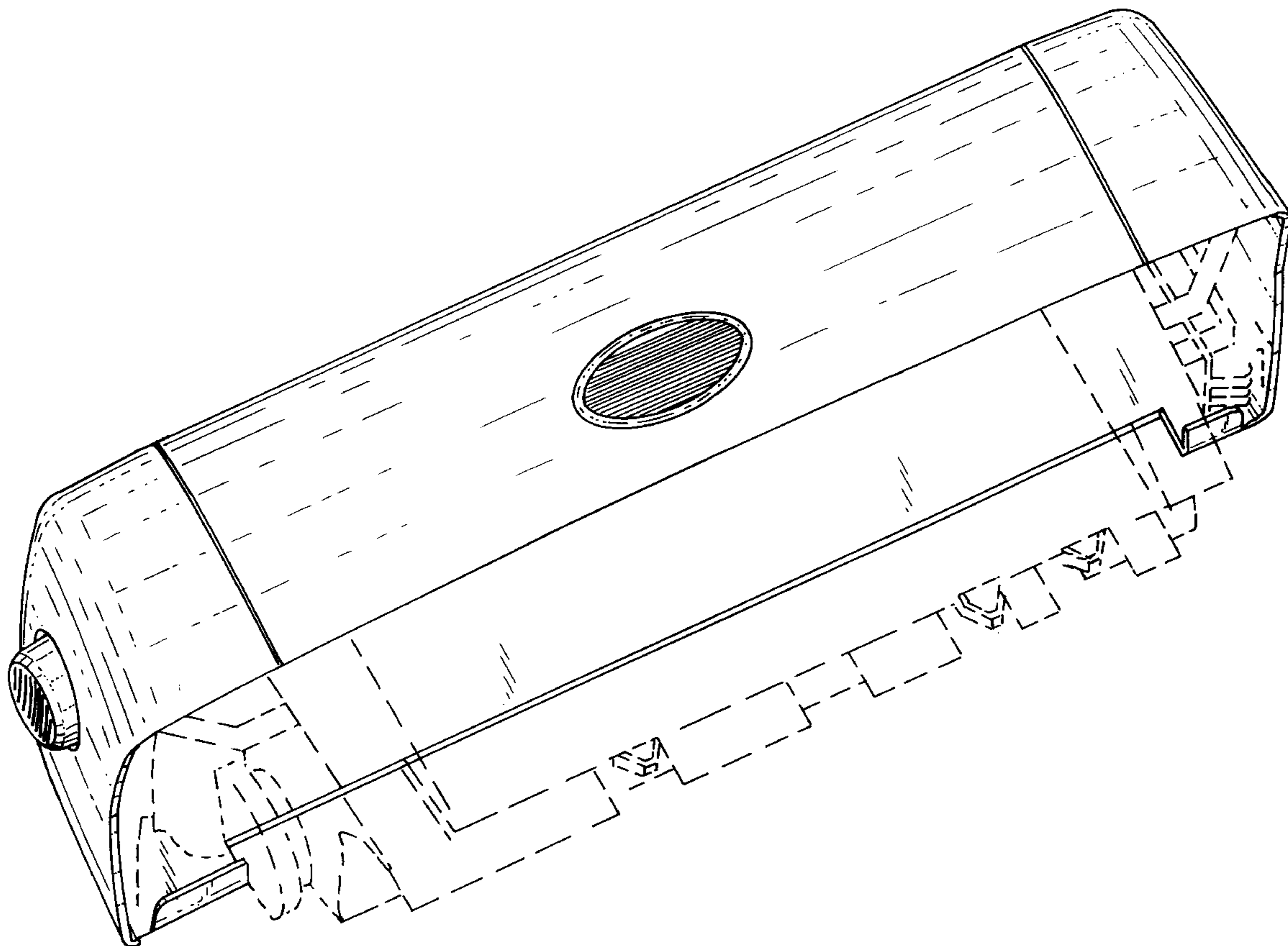
The broken line showing of the duplexing mechanism, along with potential mechanical and electrical interconnections where the duplexing module is coupled to an inkjet printing mechanism, in FIGS. 1-4 and 6-7, is for illustrative purposes only and forms no part of the claimed design.

