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(12) **United States Design Patent**
Ishikawa et al.

(10) **Patent No.:** **US D762,253 S**
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(54) **FRICITION STIR WELDING TOOL**

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

Primary Examiner — Patricia Palasik

(21) Appl. No.: **29/411,890**

(74) *Attorney, Agent, or Firm* — Leydig, Voit & Mayer, Ltd.

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(30) **Foreign Application Priority Data**

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Jul. 29, 2011 (JP) D2011-017508

(57) **CLAIM**

The ornamental design for a friction stir welding tool, as shown and described.

(51) **LOC (10) Cl.** **15-09**

DESCRIPTION

(52) **U.S. Cl.**
USPC **D15/144**
CPC **H01T 13/12** (2013.01); **H01T 13/00** (2013.01)

FIG. 1 is a front view of a friction stir welding tool of the present invention.

FIG. 2 is a rear view of the friction stir welding tool of FIG. 1. FIG. 3 is a top plan view of the friction stir welding tool of FIG. 1.

(58) **Field of Classification Search**
USPC D15/126, 144, 144.1, 144.2
See application file for complete search history.

FIG. 4 is a bottom view of the friction stir welding tool of FIG. 1.

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FIG. 5 is a right side view of the friction stir welding tool of FIG. 1.

FIG. 6 is a left side view of the friction stir welding tool of FIG. 1.

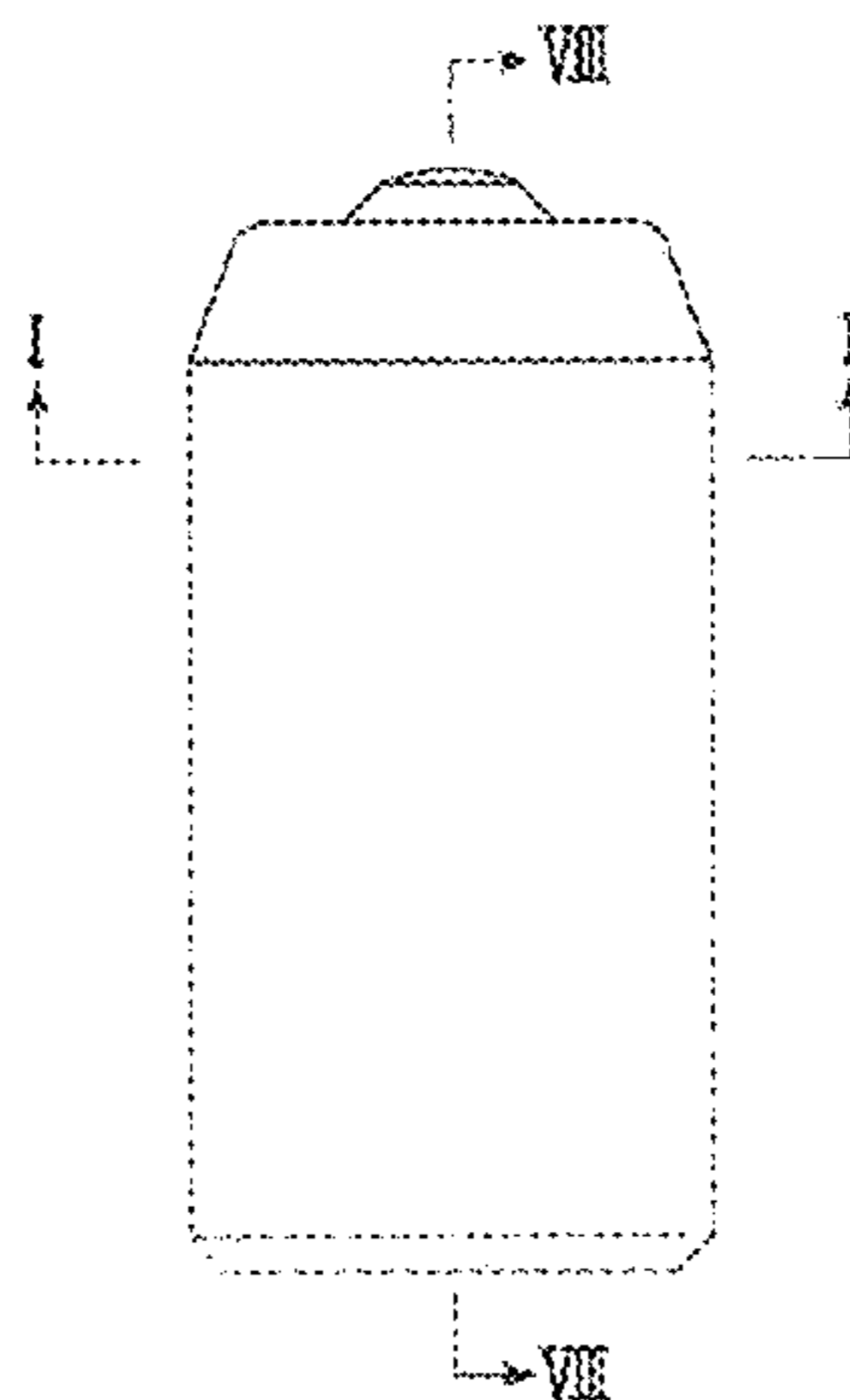
FIG. 7 is a perspective view of the friction stir welding tool of FIG. 1.

