



US00D888671S

(12) **United States Design Patent** (10) **Patent No.:** **US D888,671 S**
Cloud et al. (45) **Date of Patent:** **** Jun. 30, 2020**

(54) **LOW DEBRIS DUST CAP**

D855,574 S * 8/2019 Bhagyanathan Sathianathan
D13/154

(71) Applicant: **US Conec, Ltd**, Hickory, NC (US)

2011/0188813 A1 * 8/2011 Marcouiller G02B 6/3849
385/78

(72) Inventors: **Mitchell Cloud**, Matthews, NC (US);
Jason Higley, Hickory, NC (US);
Darrell R. Childers, Hickory, NC (US)

2018/0095226 A1 4/2018 Watanabe
2018/0210154 A1 7/2018 Jong

* cited by examiner

(73) Assignee: **US Conec, Ltd.**, Hickory, NC (US)

Primary Examiner — Gino Colan

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

(74) *Attorney, Agent, or Firm* — Michael L. Leetzow,
P.A.; Shubhrangshu Sengupta

(21) Appl. No.: **29/663,796**

(22) Filed: **Sep. 19, 2018**

(57) **CLAIM**

The ornamental design for a low debris dust cap, as shown
and described.

Related U.S. Application Data

(63) Continuation of application No. 15/947,794, filed on
Apr. 7, 2018, now Pat. No. 10,175,427.

DESCRIPTION

(51) **LOC (12) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/154**

(58) **Field of Classification Search**
USPC D13/156, 120, 154, 199; D10/103, 80;
D23/259; 385/78

CPC H01R 13/5213; G02B 6/3849; G02B
6/3885; G02B 6/387; G02B 6/3893;
G02B 6/3821

See application file for complete search history.

FIG. 1 is a top front right perspective view of a first
embodiment of a low debris dust cap showing our new
design;

FIG. 2 is a front elevation view thereof, the back side being
the same;

FIG. 3 is a right side elevation view thereof, the left side
elevation being the same;

FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a top front right perspective view of a second
embodiment of a low debris dust cap showing our new
design;

FIG. 7 is a front elevation view thereof, the back side being
the same;

FIG. 8 is a right side elevation view thereof, the left side
elevation being the same;

FIG. 9 is a top plan view thereof; and,

FIG. 10 is a bottom plan view thereof.

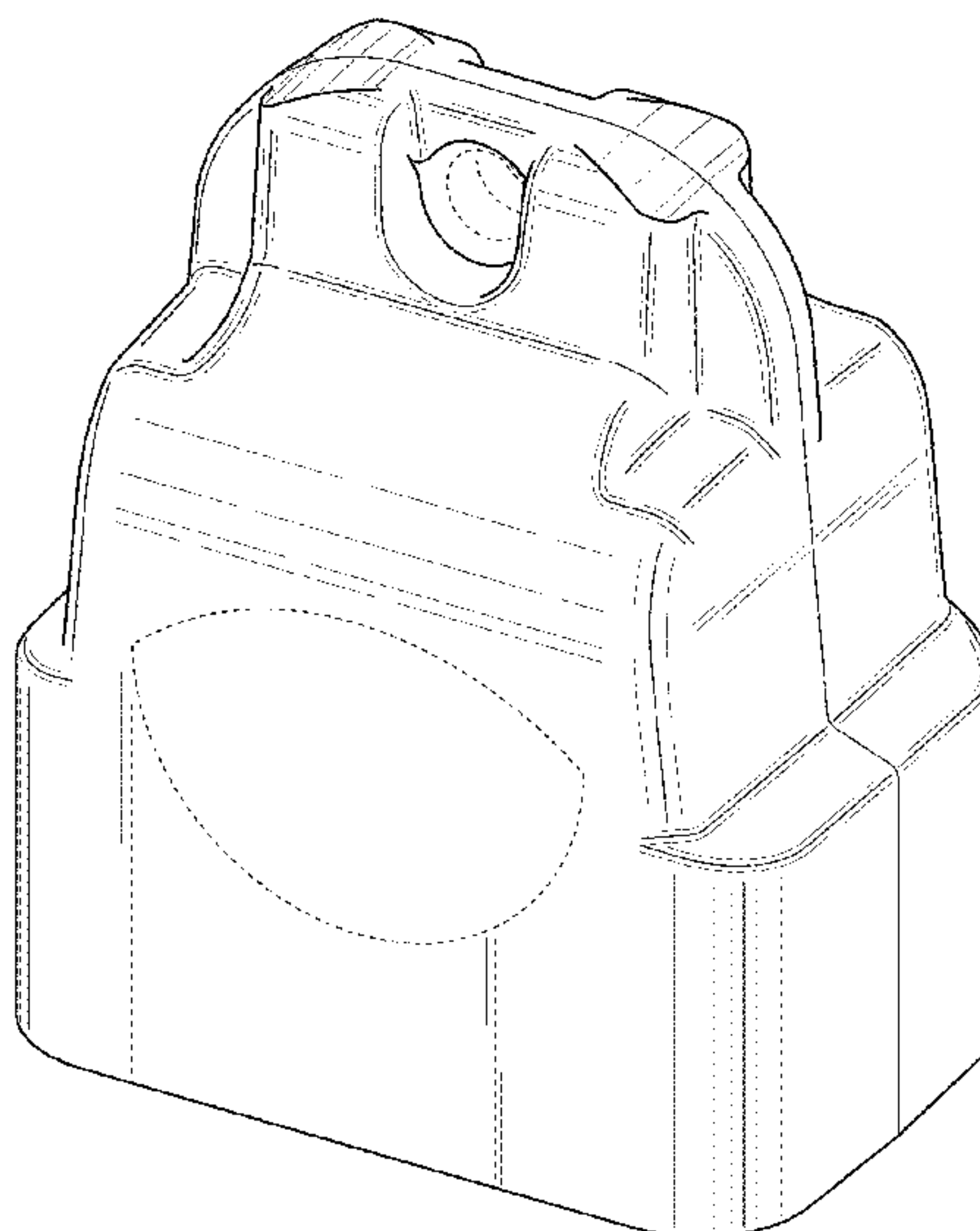
The broken lines shown in the figures are for the purpose of
illustrating portions of the low debris dust cap and form no
part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