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 186,474 10/1959 Robbins D18/39
D. 327,088 6/1992 Murase D18/56

1 Claim, 6 Drawing Sheets



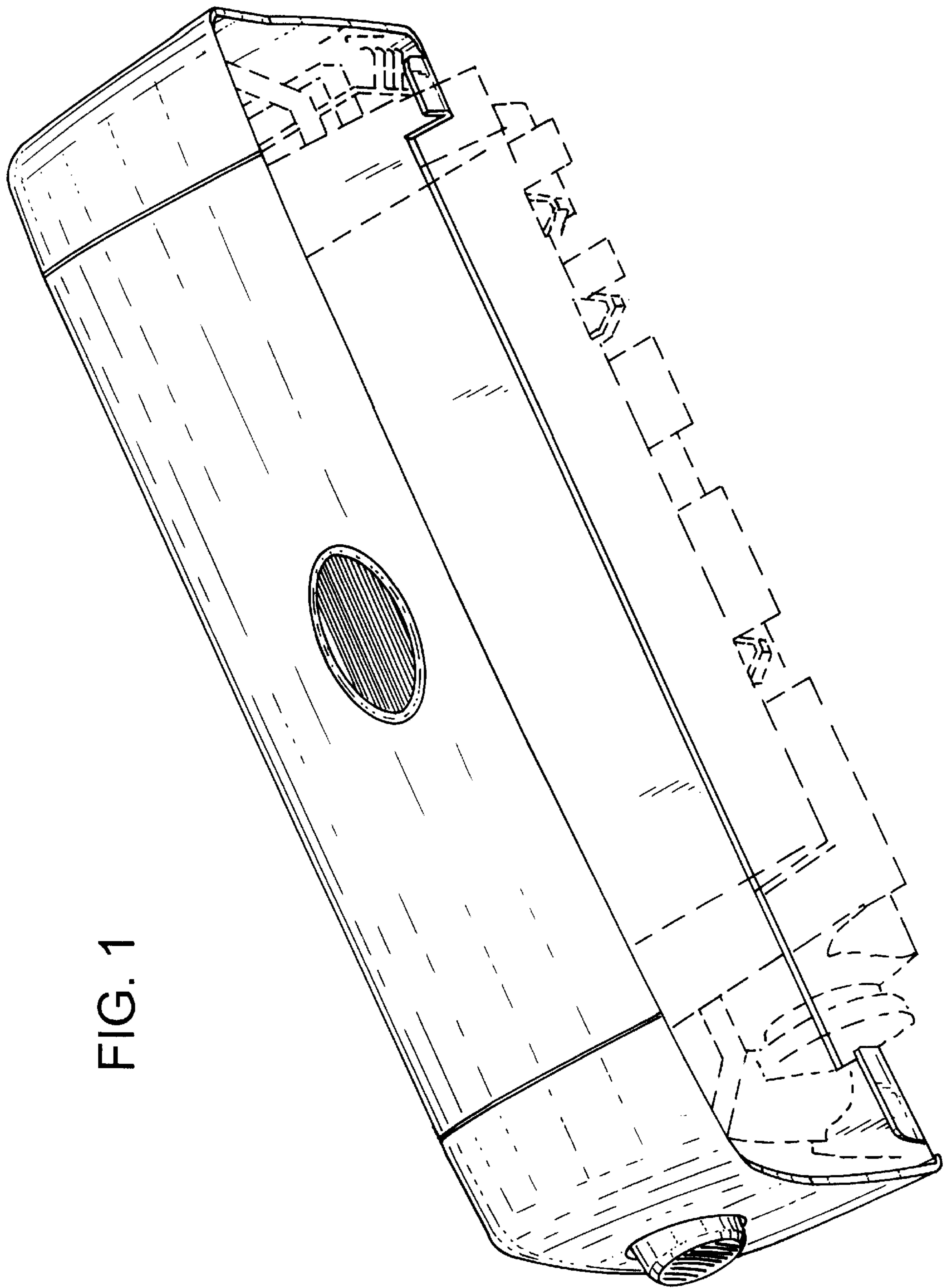
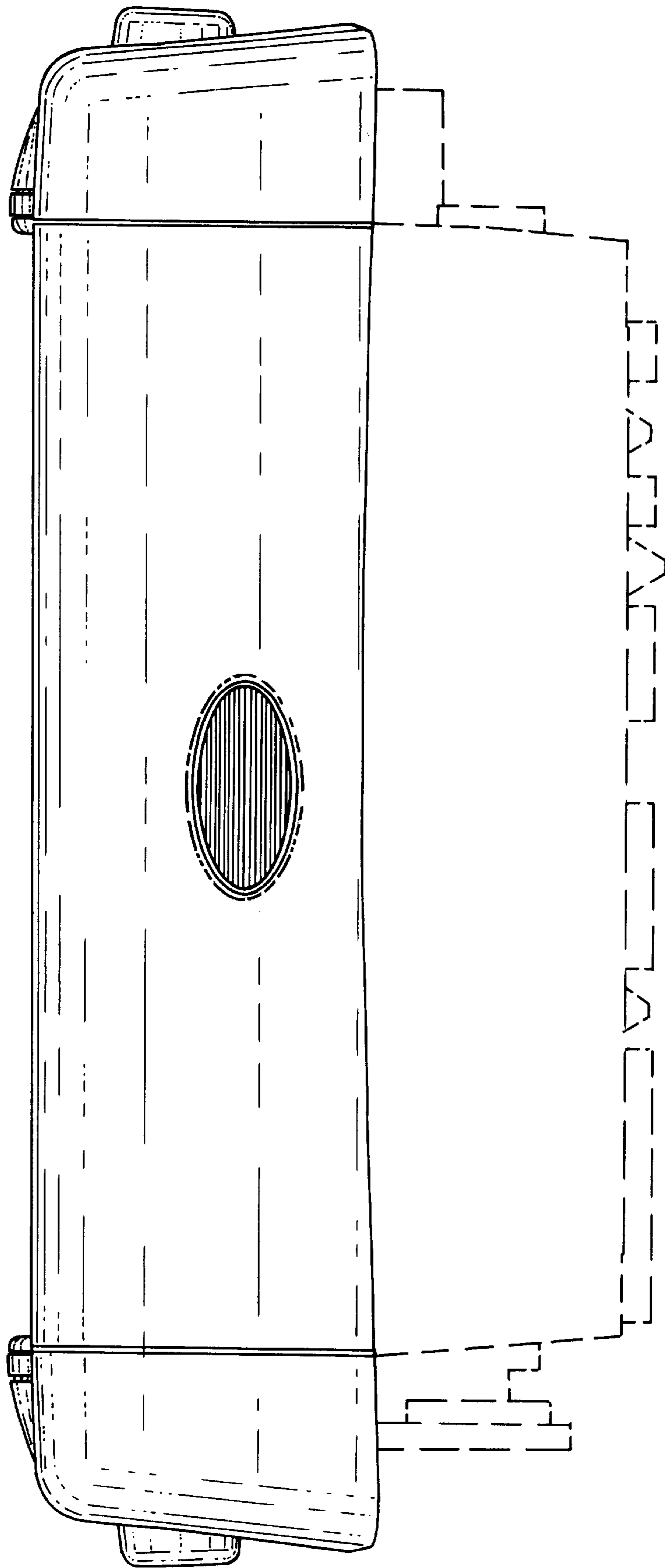


