



US00D968558S

(12) **United States Design Patent** (10) **Patent No.:** **US D968,558 S**
Zou (45) **Date of Patent:** **** Nov. 1, 2022**

(54) **FILTER UNIT**
(71) Applicant: **Qingdao Ecopure Filter Co., Ltd,**
Qingdao (CN)
(72) Inventor: **Zhibin Zou,** Qingdao (CN)
(**) Term: **15 Years**
(21) Appl. No.: **29/676,504**
(22) Filed: **Jan. 11, 2019**
(51) **LOC (13) Cl.** **23-01**
(52) **U.S. Cl.**
USPC **D23/209; D23/233**
(58) **Field of Classification Search**
USPC D23/207, 209, 200, 202, 205, 210, 259,
D23/260, 261, 233-237
CPC B01D 35/04; B01D 35/14; B01D 35/30;
B01D 35/0276; B01D 35/027; B01D
29/085; B01D 2201/29; B01D 2201/30;
B01D 2201/291; B01D 2201/295; B01D
2201/296; B01D 2201/298; B01D
2201/301; B01D 2201/306; B01D
2201/309; C02F 1/002
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
D322,836 S * 12/1991 Petrucci D23/209
D472,604 S * 4/2003 Fritze D23/209

D493,207 S * 7/2004 Ueda D23/209
D690,795 S * 10/2013 Reif D23/209
D846,697 S * 4/2019 Yoshimura D23/233
D884,637 S * 5/2020 Okajima F25D 23/126
D23/233
10,800,666 B2 * 10/2020 Hsing B01D 35/303
D909,606 S * 2/2021 Maibach, Jr. B01D 35/26
D23/207
2004/0189002 A1 * 9/2004 Niemeyer B01D 35/26
285/124.1
2016/0310873 A1 * 10/2016 Wong B01D 29/15
2021/0138372 A1 * 5/2021 Zhibin F25D 23/126

* cited by examiner

Primary Examiner — Calvin E Vansant
(74) *Attorney, Agent, or Firm* — Runit Ranjit Kanakia

