



US00D466685S

(12) **United States Design Patent** (10) **Patent No.:** **US D466,685 S**
Gref (45) **Date of Patent:** **** Dec. 10, 2002**

- (54) **METAL CASING AND UMBRELLA**
- (75) Inventor: **Hans-Jorg Gref**, Regensburg (DE)
- (73) Assignee: **Josef Gref GmbH & Co.** (DE)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/144,409**
- (22) Filed: **Jul. 3, 2001**

Primary Examiner—Catherine R. Oliver
(74) *Attorney, Agent, or Firm*—Hoffman, Wasson & Gitler PC

(57) **CLAIM**

The ornamental design for a metal casing and umbrella, as shown, and described.

DESCRIPTION

Related U.S. Application Data

- (63) Continuation-in-part of application No. 29/112,214, filed on Oct. 14, 1999, now abandoned.
- (51) **LOC (7) Cl.** **03-01**
- (52) **U.S. Cl.** **D3/11**
- (58) **Field of Search** D3/5-17, 265;
224/904, 913, 915

FIG. 1 is a front elevation view of the metal casing and umbrella showing my new design, with the closure in an open position;
 FIG. 2 is a rear elevation view thereof;
 FIG. 3 is a front elevation view with the closure in a closed position;
 FIG. 4 is a rear elevation view thereof;
 FIG. 5 is a side elevation view with the closure in an open position;
 FIG. 6 is an opposite side elevation view thereof;
 FIG. 7 is side elevation view with the closure in a closed position;
 FIG. 8 is an opposite side elevation view with the closure in a closed position;
 FIG. 9 is a top plan view with the closure in closed position;
 FIG. 10 is a bottom plan view with the closure in a closed position.
 FIG. 11 is a side view according to FIG. 1 together with the umbrella received in the casing;
 FIG. 12 is an exploded view of the metal casing and umbrella; and,
 FIG. 13 is a top view of the umbrella.

(56) **References Cited**

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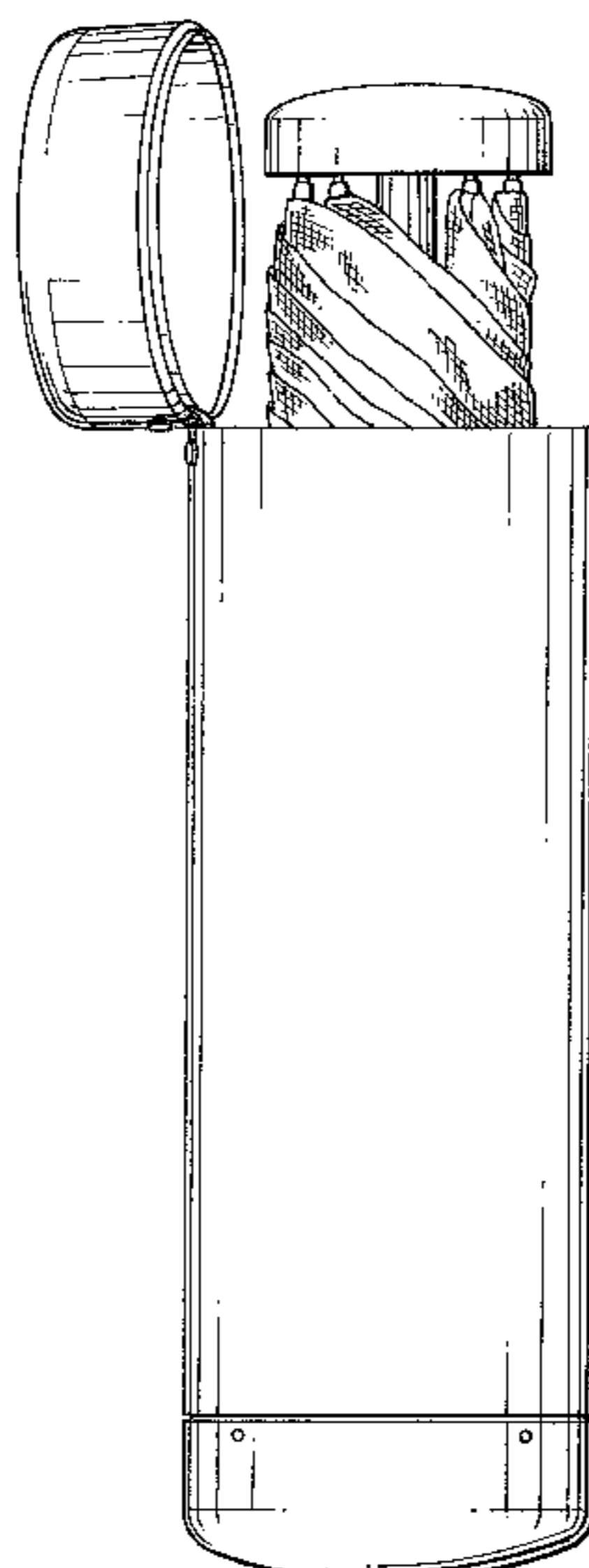
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1 Claim, 12 Drawing Sheets