FIG. 8 is an enlarged VIII-VIII sectional view of the I-I portion of the friction stir welding tool of FIG. 1; and, FIG. 9 is a reference enlarged view of the II-II portion of the friction stir welding tool of FIG. 7.

The features shown in broken lines depict environmental subject matter only and form no part of the claimed design.

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1 Claim, 9 Drawing Sheets



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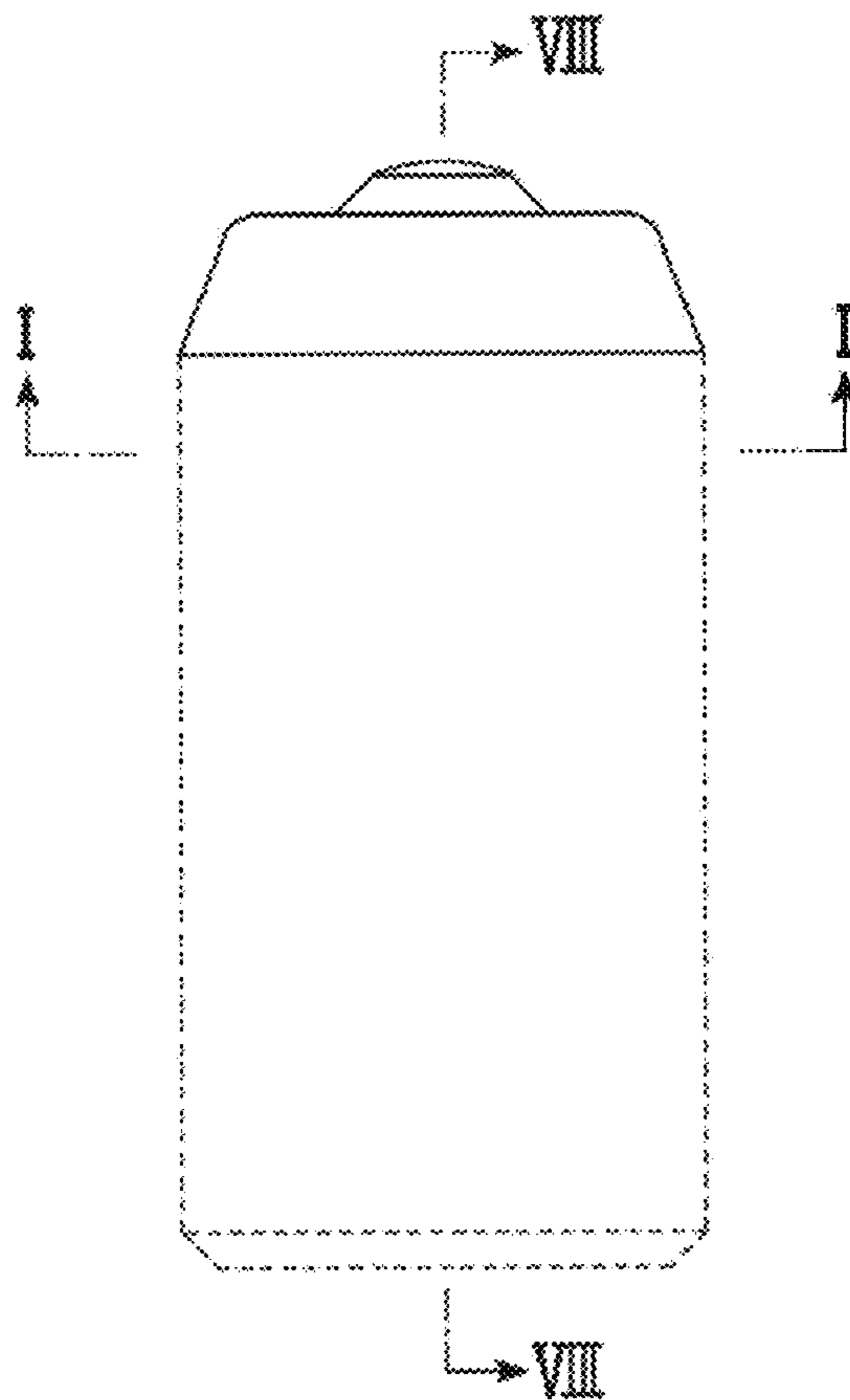


