

US00D982046S

(12)

United States Design Patent

Fang et al.

(10)

Patent No.:

US D982,046 S

(45)

Date of Patent:

** Mar. 28, 2023

(54) DRILL BIT

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(**) Term: 15 Years

(21) Appl. No.: 29/794,897

(22) Filed: Jun. 15, 2021

(30) Foreign Application Priority Data

Oct. 16, 2020 (CN) 202030617250.6

(51) LOC (14) Cl. 15-09

(52) U.S. Cl.

USPC D15/139

(58) Field of Classification Search

USPC D15/132, 138, 139; D18/17, 18, 19; D8/86

CPC E21B 10/26; E21B 10/46; E21B 10/66; E21B 7/20

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D264,217 S * 5/1982 Prause D15/138

D353,392 S * 12/1994 Winston D19/65

D474,213 S * 5/2003 Brockett D15/139

D502,952 S * 3/2005 Achilles D15/139

D587,732 S * 3/2009 Morozov D15/139

D857,067 S * 8/2019 Hayakawa D15/139

D908,753 S * 1/2021 Dunaway D15/139

D911,399 S * 2/2021 Atkins D15/139

D924,949 S * 7/2021 Mortensen D15/138

2020/0087758 A1 * 3/2020 Zhao E21B 10/5676

2022/0017798 A1 * 1/2022 Haijiang C09K 3/14

* cited by examiner

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(57)

CLAIM

The ornamental design for a drill bit, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a drill bit showing our new design;

FIG. 2 is a front view of FIG. 1;

FIG. 3 is a rear view of FIG. 1;

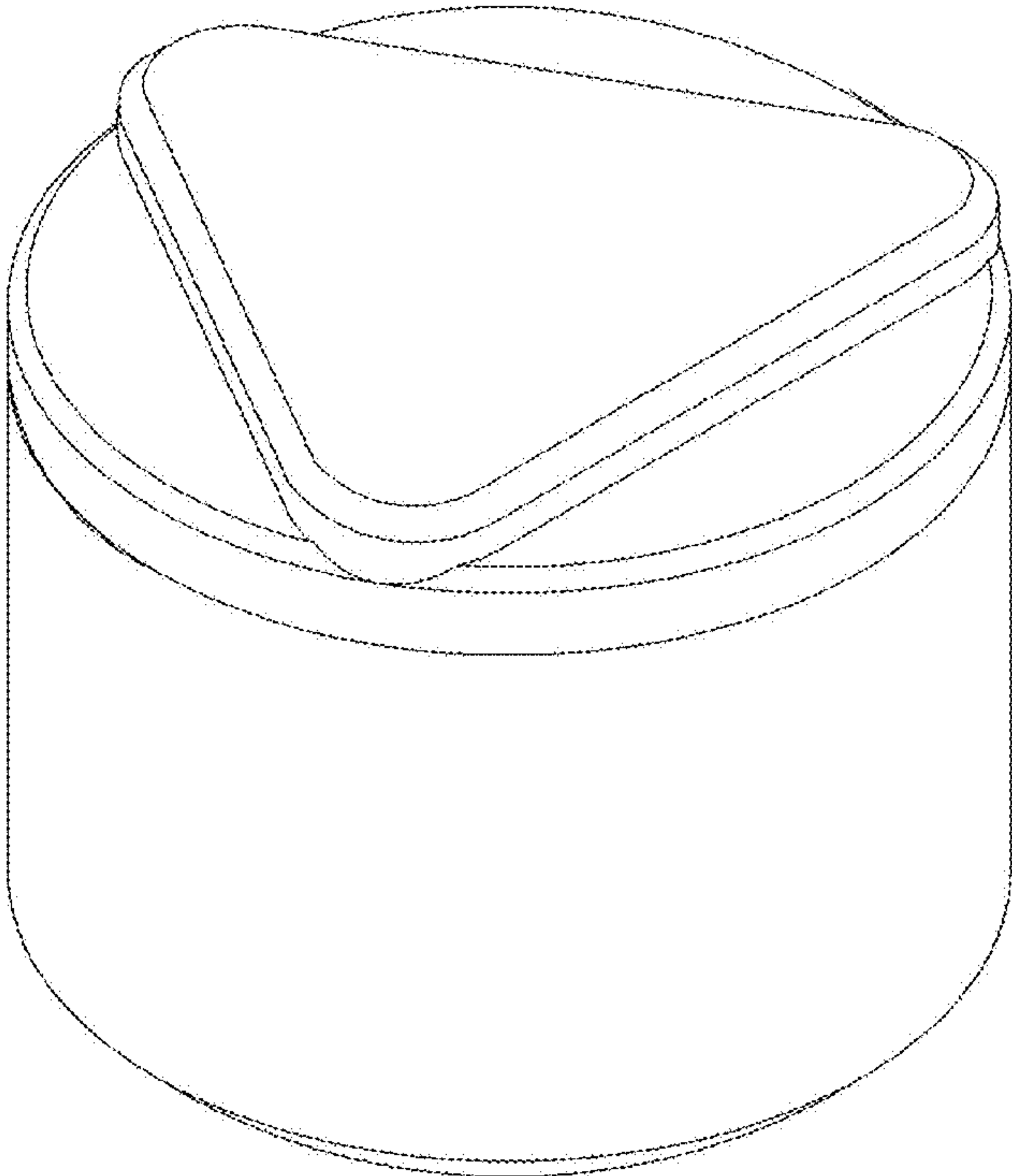
FIG. 4 is a left side view of FIG. 1;