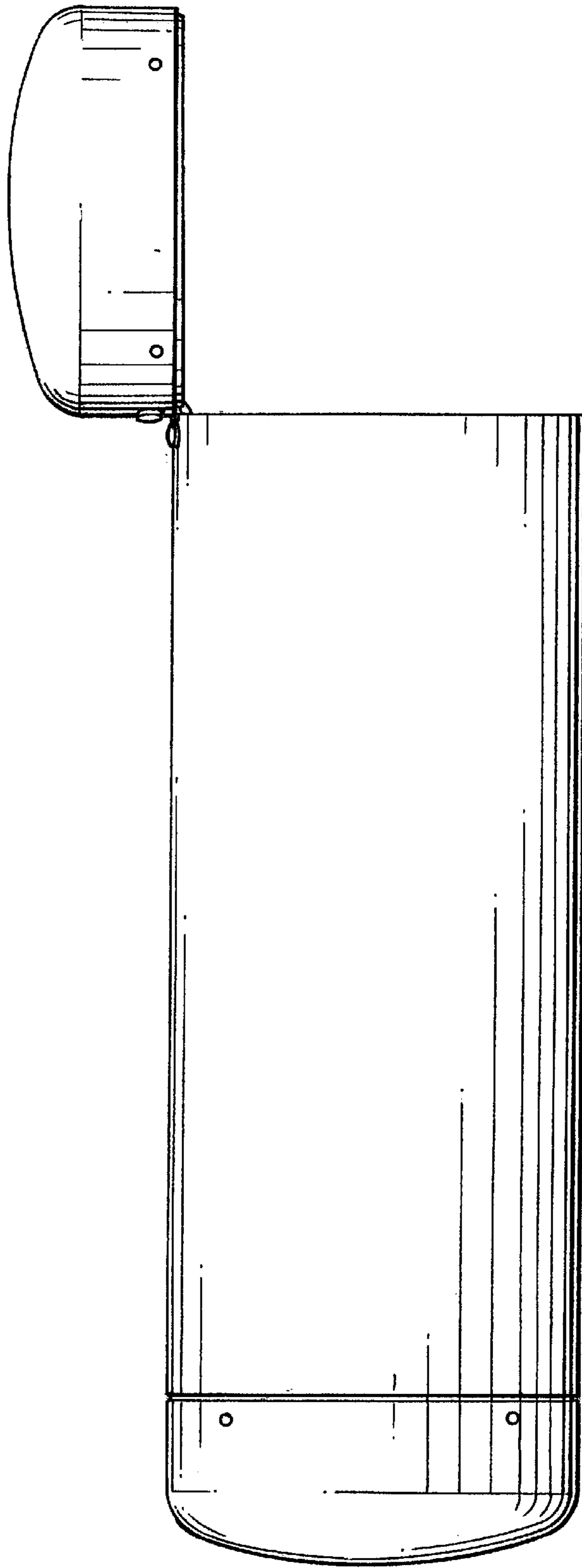


FIG. 1



FIG. 2

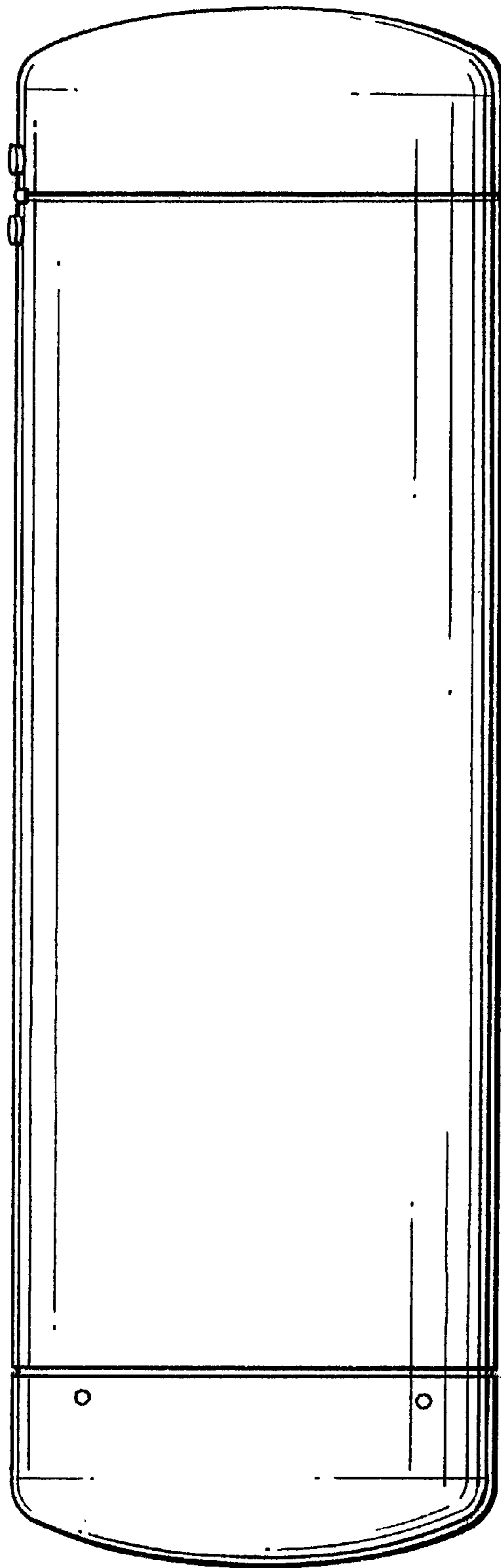