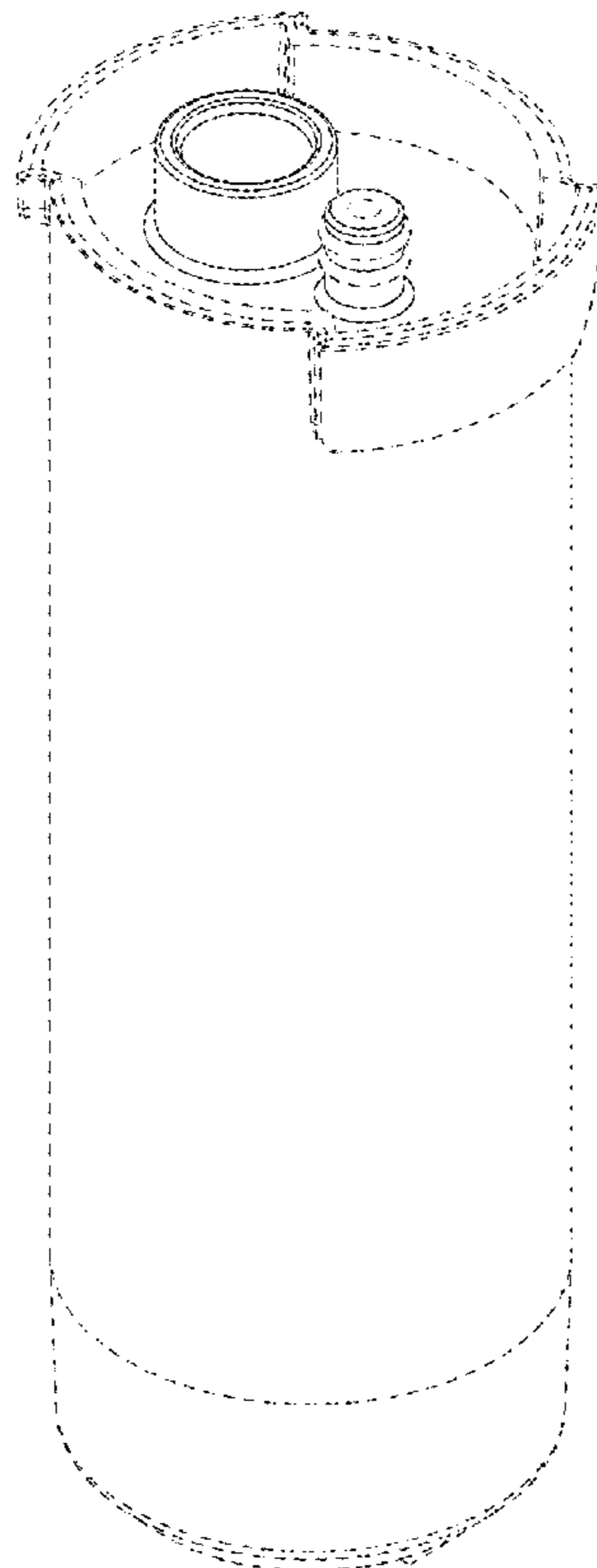
(57) **CLAIM**

The ornamental design for a filter unit, as shown and described.

DESCRIPTION

FIG. 1 is a Front elevational view of a filter unit showing my new design;
FIG. 2 is a Rear elevational view thereof;
FIG. 3 is a Left side view thereof;
FIG. 4 is a Right side view thereof;
FIG. 5 is a Top plan view thereof;
FIG. 6 is a Bottom plan view thereof; and,
FIG. 7 is a Perspective views thereof.
The broken lines in the drawing depict portions of the filter unit that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