FIG. 5 is a right side view of FIG. 1;

FIG. 6 is a top view of FIG. 1; and,

FIG. 7 is a bottom view of FIG. 1.

1 Claim, 7 Drawing Sheets



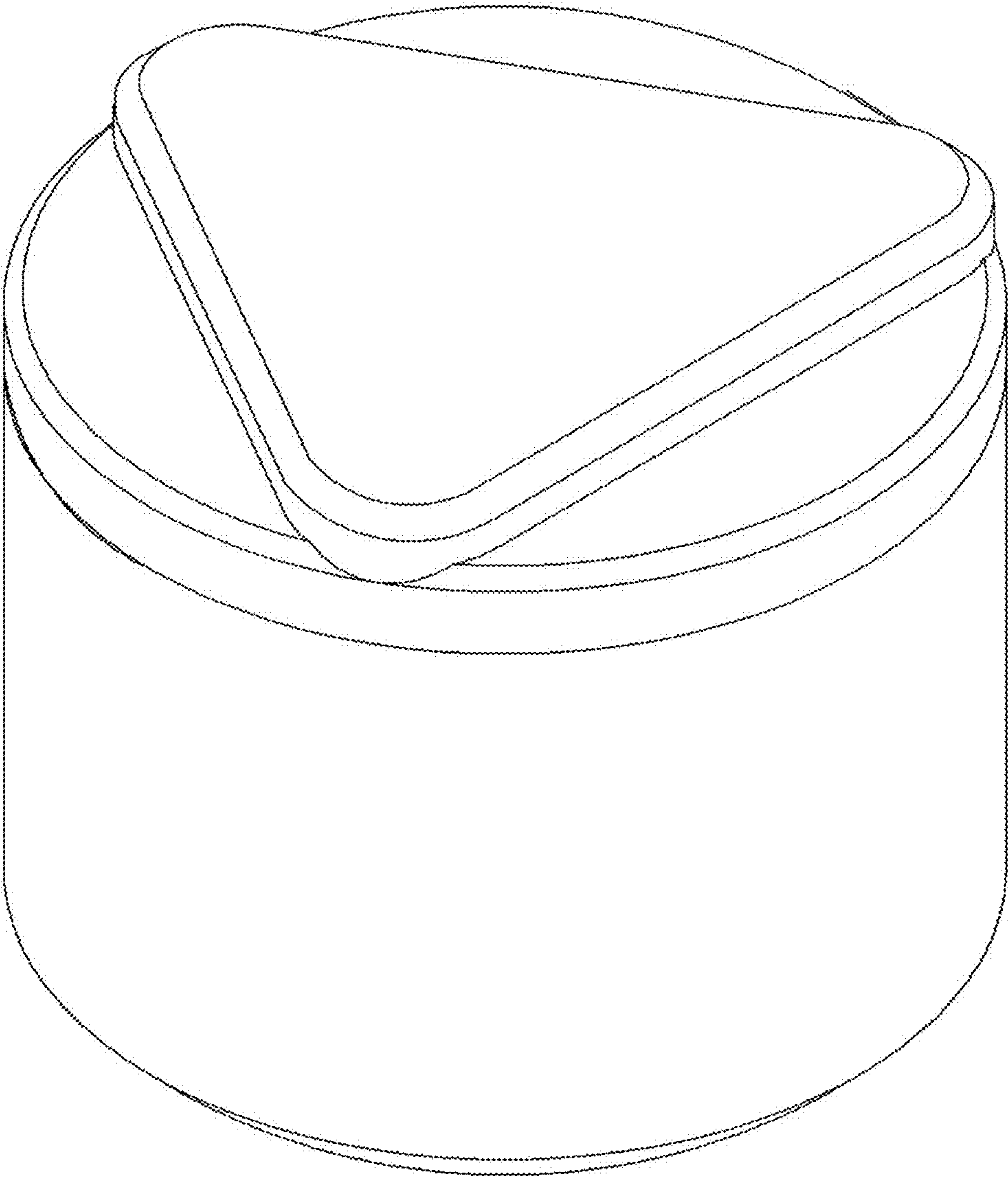


FIG. 1

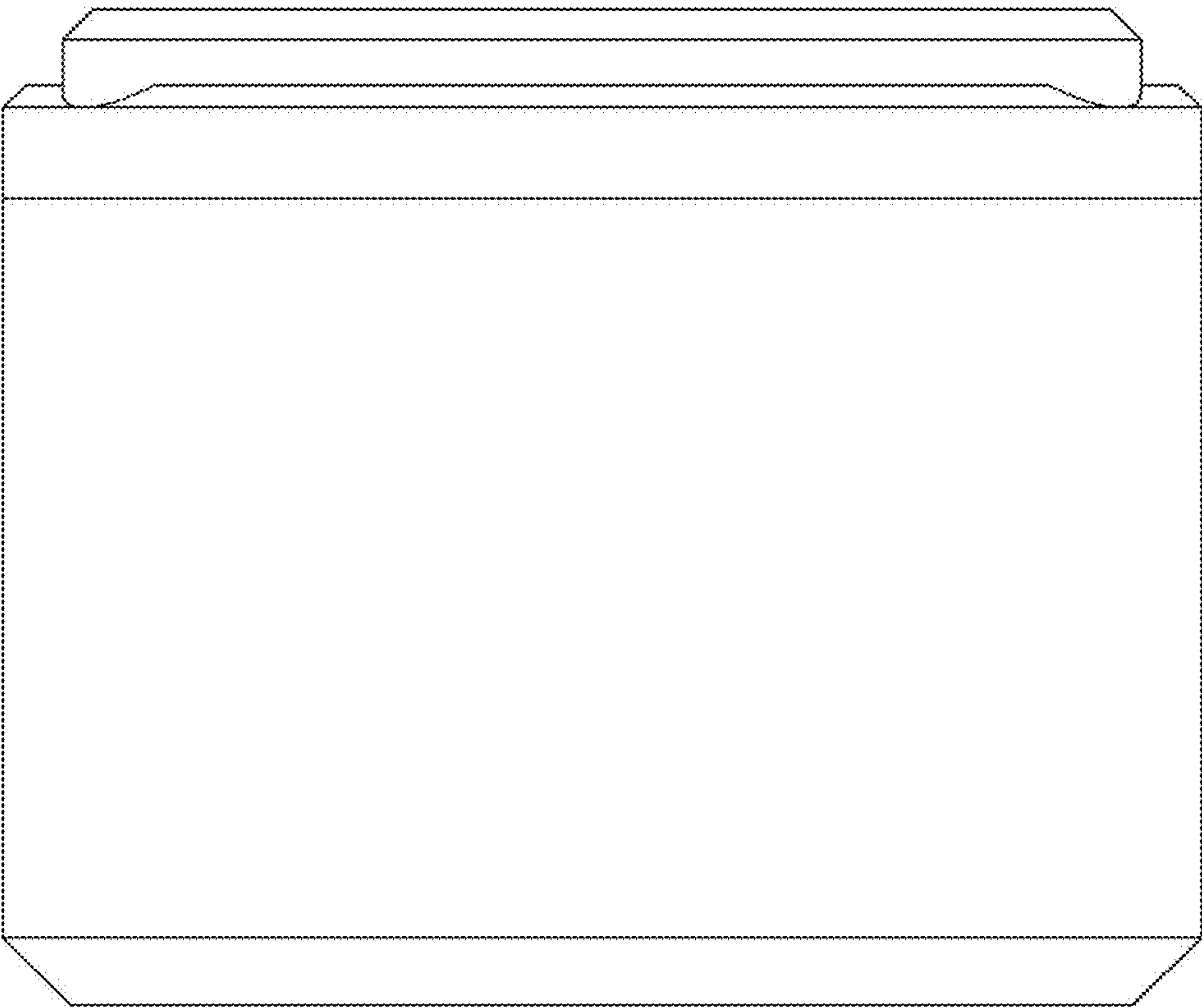