FIG. 3

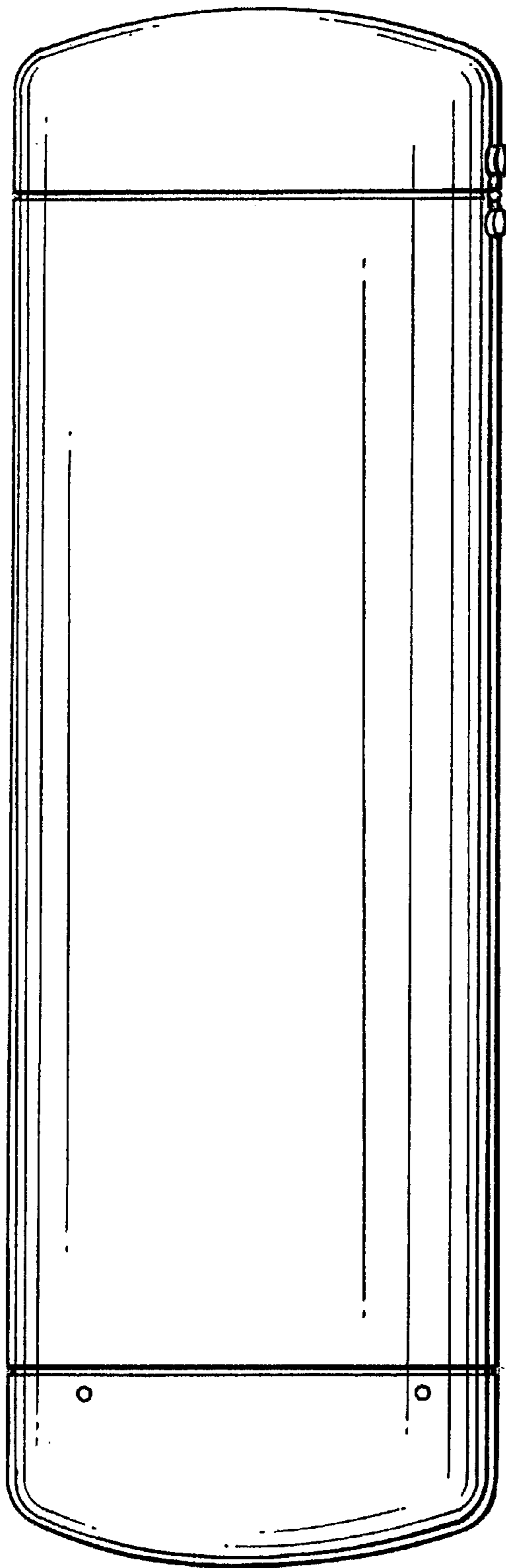


FIG. 4