8,262,294 B2 9/2012 Marcouiller et al.
D751,993 S * 3/2016 Stewart D13/156
9,417,402 B2 * 8/2016 Hikosaka H01R 13/5213
10,175,427 B2 * 1/2019 Cloud G02B 6/3849
10,209,456 B2 * 2/2019 Collier G02B 6/3849
10,209,457 B2 * 2/2019 Watanabe G02B 6/3849
10,241,276 B2 * 3/2019 Chai G02B 6/36
D847,759 S * 5/2019 Bhagyanathan Sathianathan
D13/154
D847,761 S * 5/2019 Bhagyanathan Sathianathan
D13/154

1 Claim, 8 Drawing Sheets



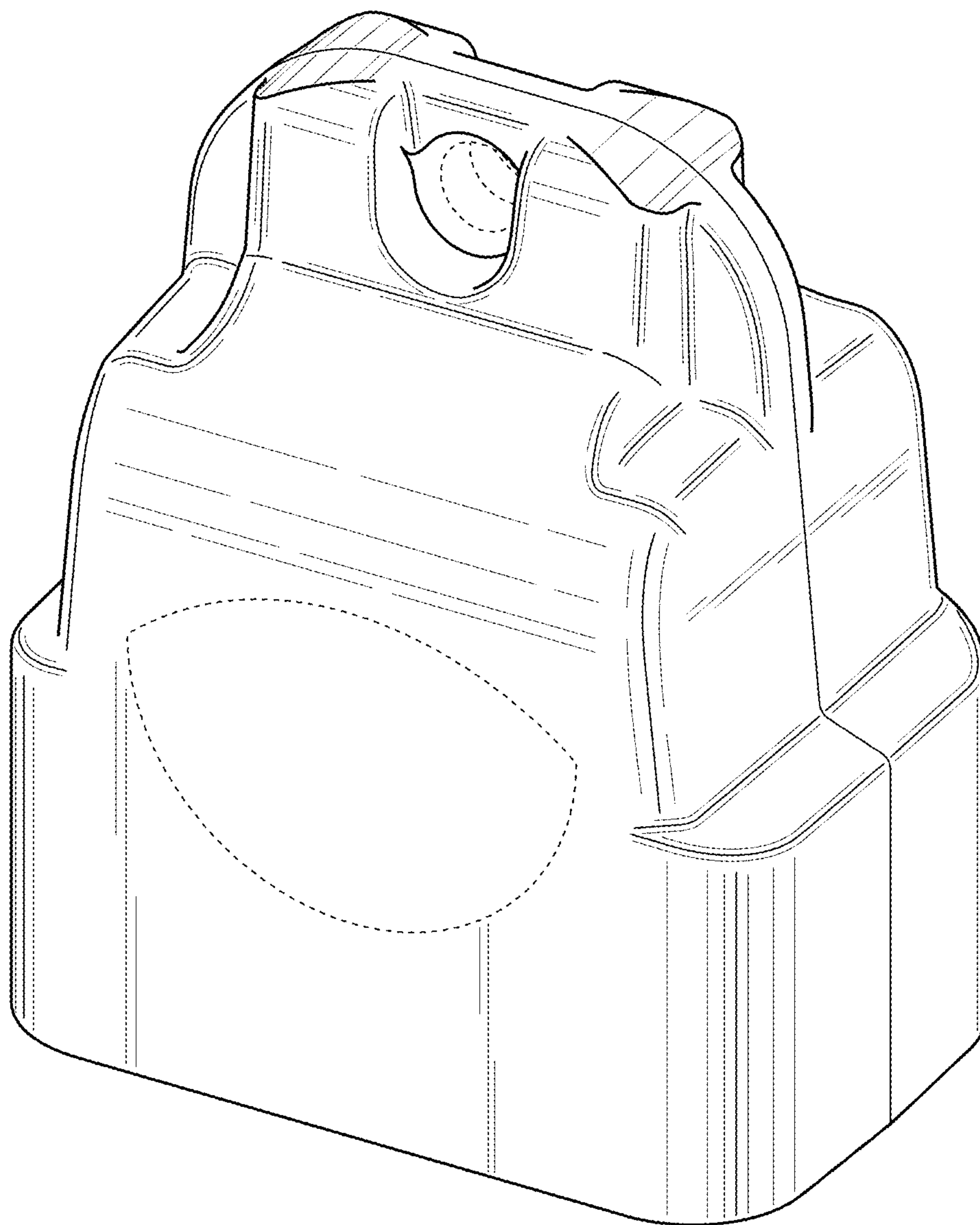


Fig. 1

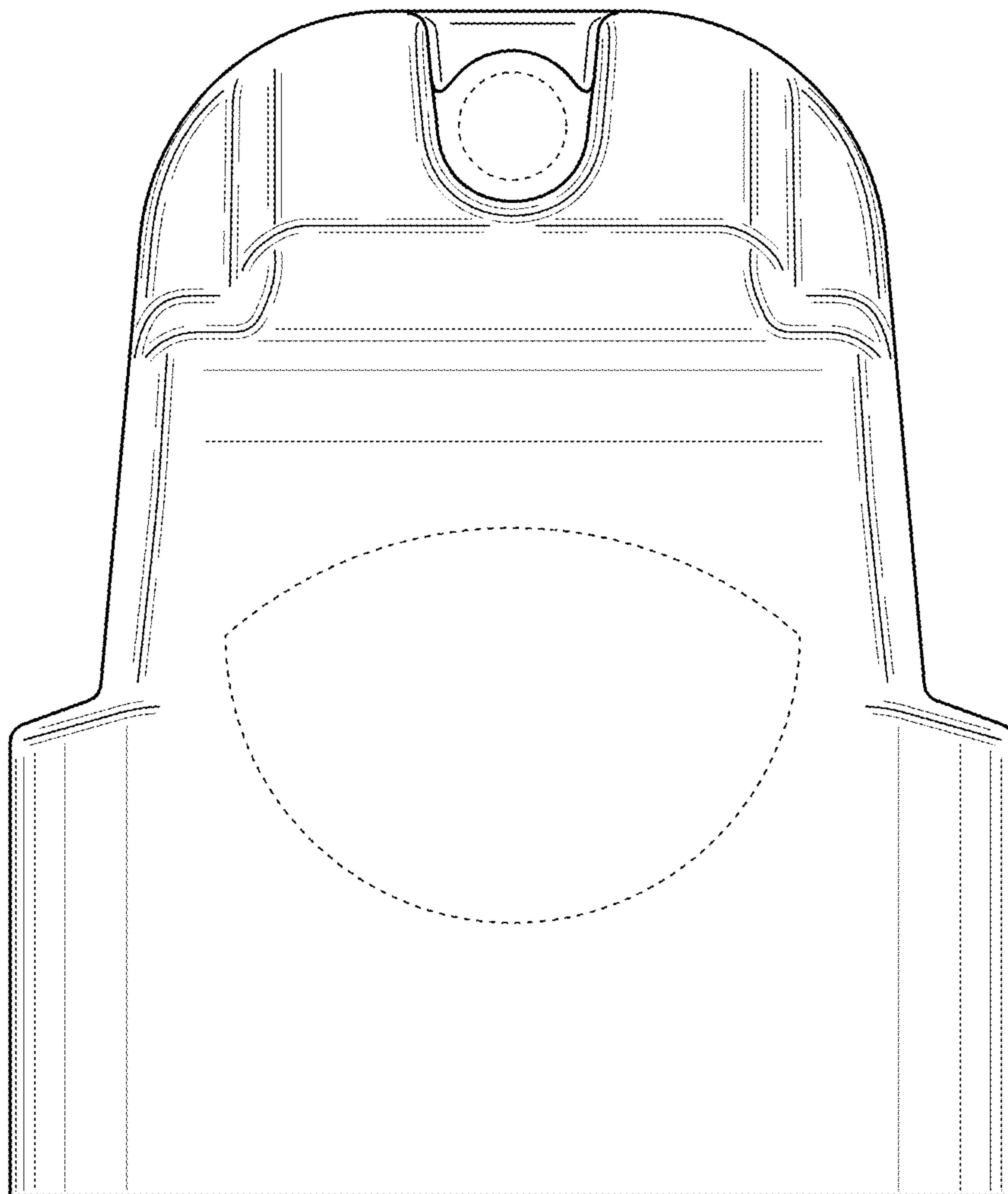


Fig. 2