FIG. 1

FIG. 2



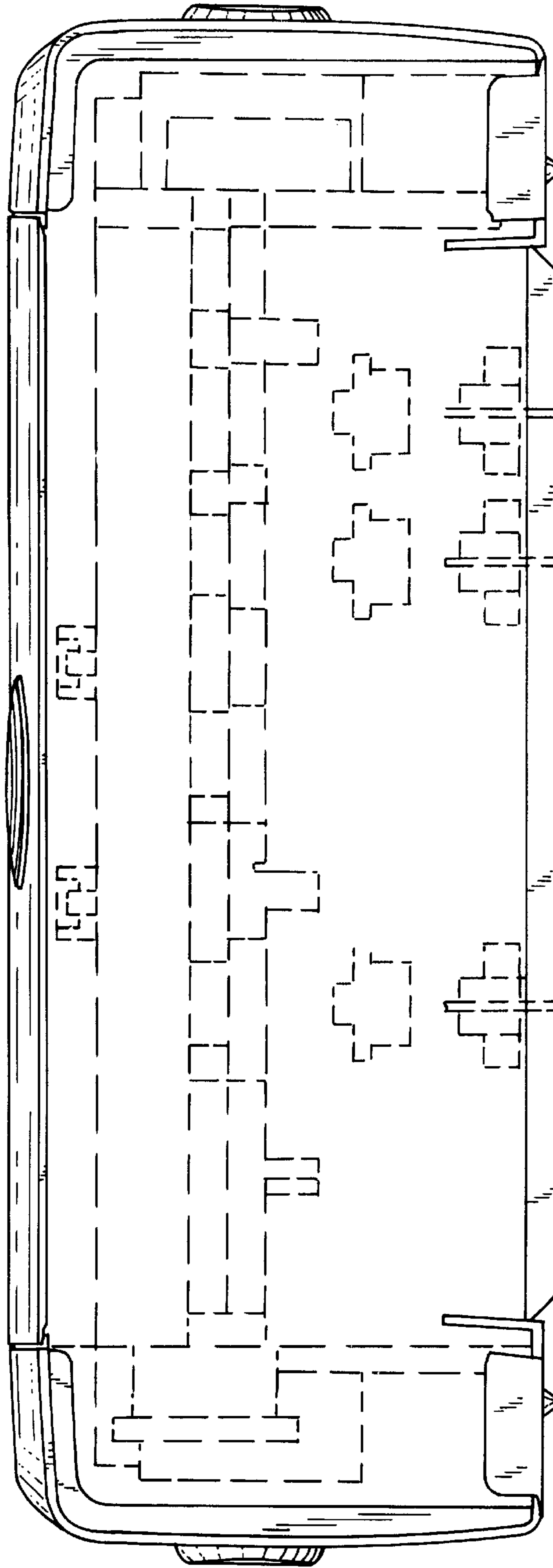
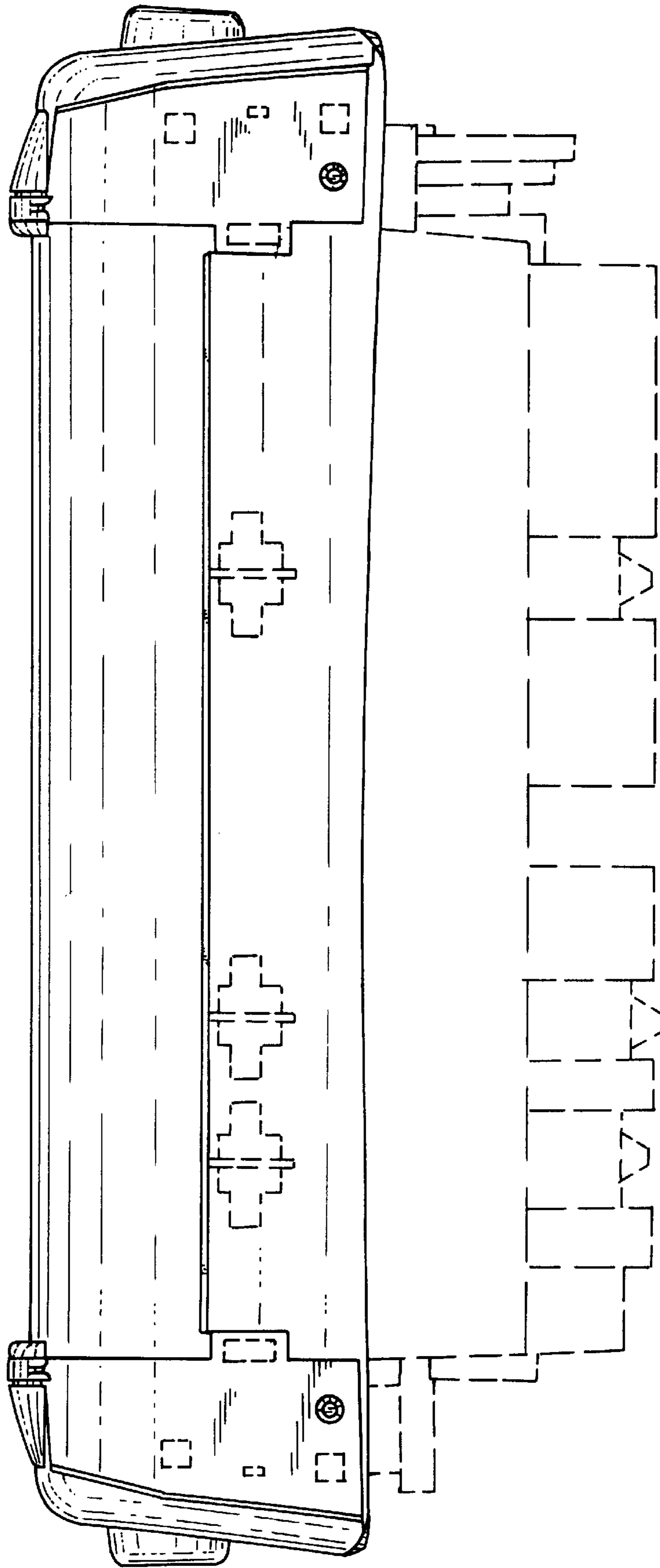