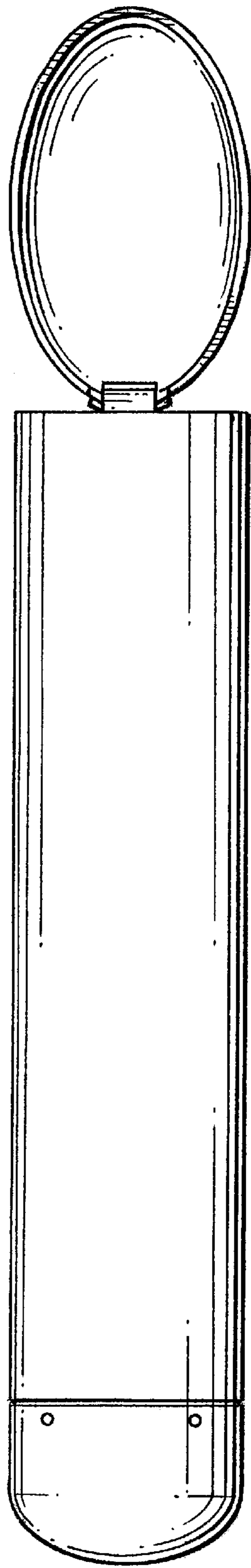


FIG. 5

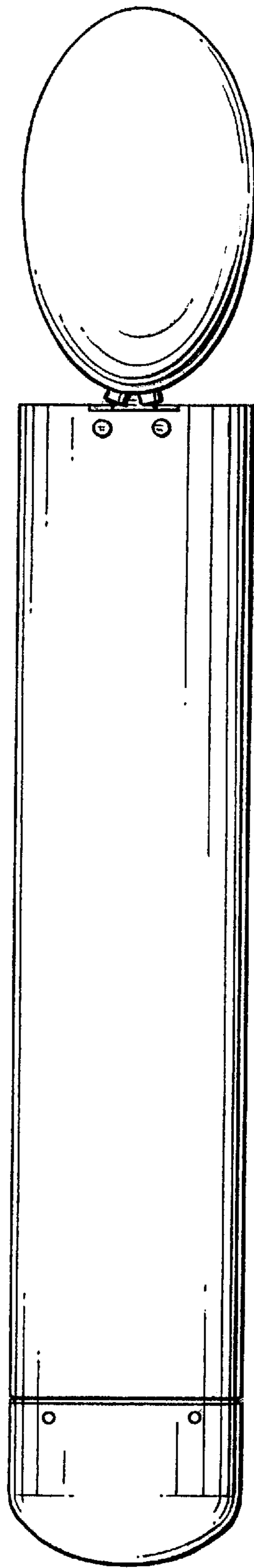


FIG. 6