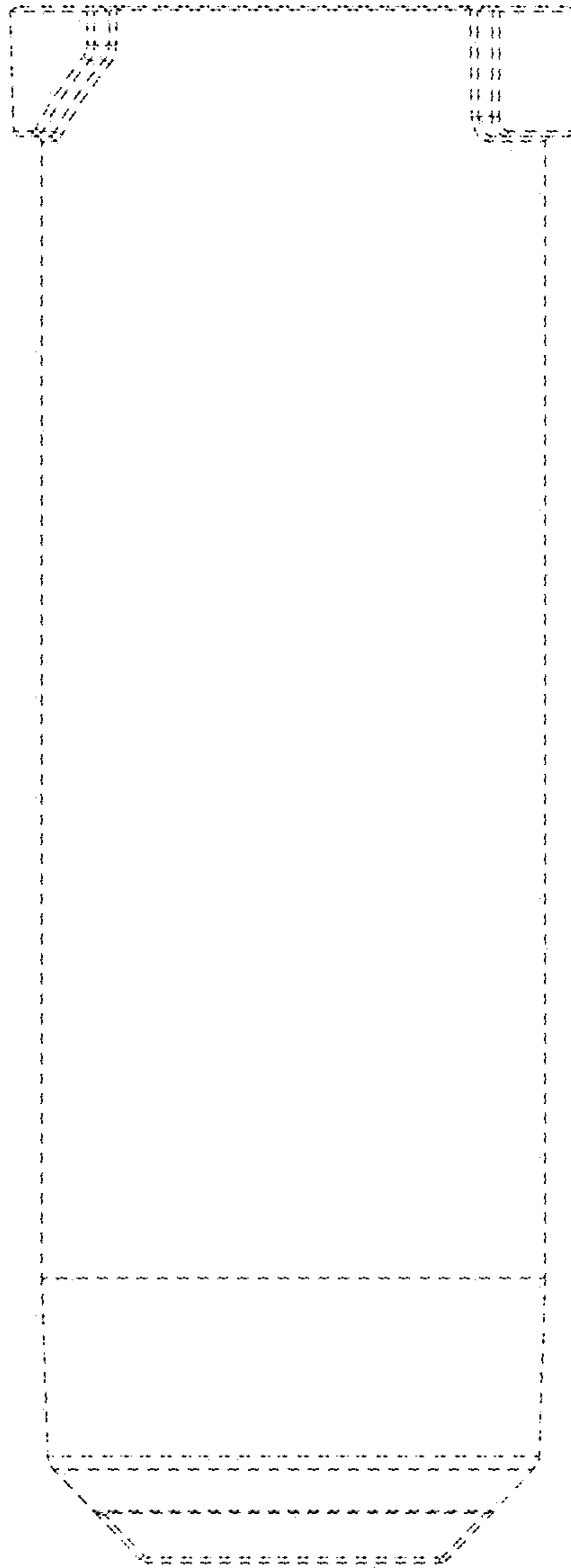


FIG.1

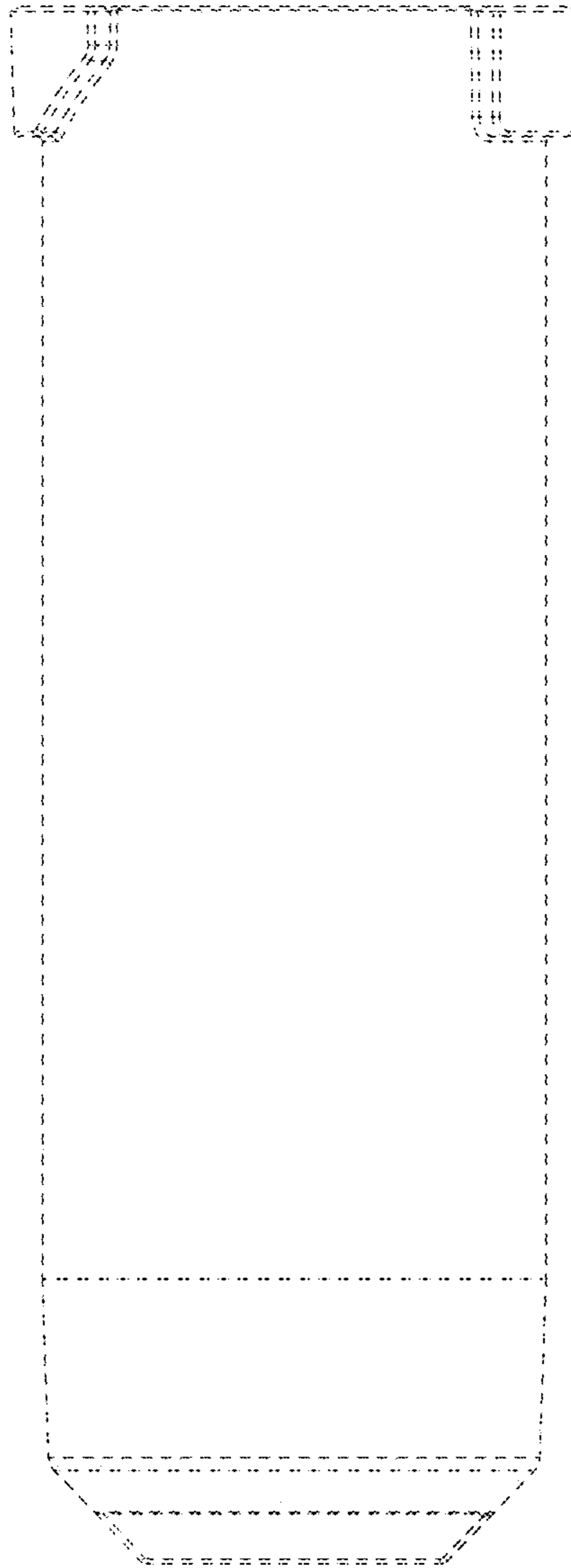