FIG. 3

FIG. 4



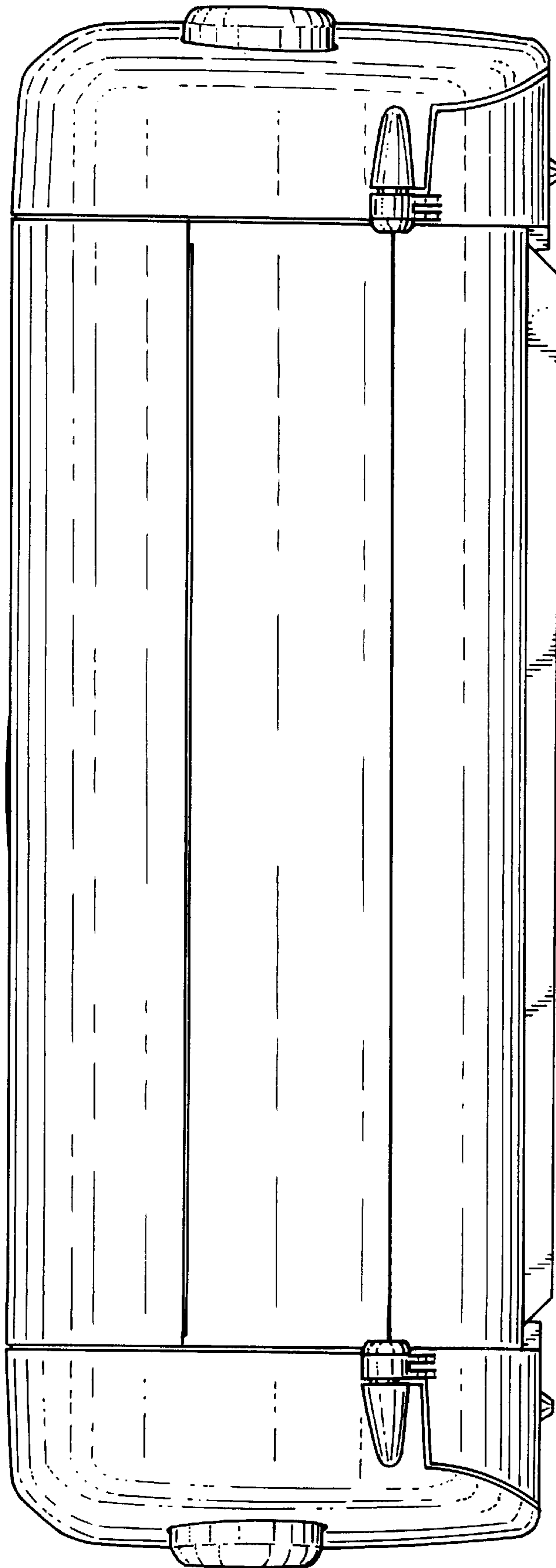