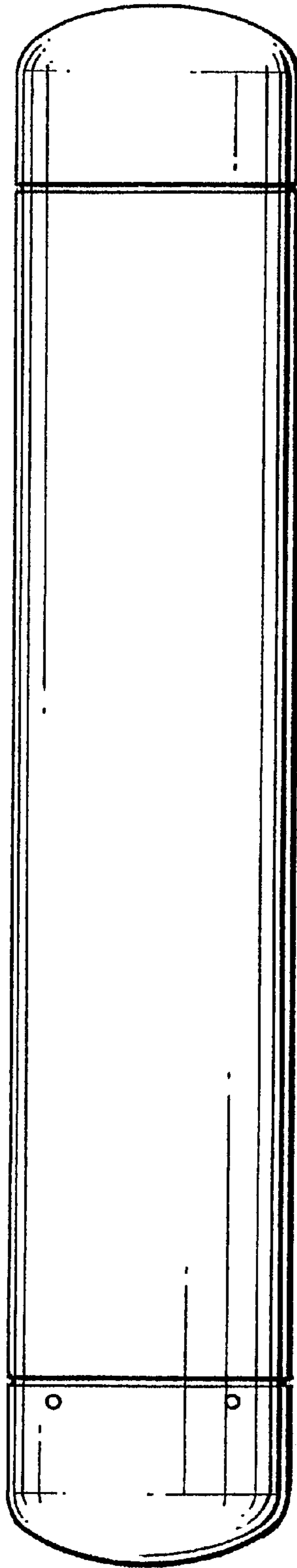


FIG. 7

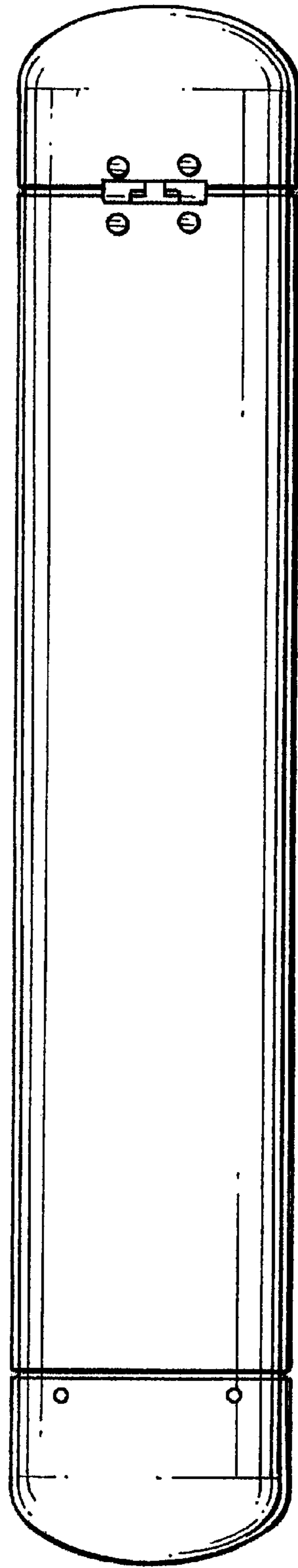