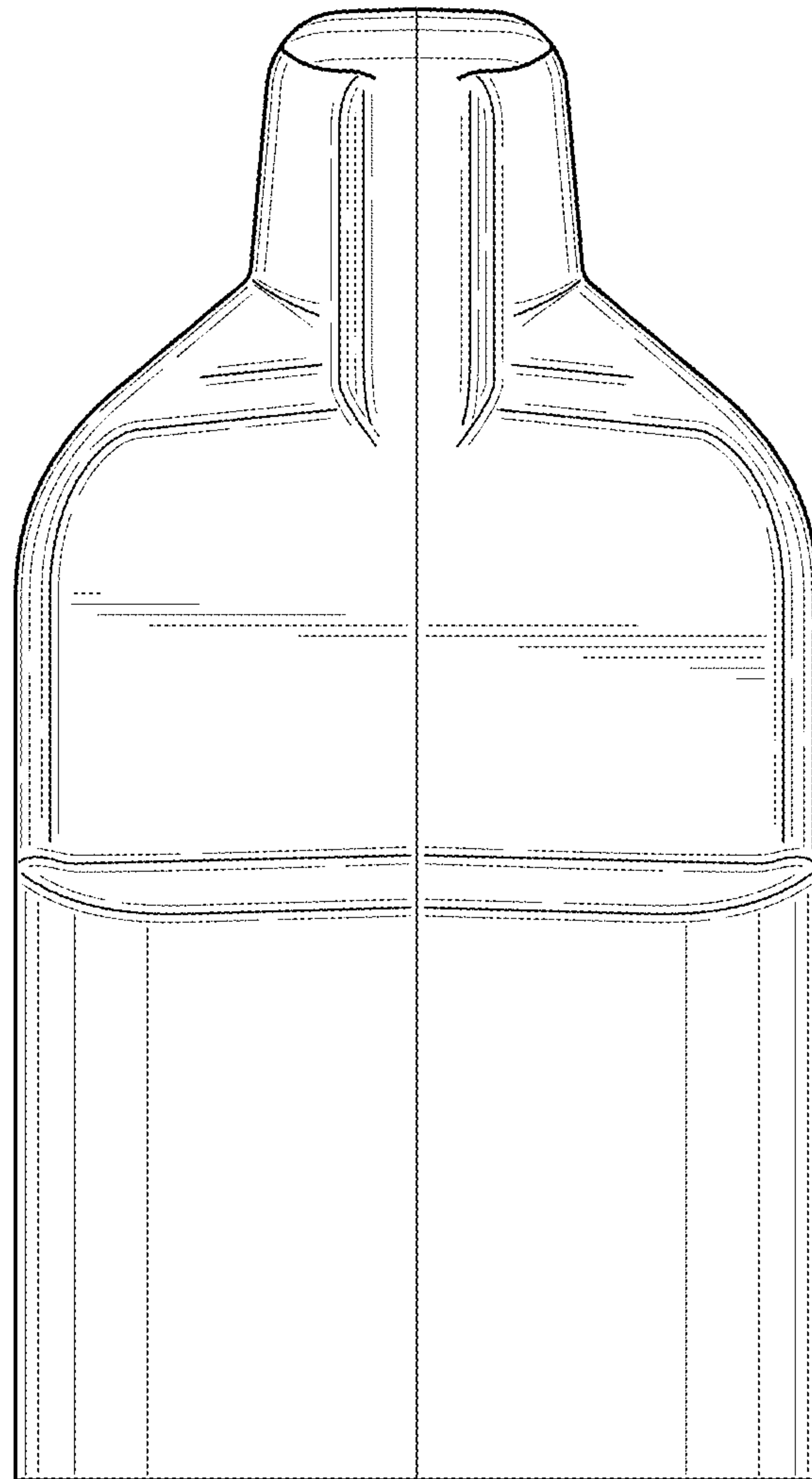


Fig. 3

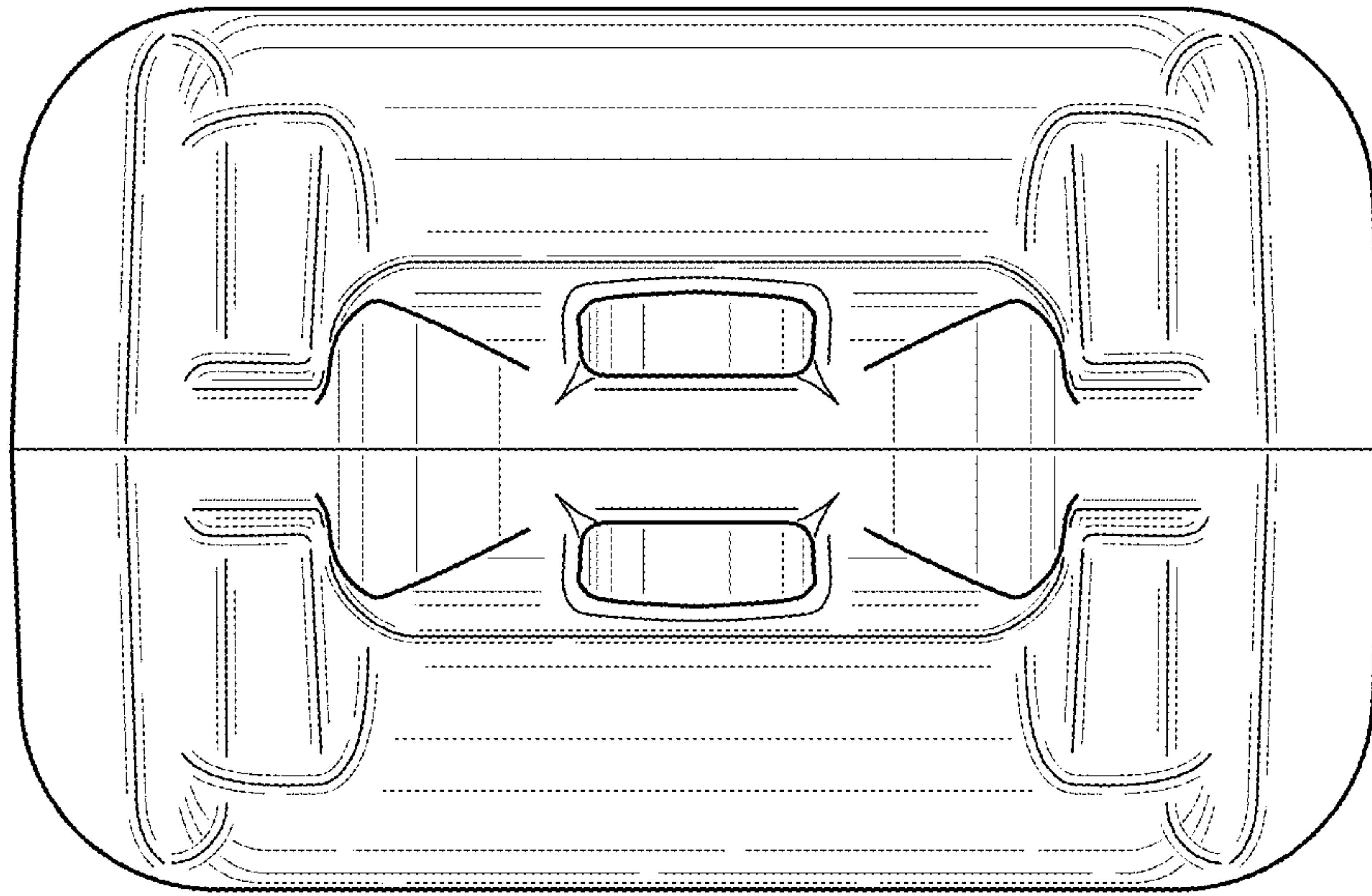


Fig. 4

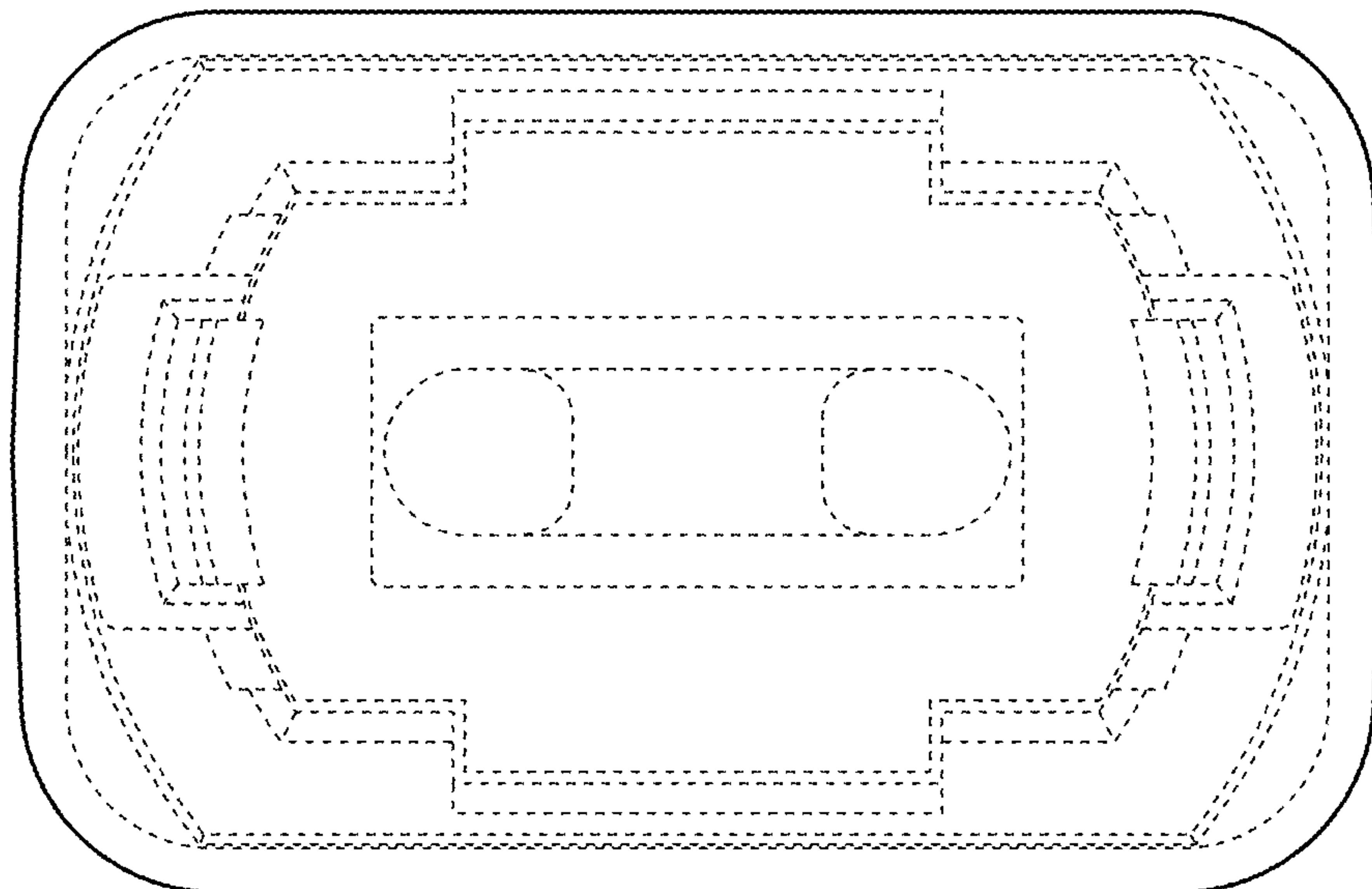