FIG. 5

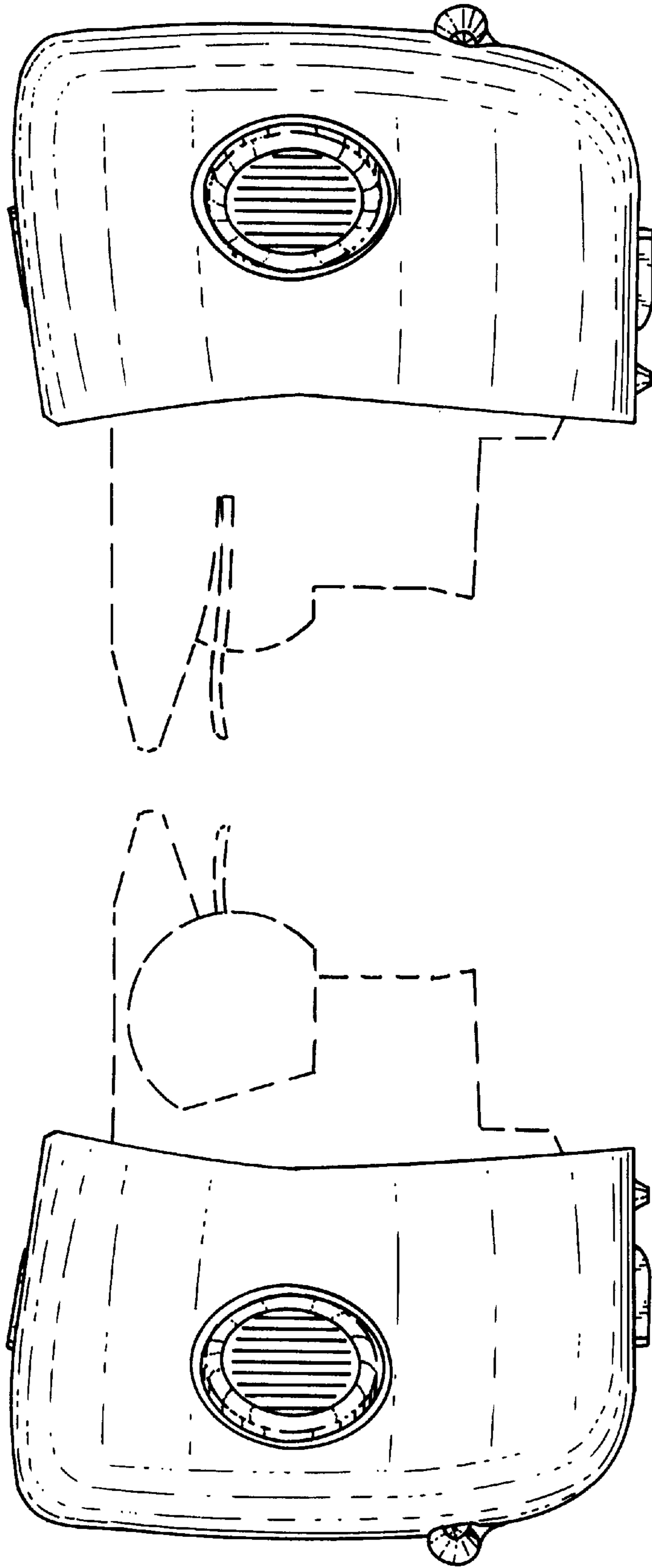


FIG. 6

FIG. 7