FIG. 2

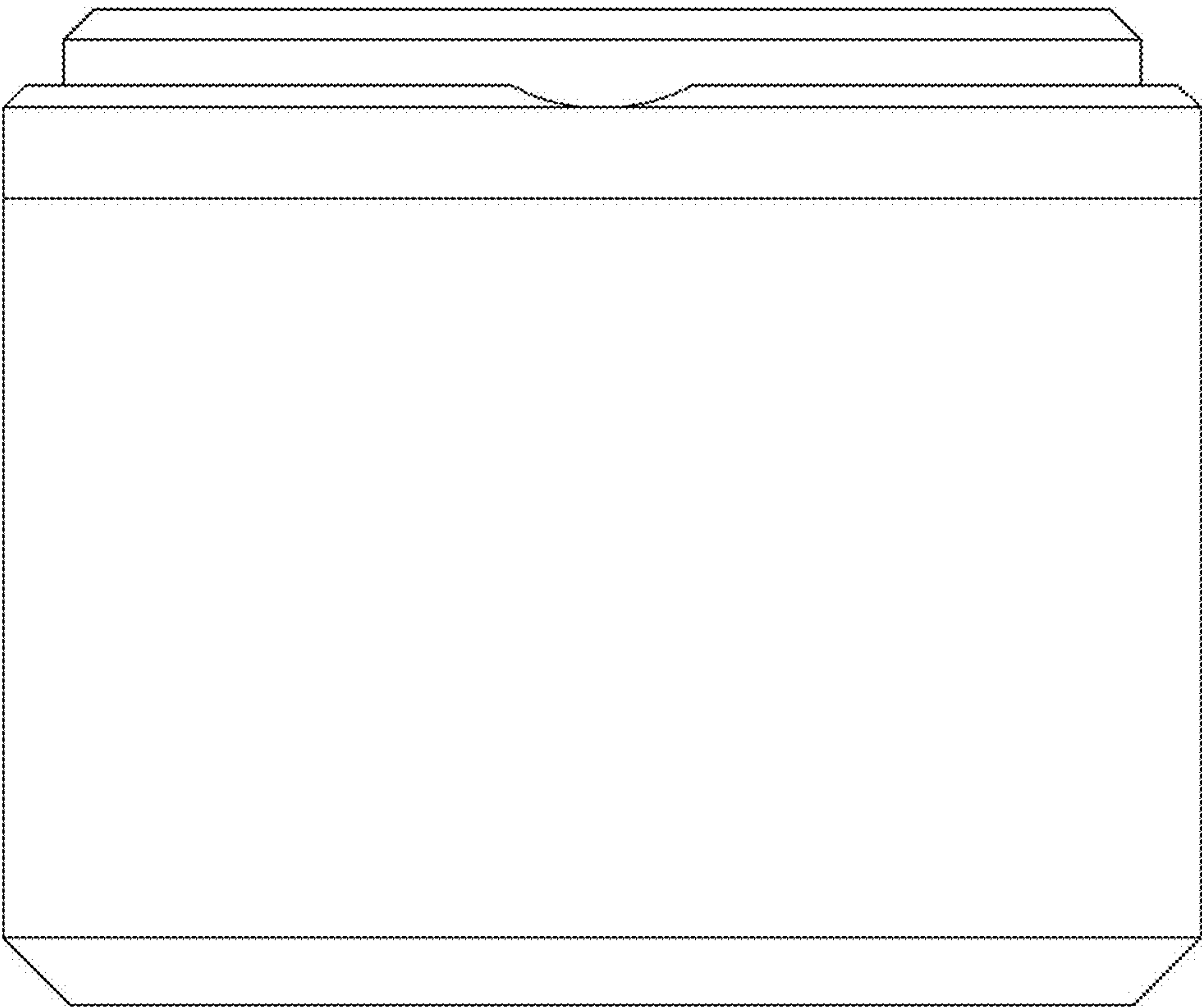


FIG. 3



FIG. 4