Fig. 5

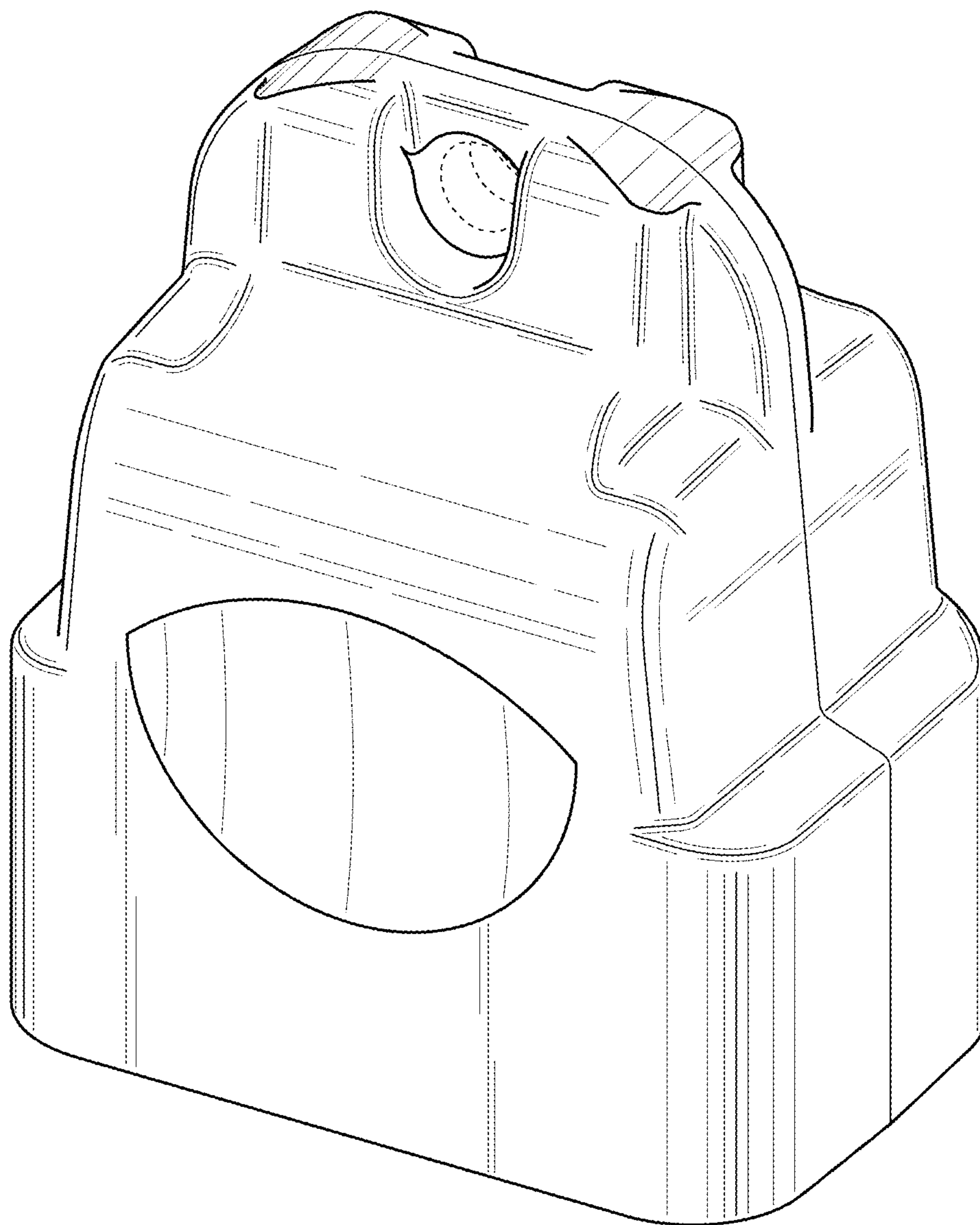


Fig. 6

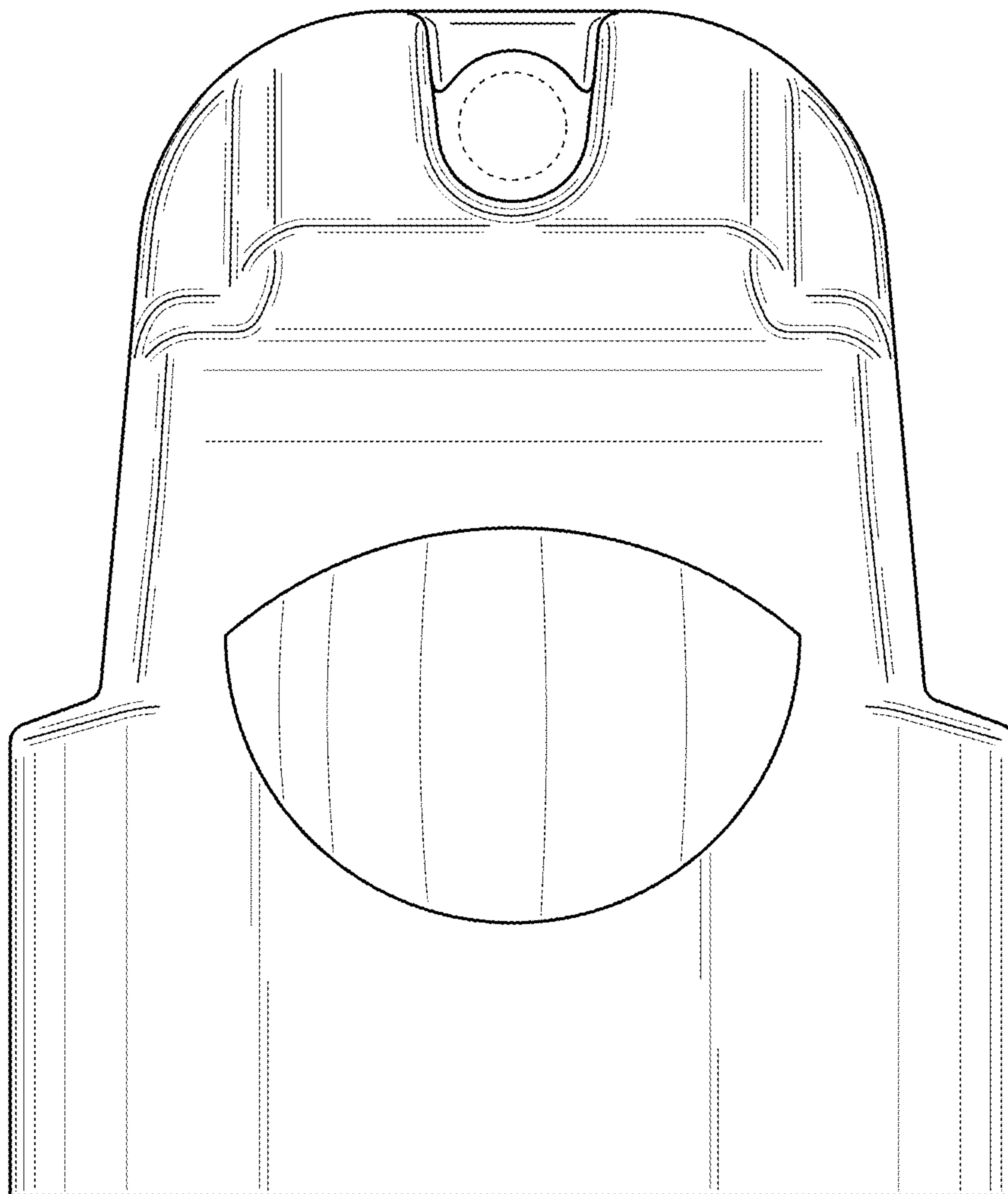


Fig. 7