FIG. 1

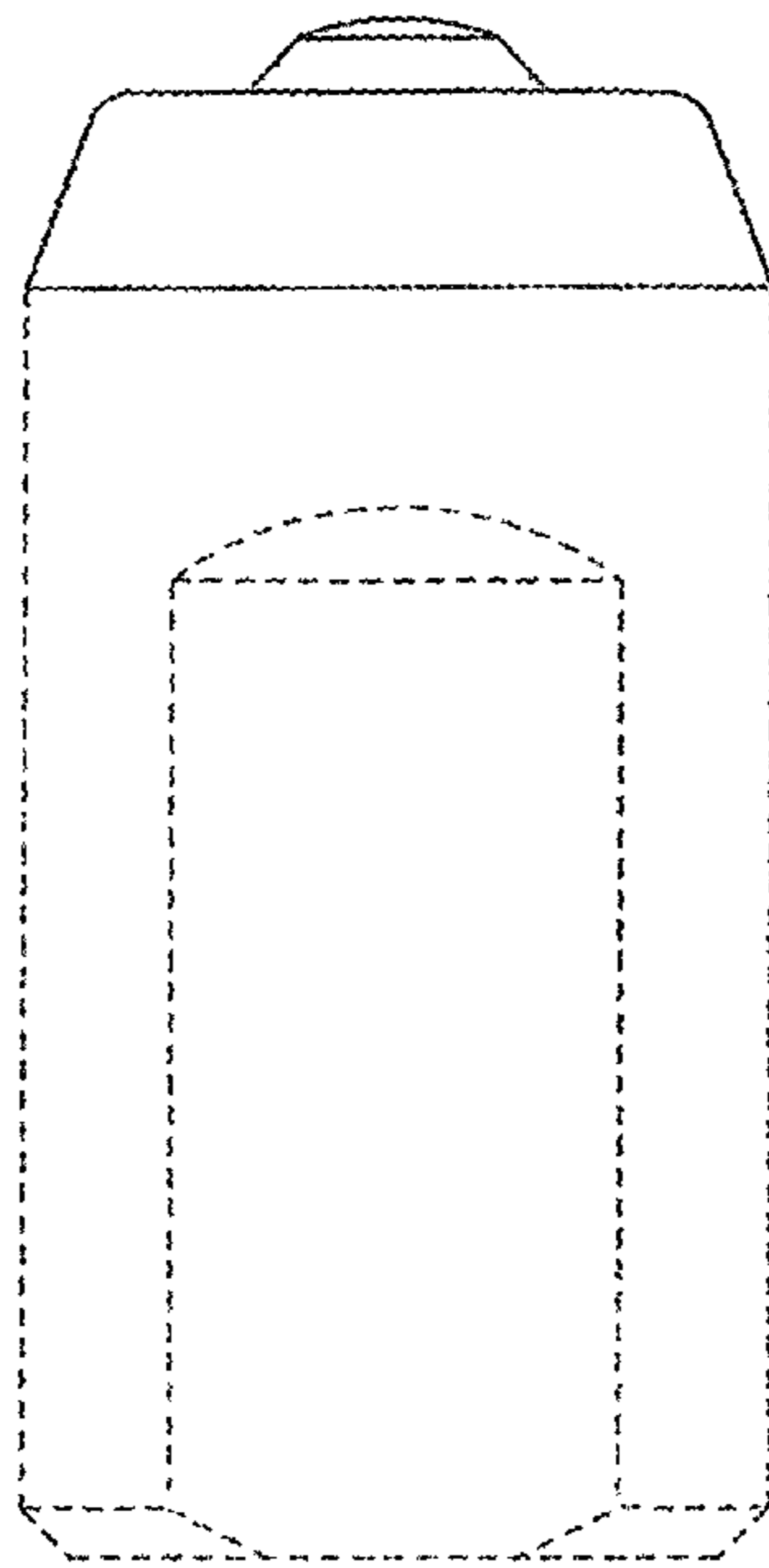


FIGURE 2