FIG. 8

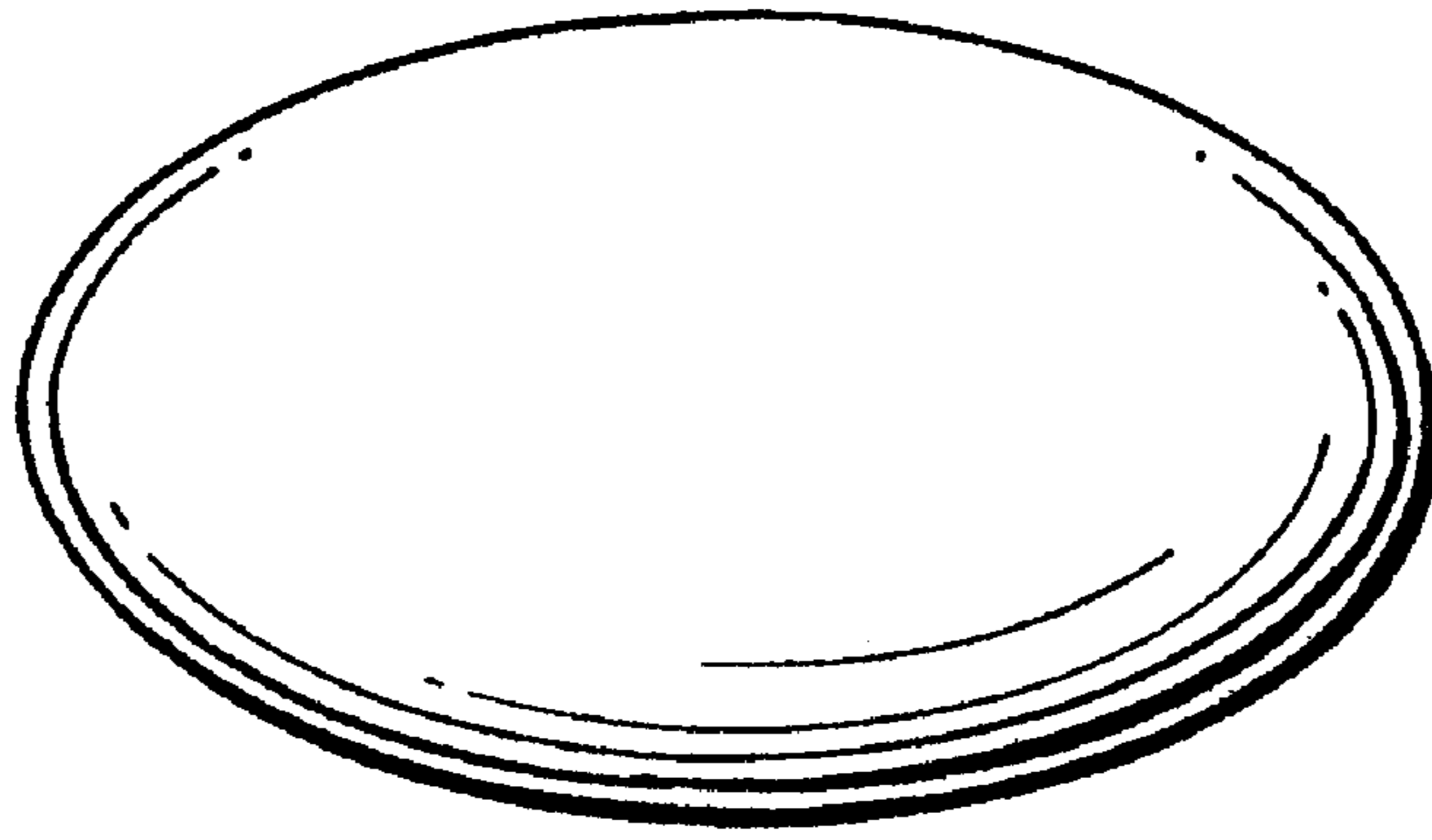


FIG. 9

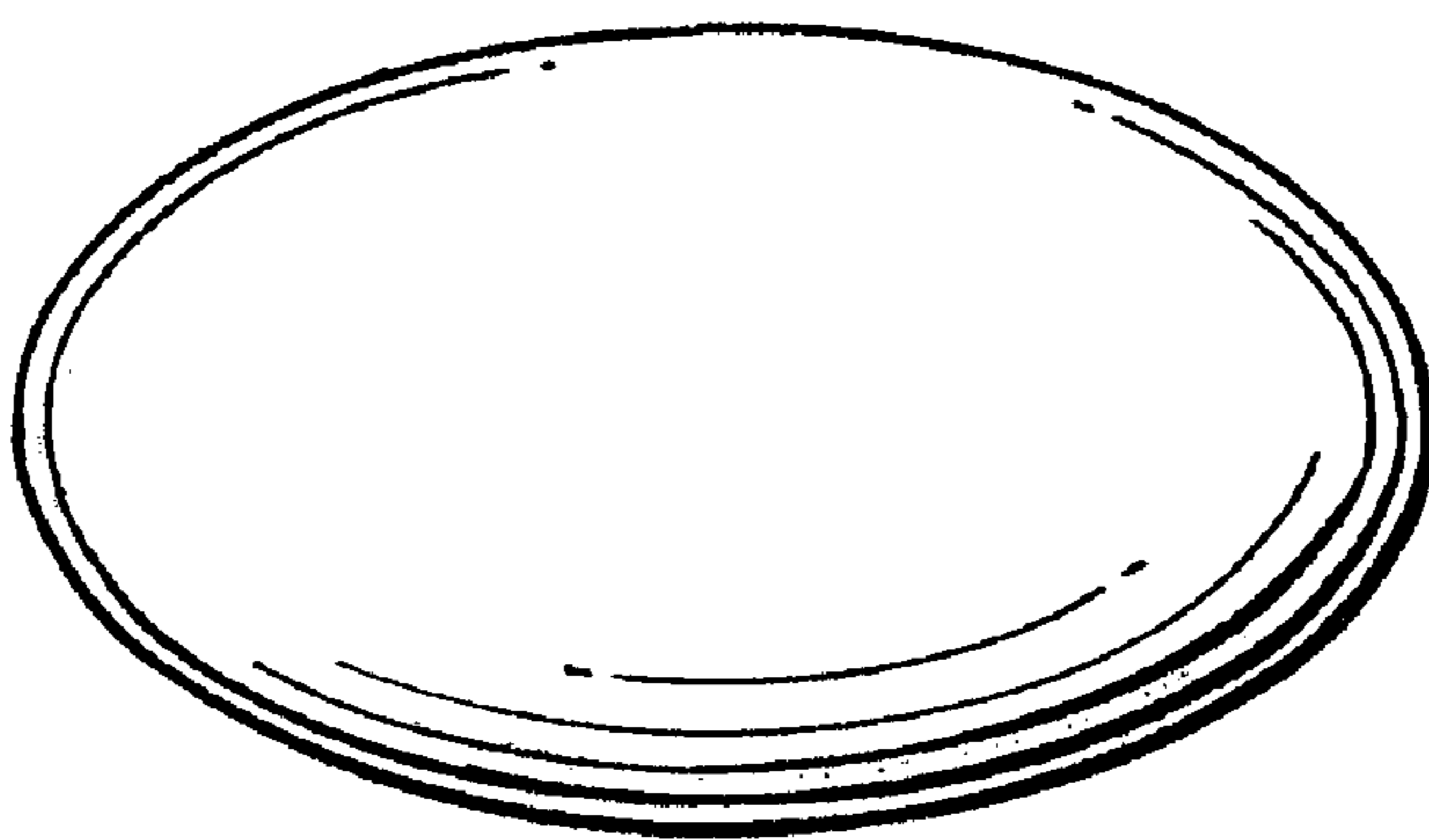