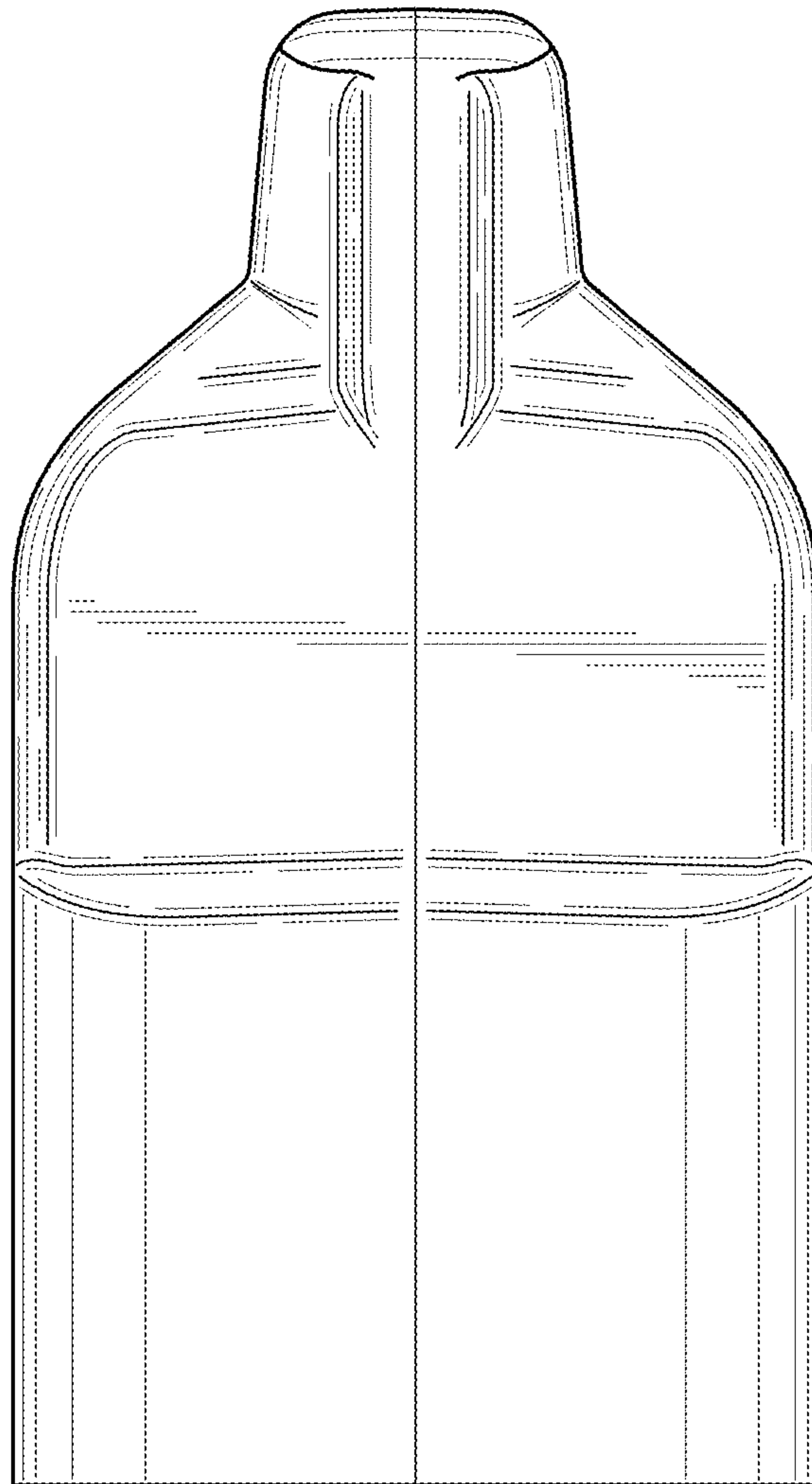


Fig. 8

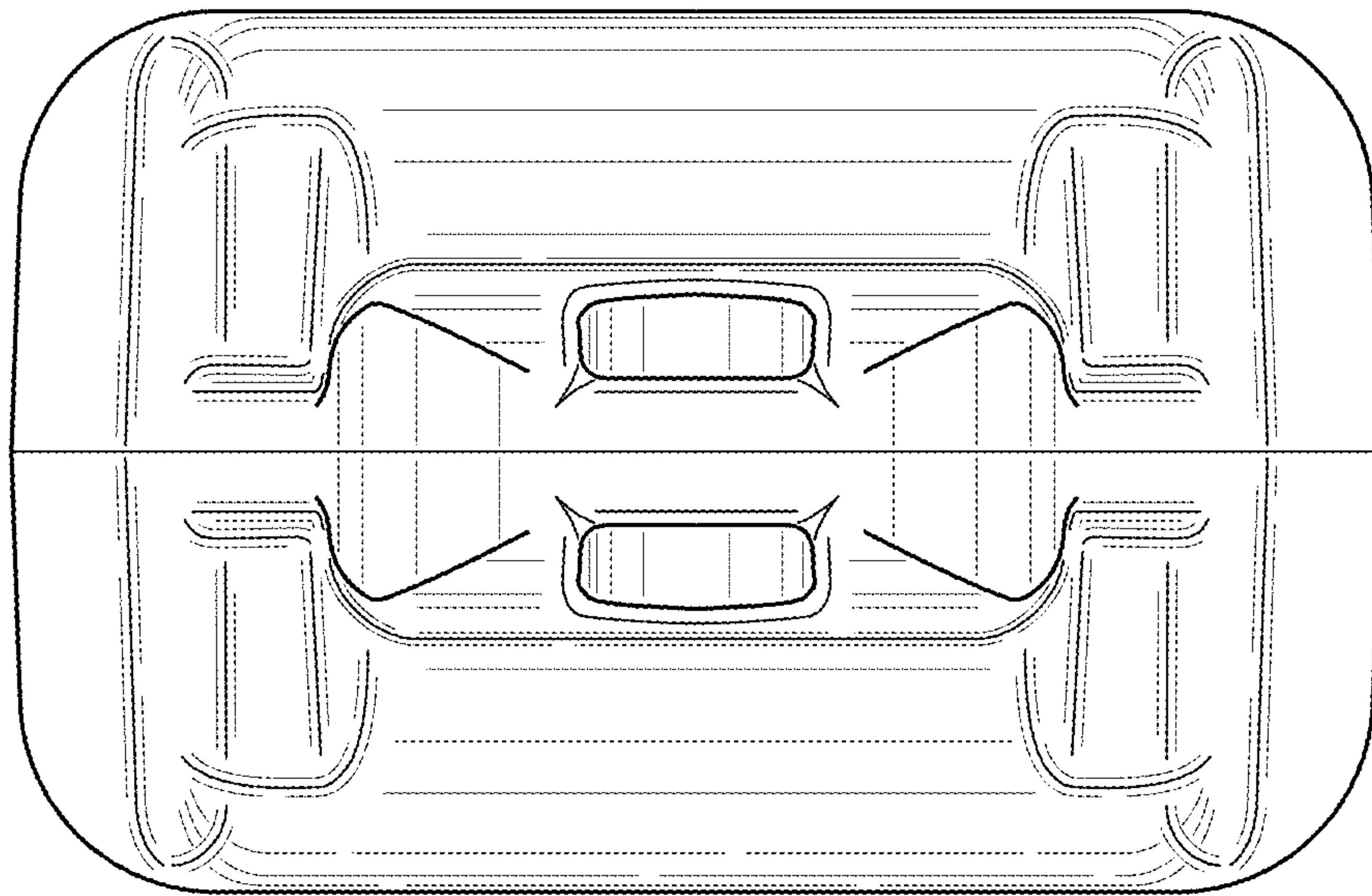


Fig. 9

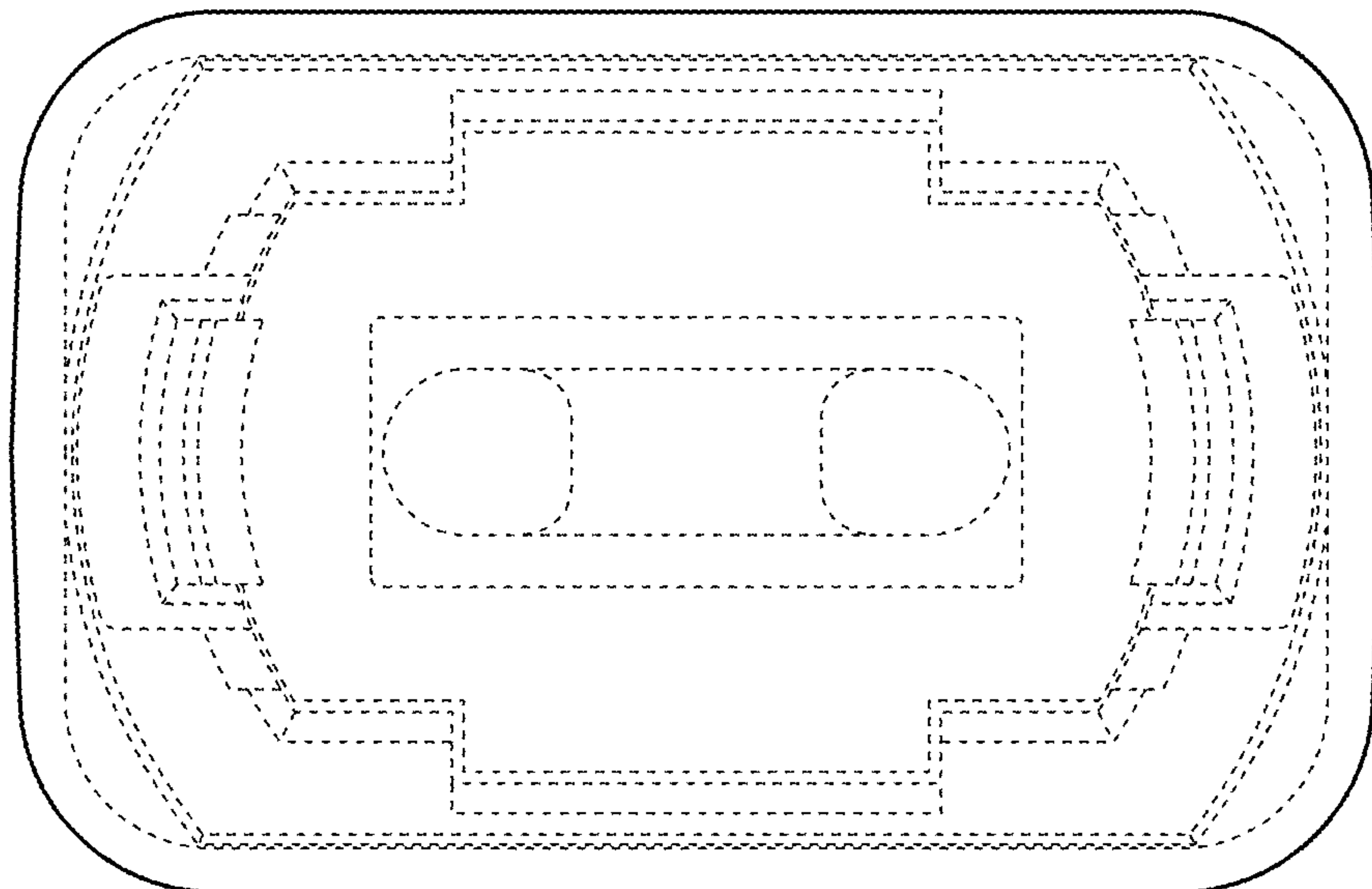


Fig. 10