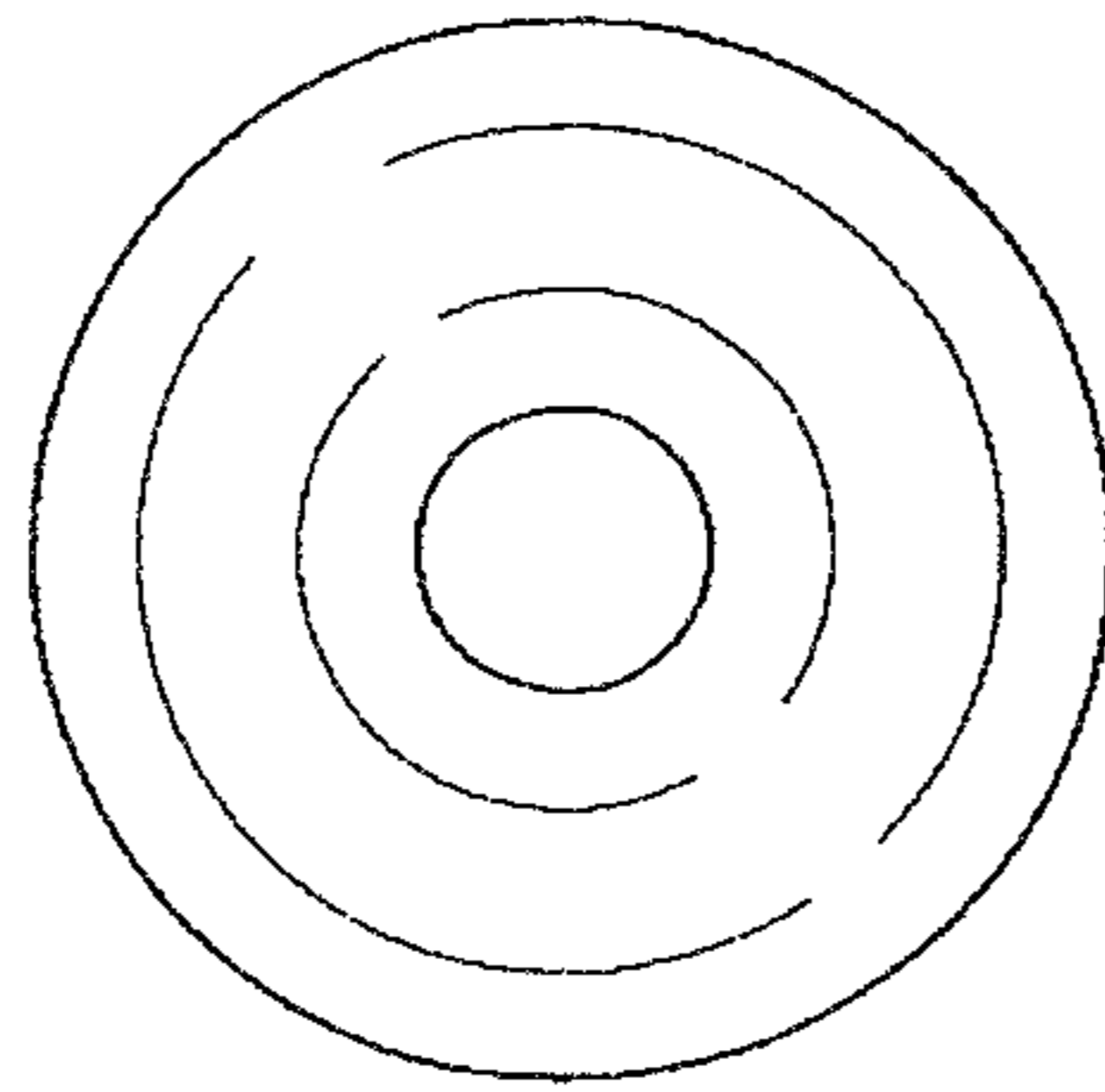


FIGURE 3

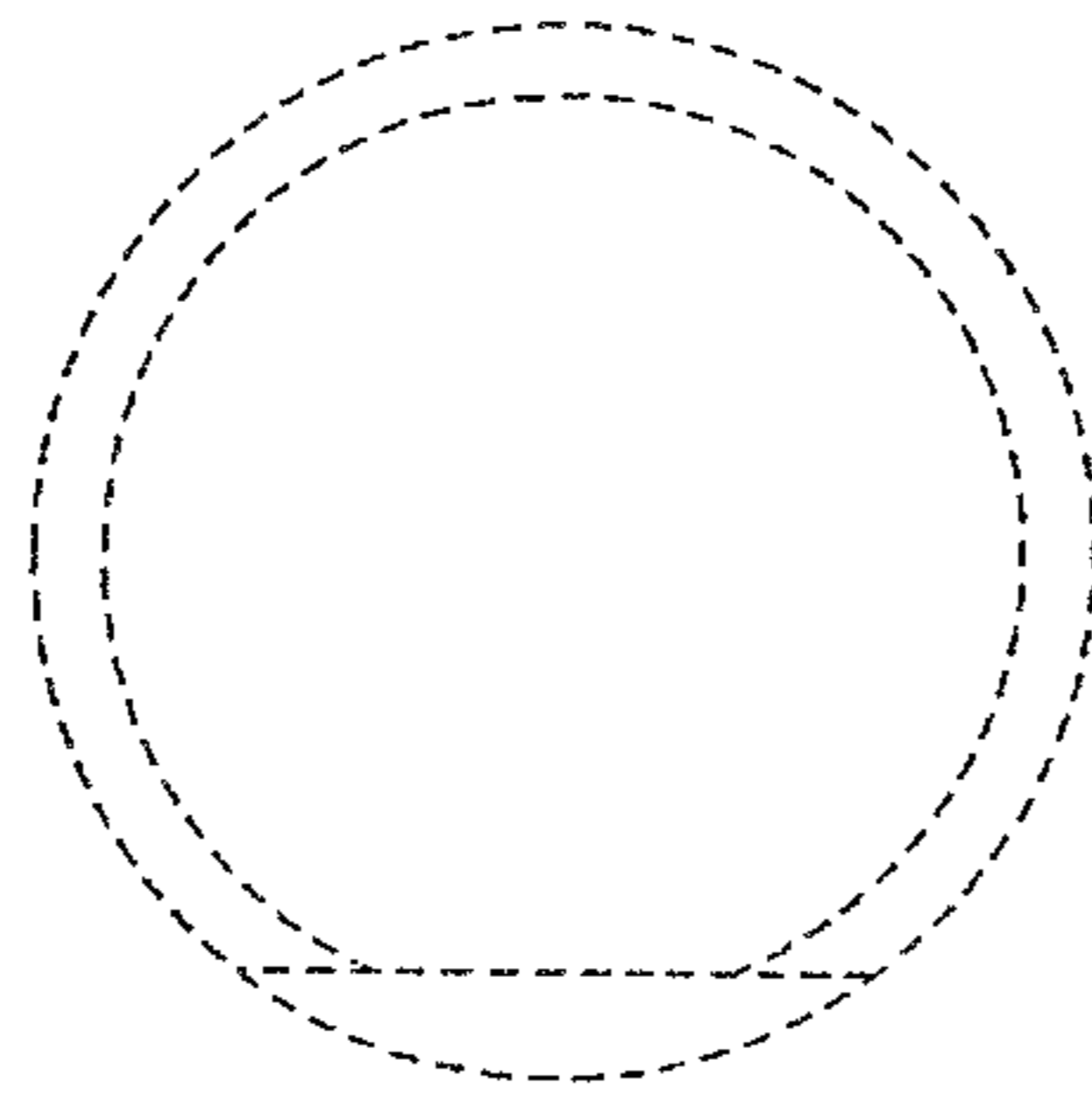