FIG. 10

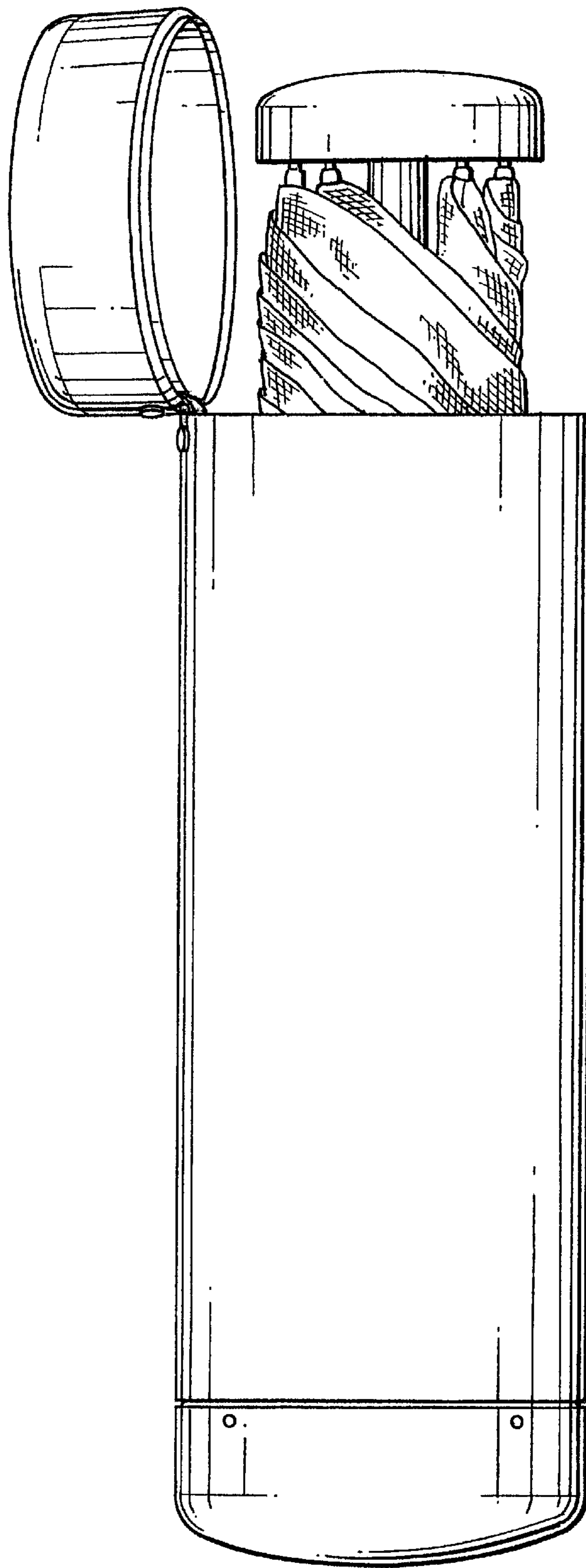


FIG. 11