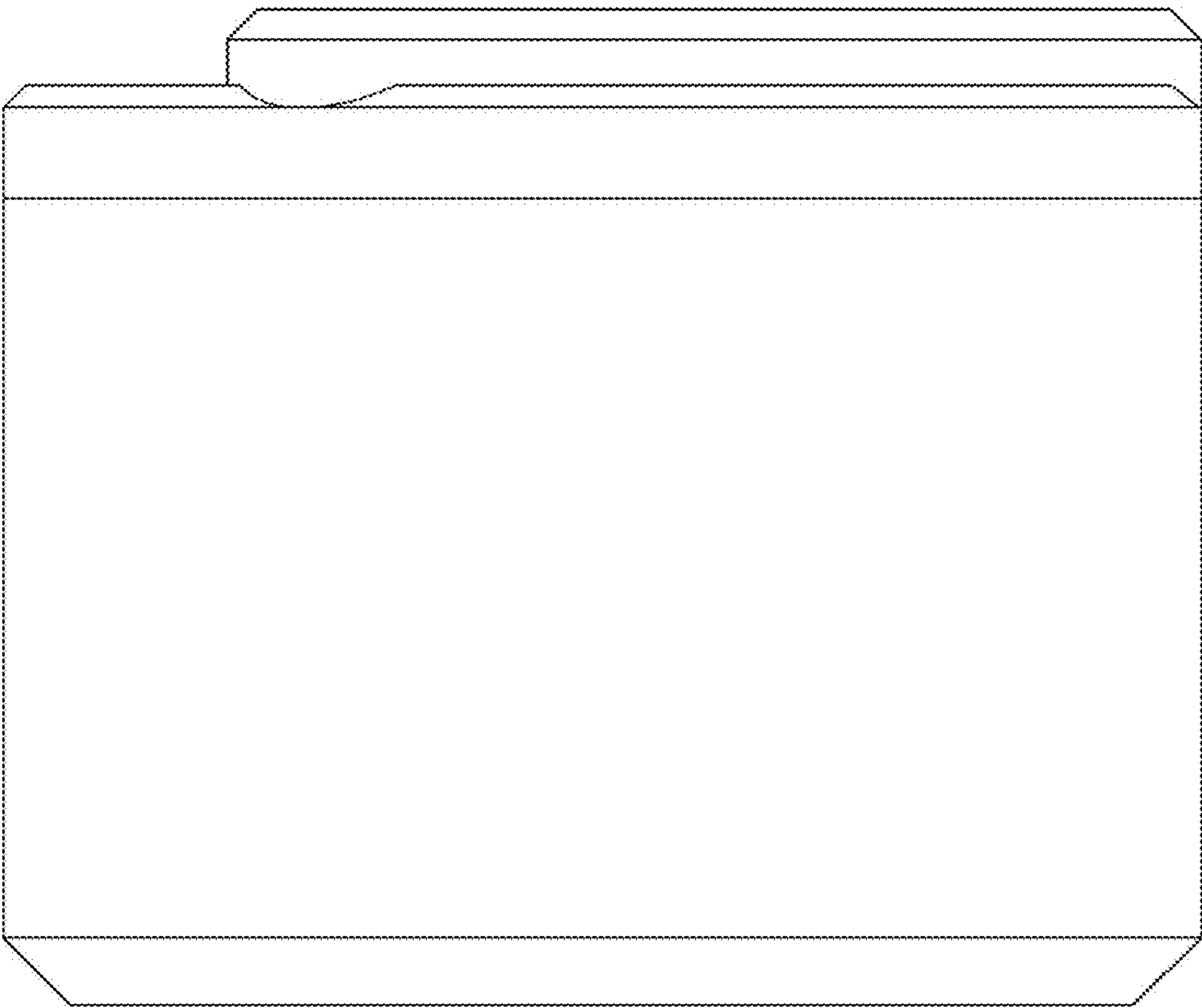


FIG. 5

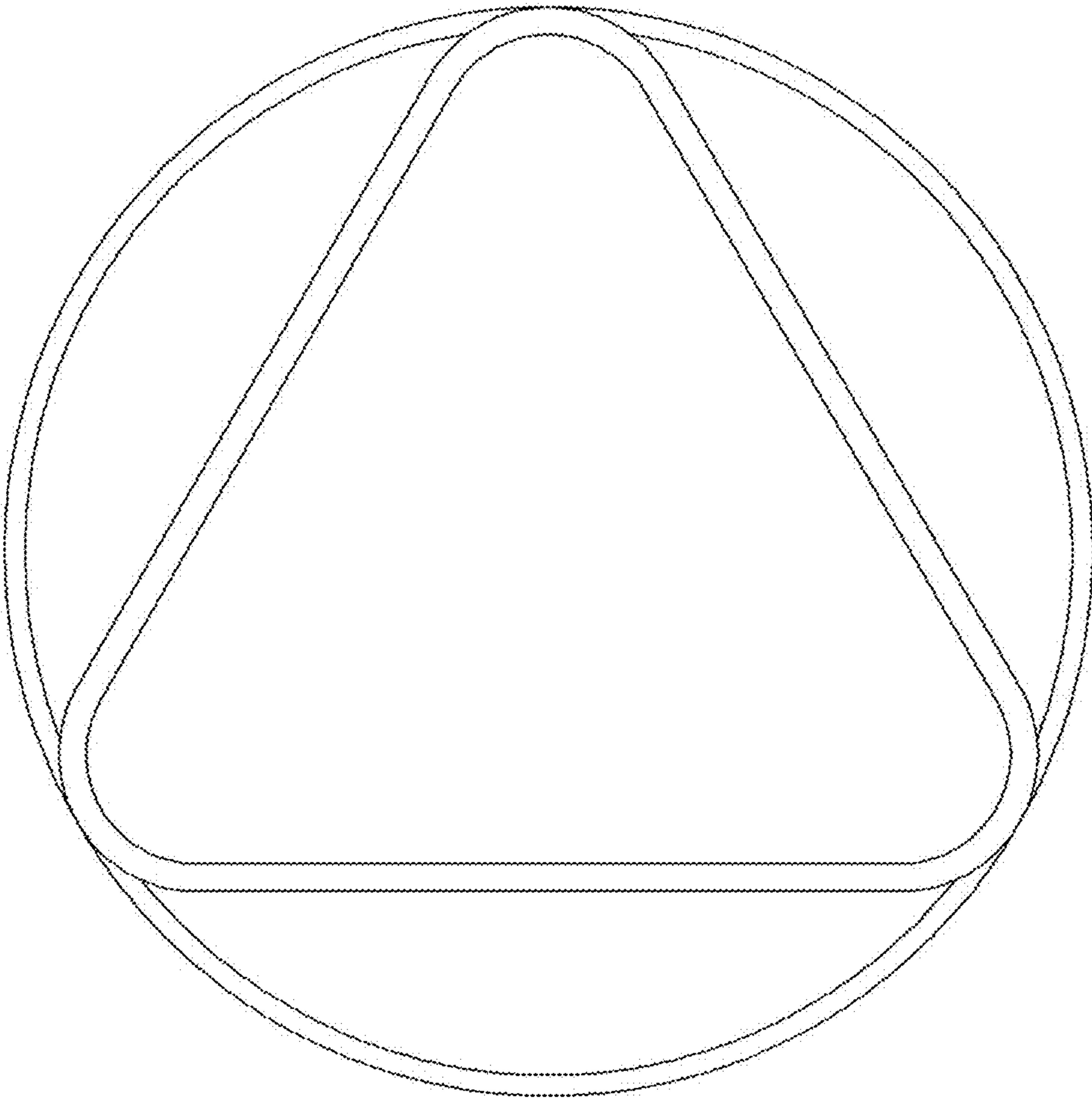