FIG.2

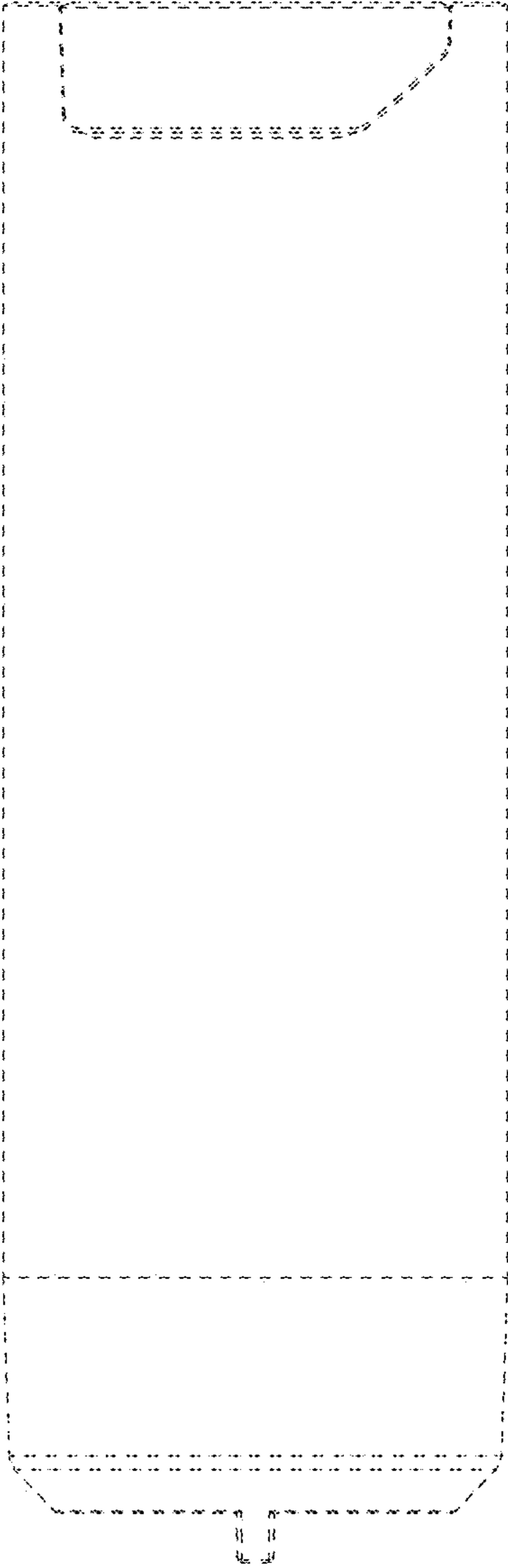


FIG.3