FIGURE 4

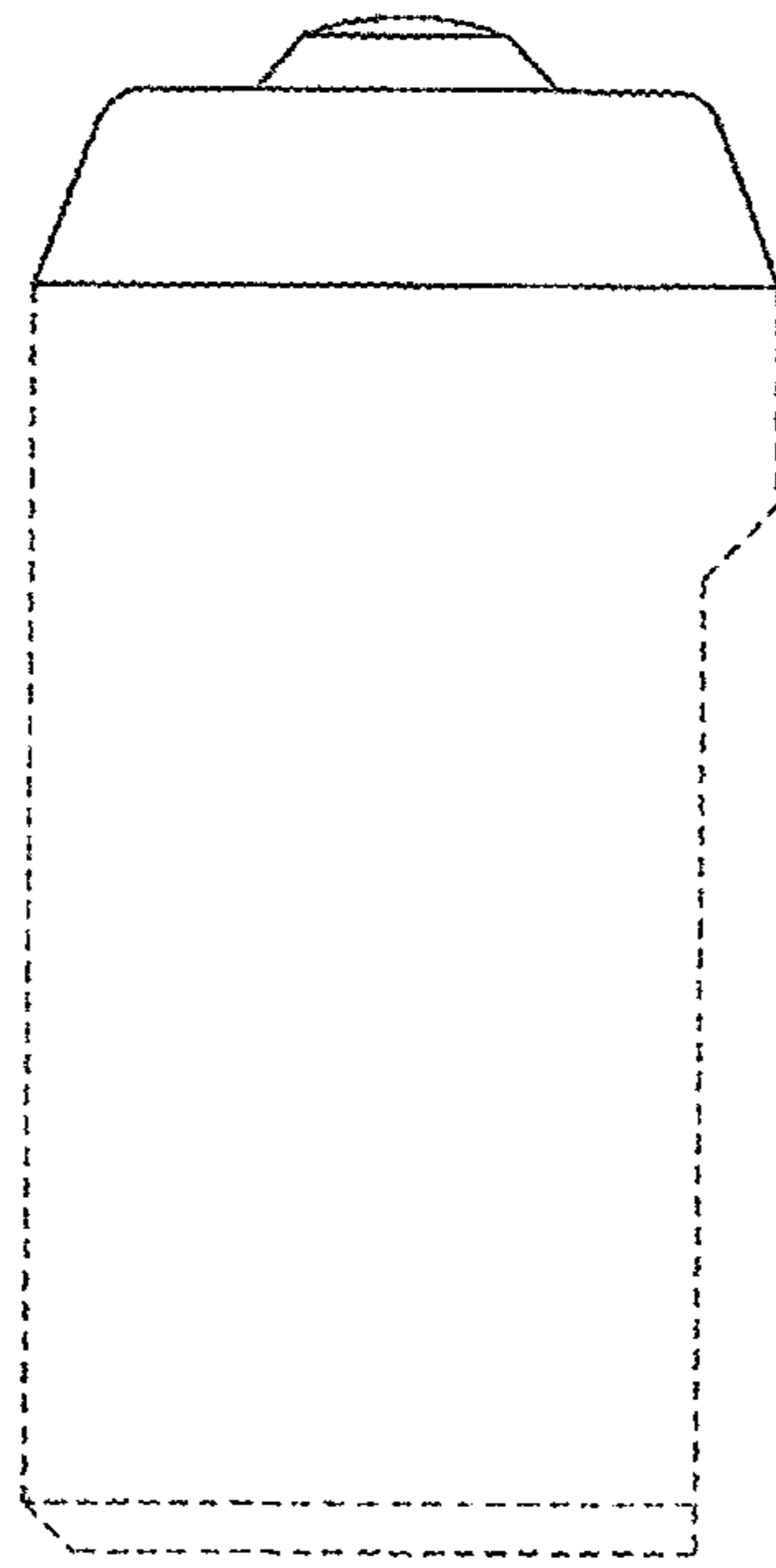