FIG. 6

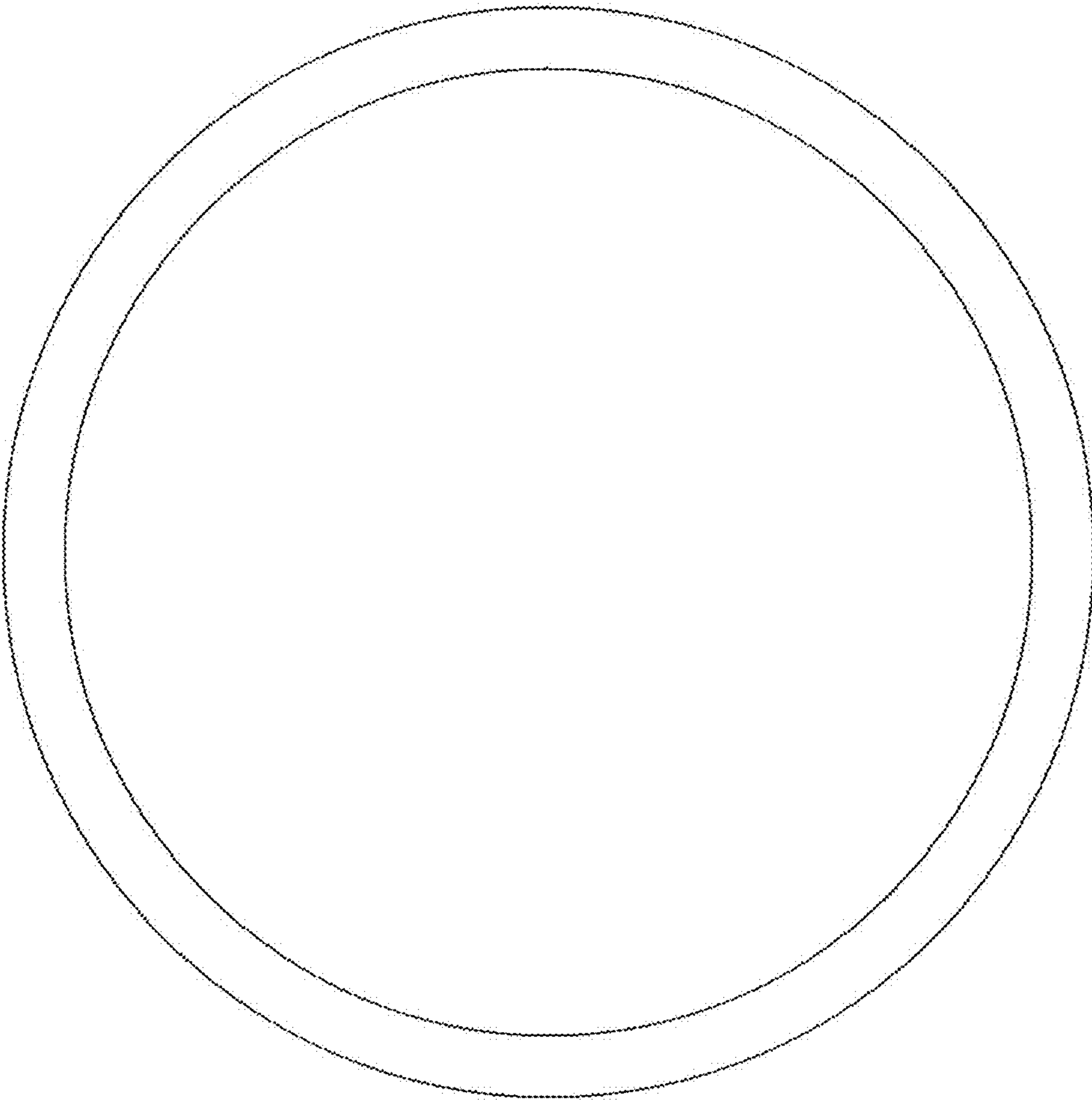


FIG. 7