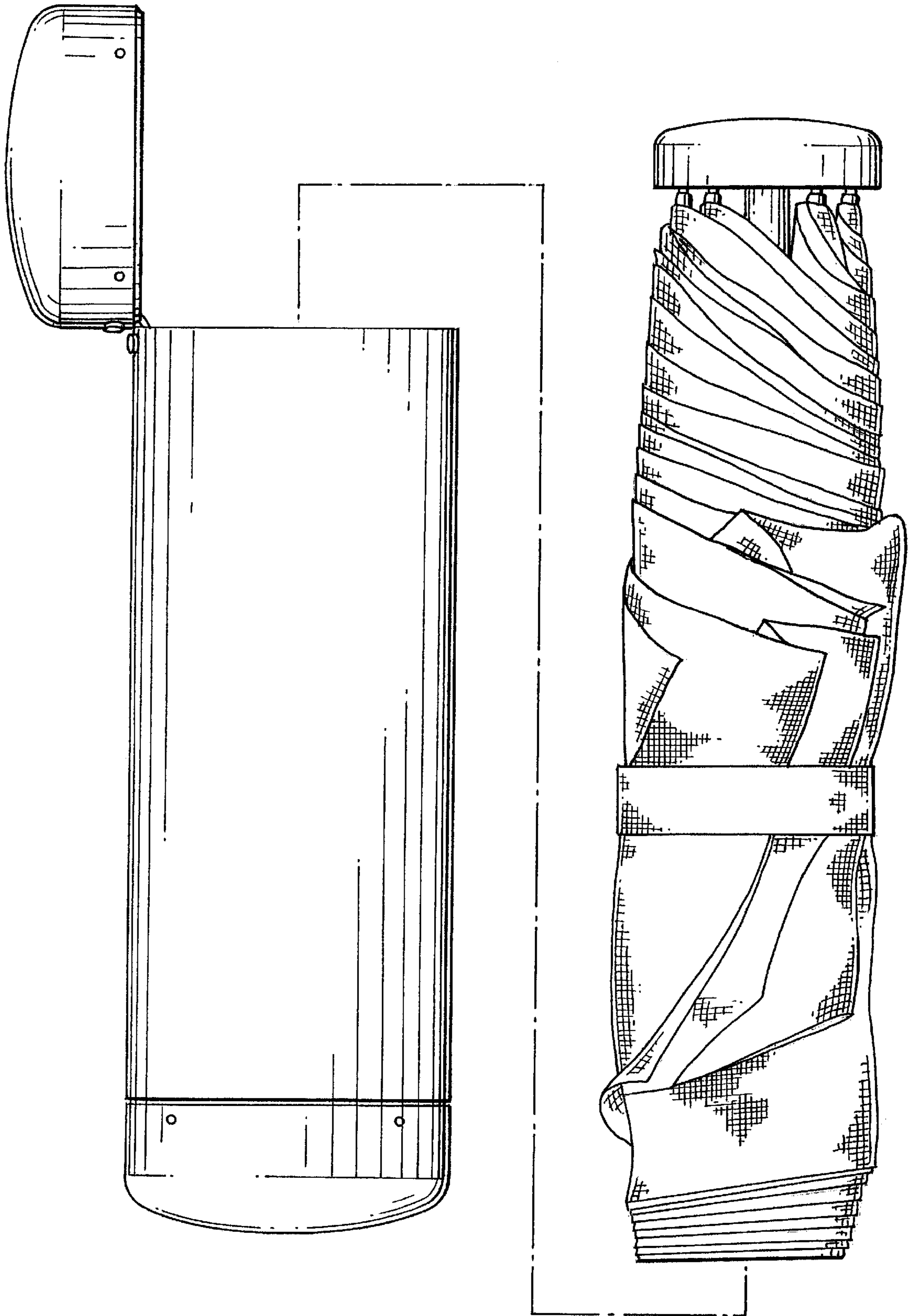


FIG. 12

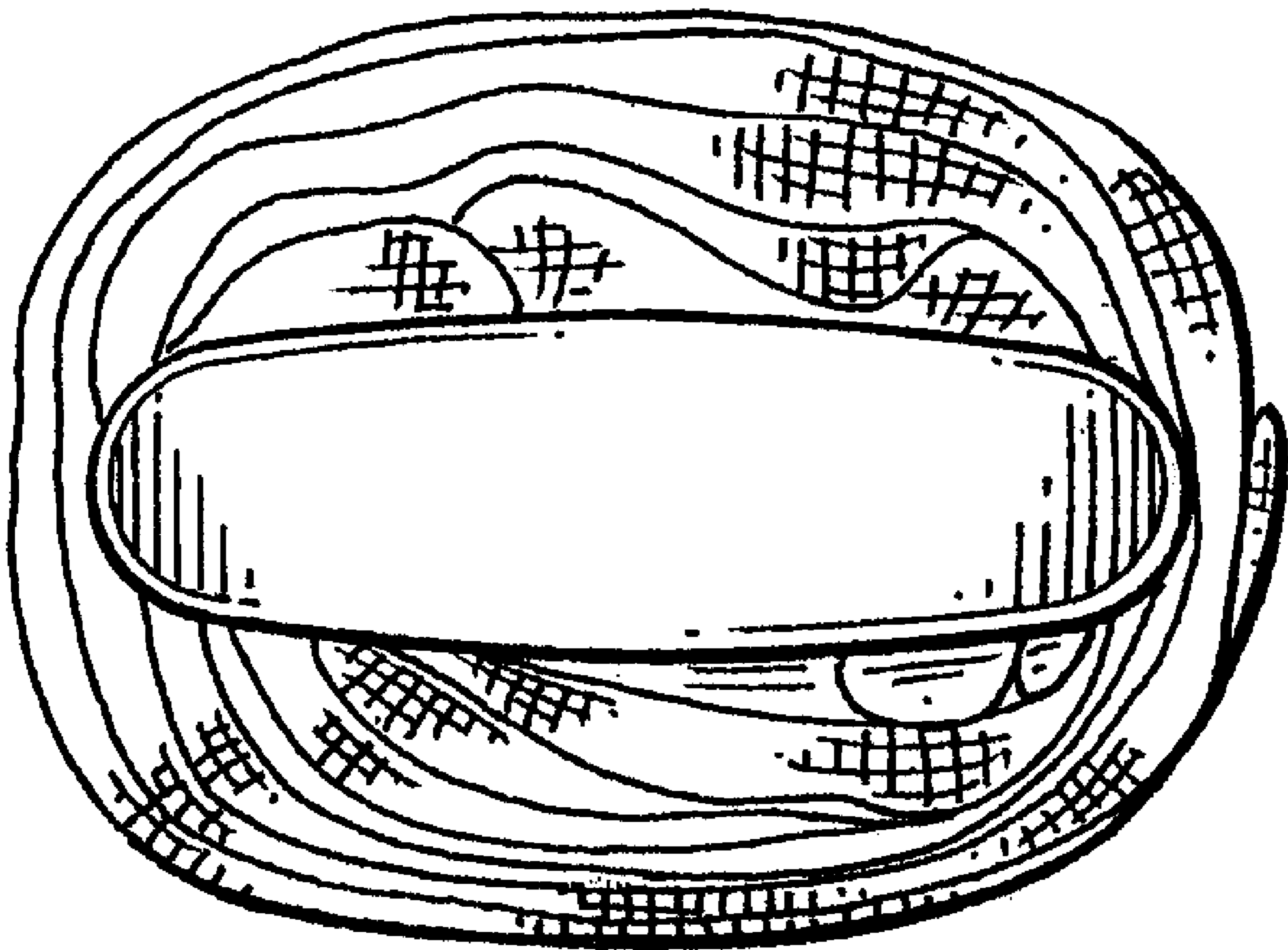


FIG. 13