FIGURE 5

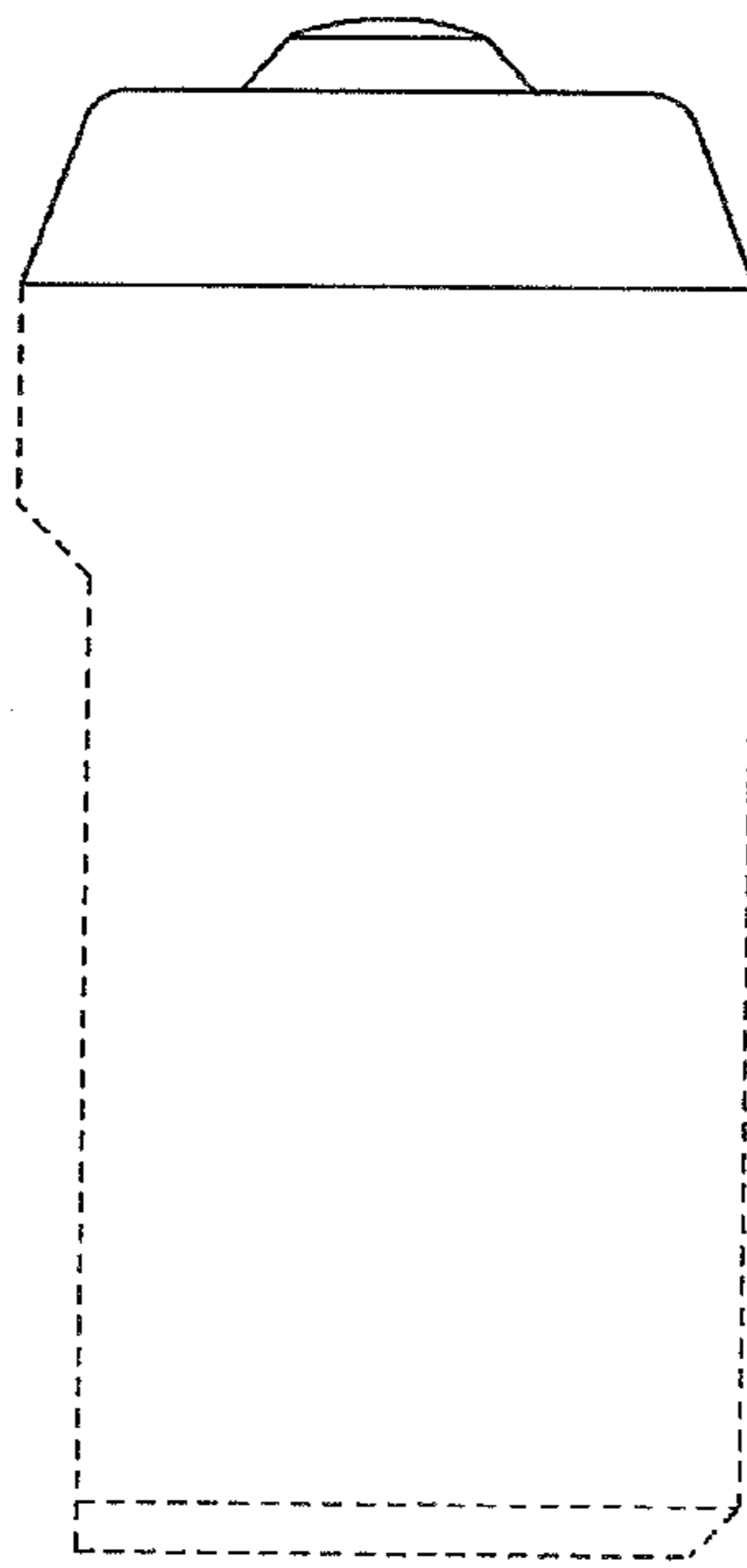


FIGURE 6

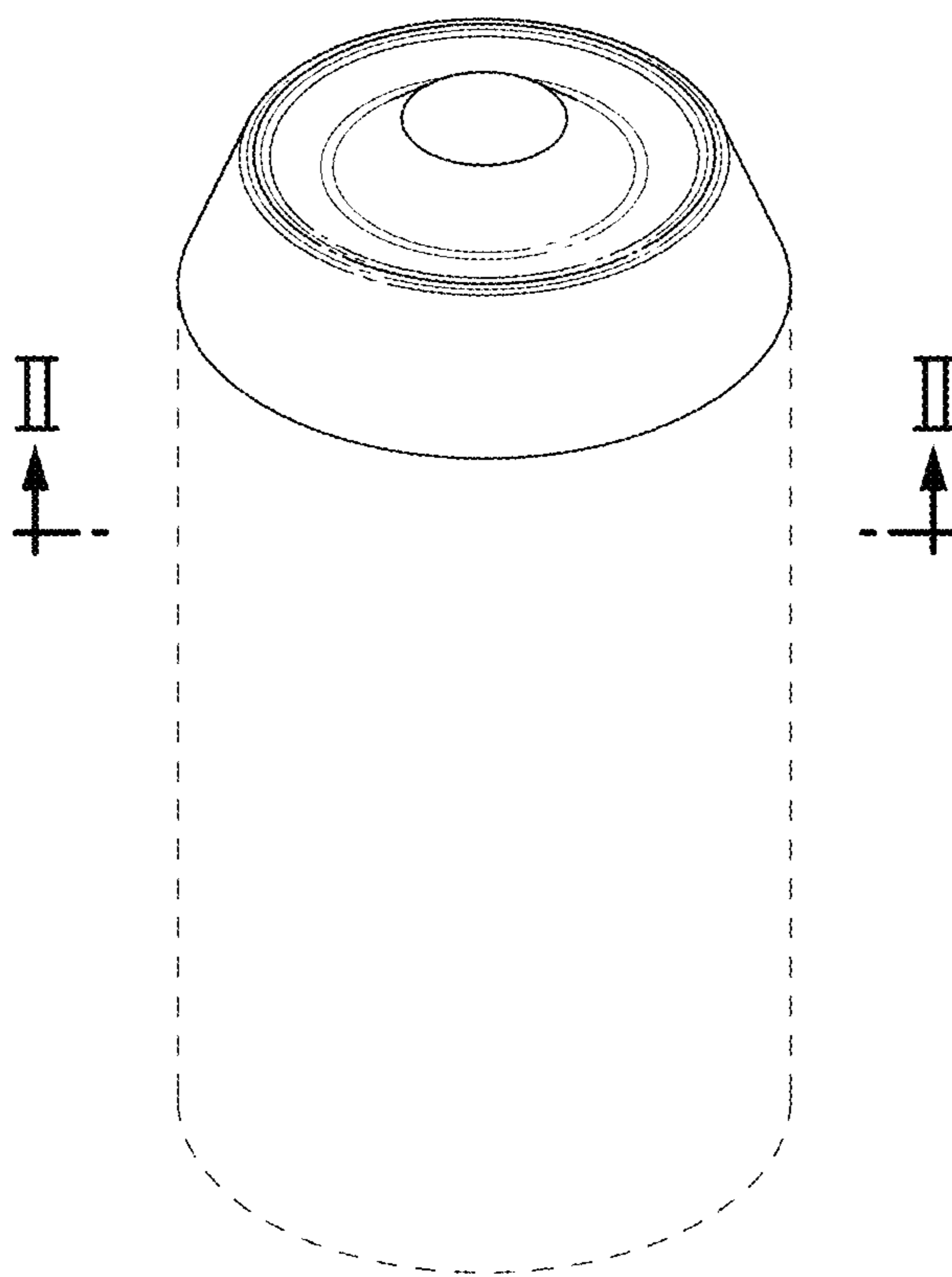


FIG. 7

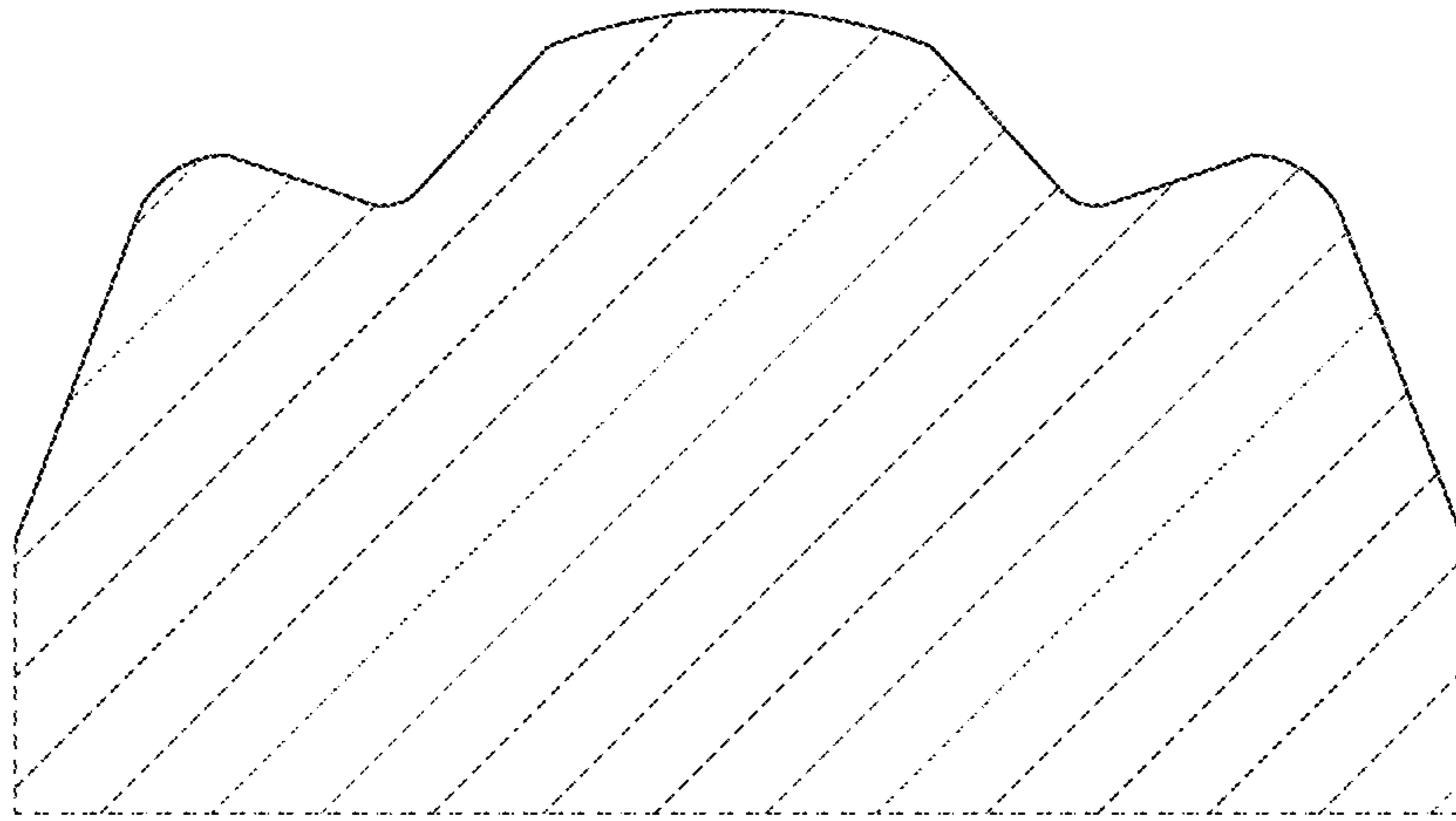


FIG. 8

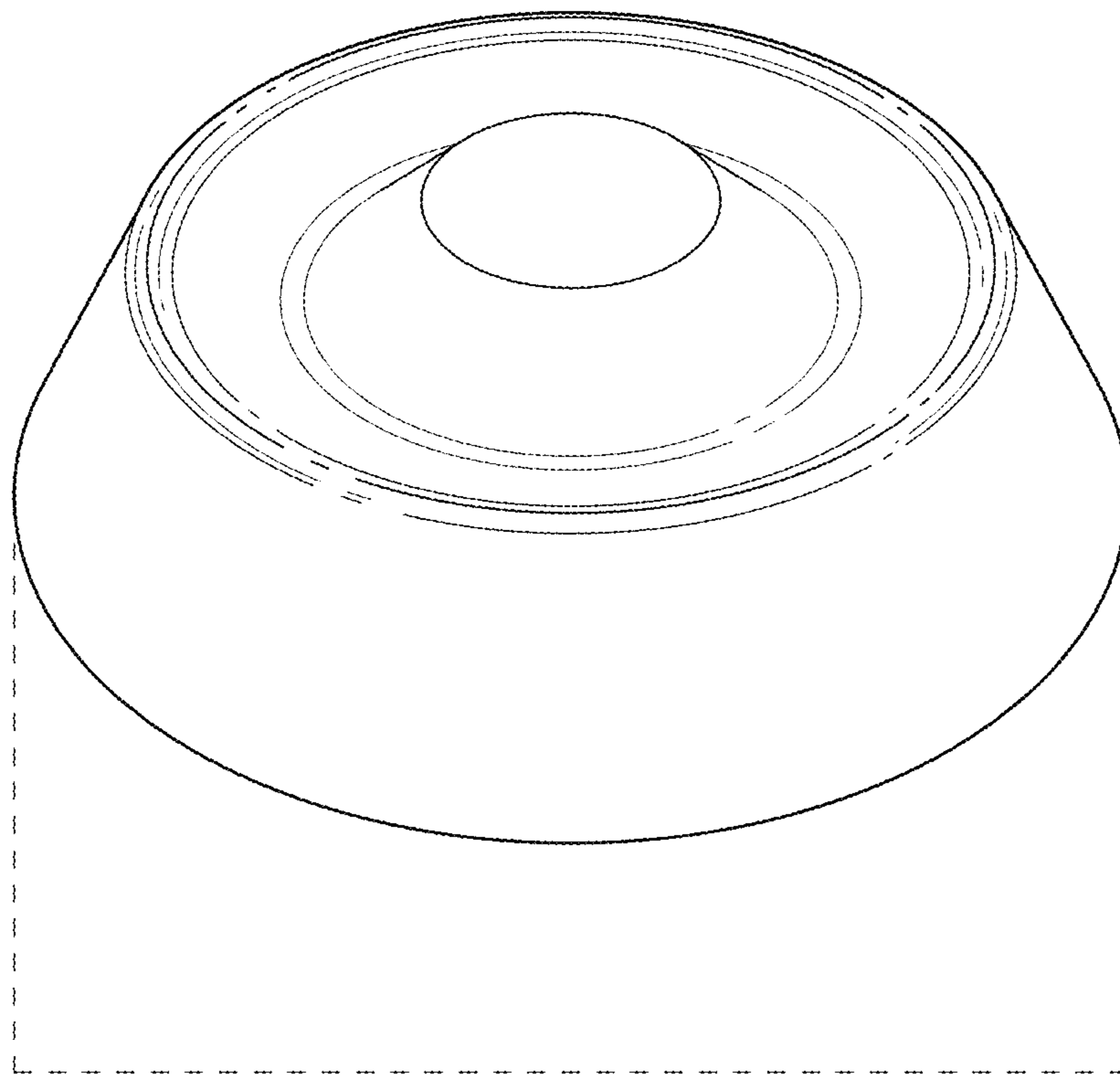


FIG. 9