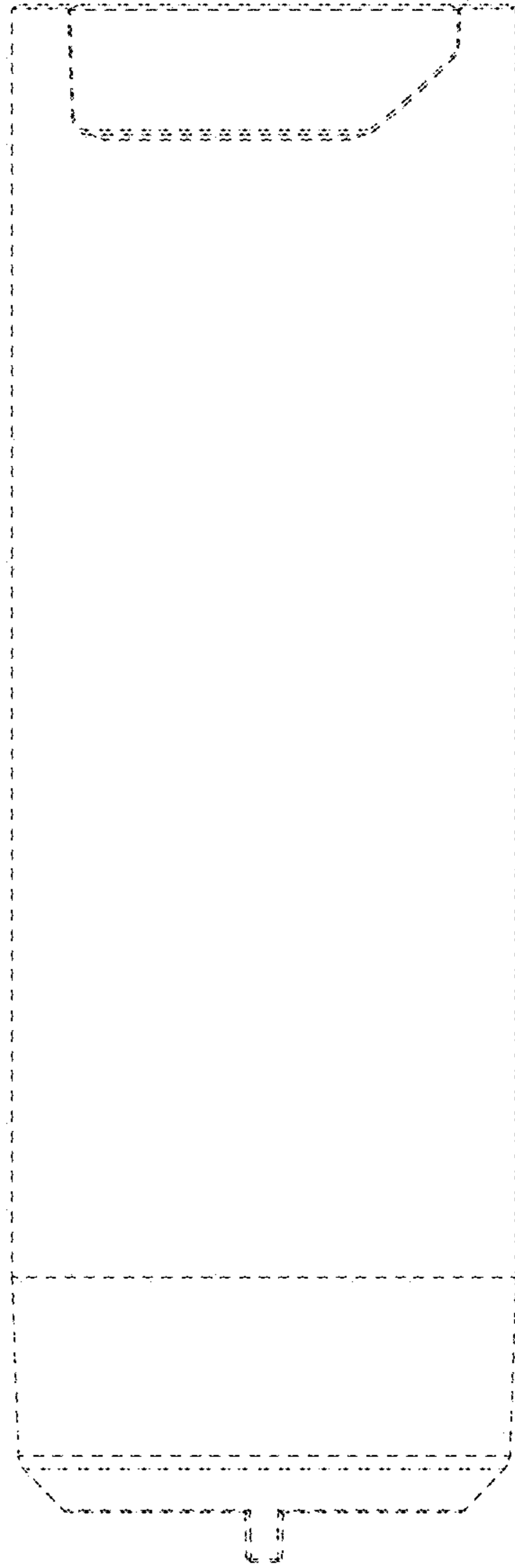


FIG.4

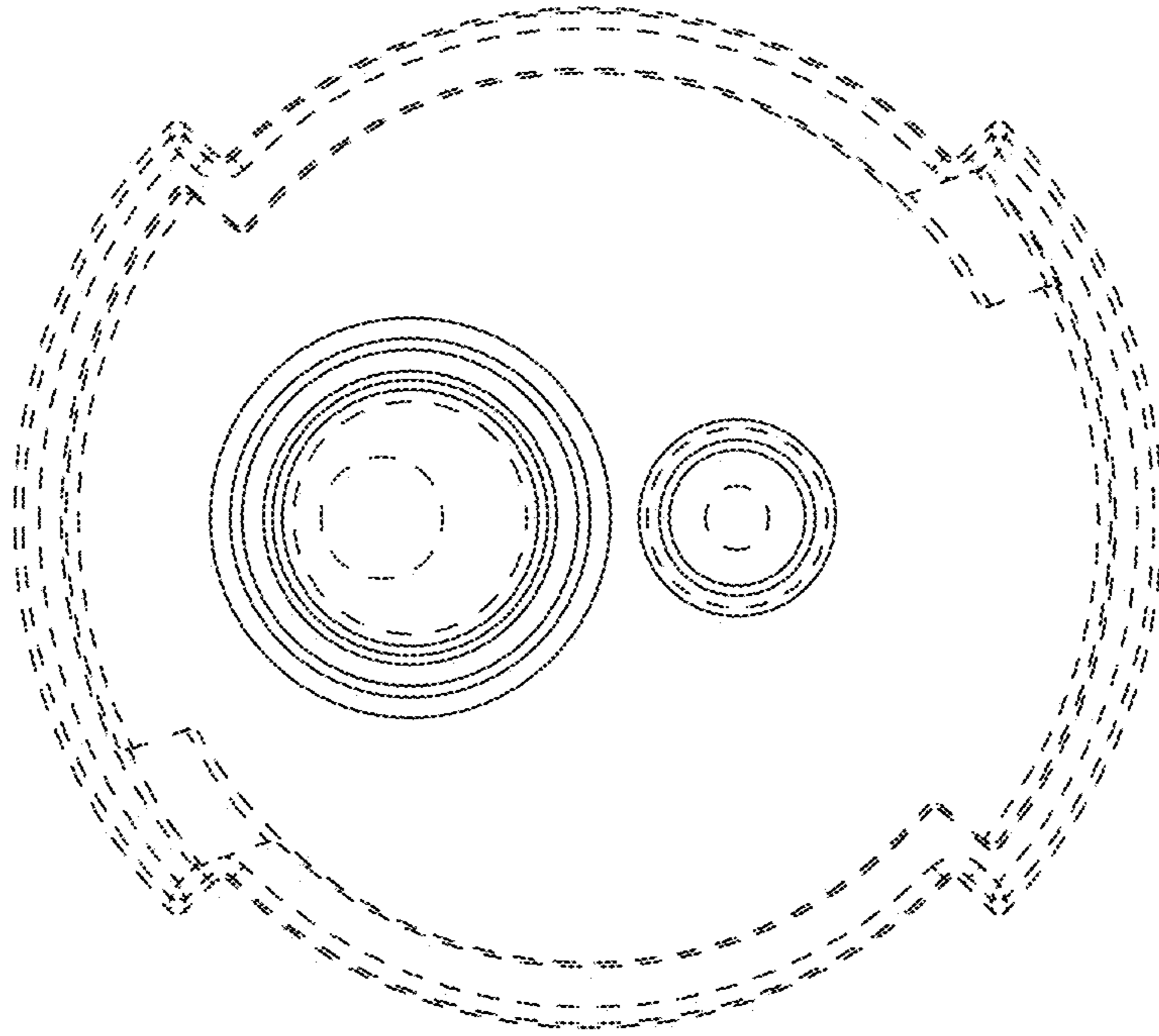


FIG.5

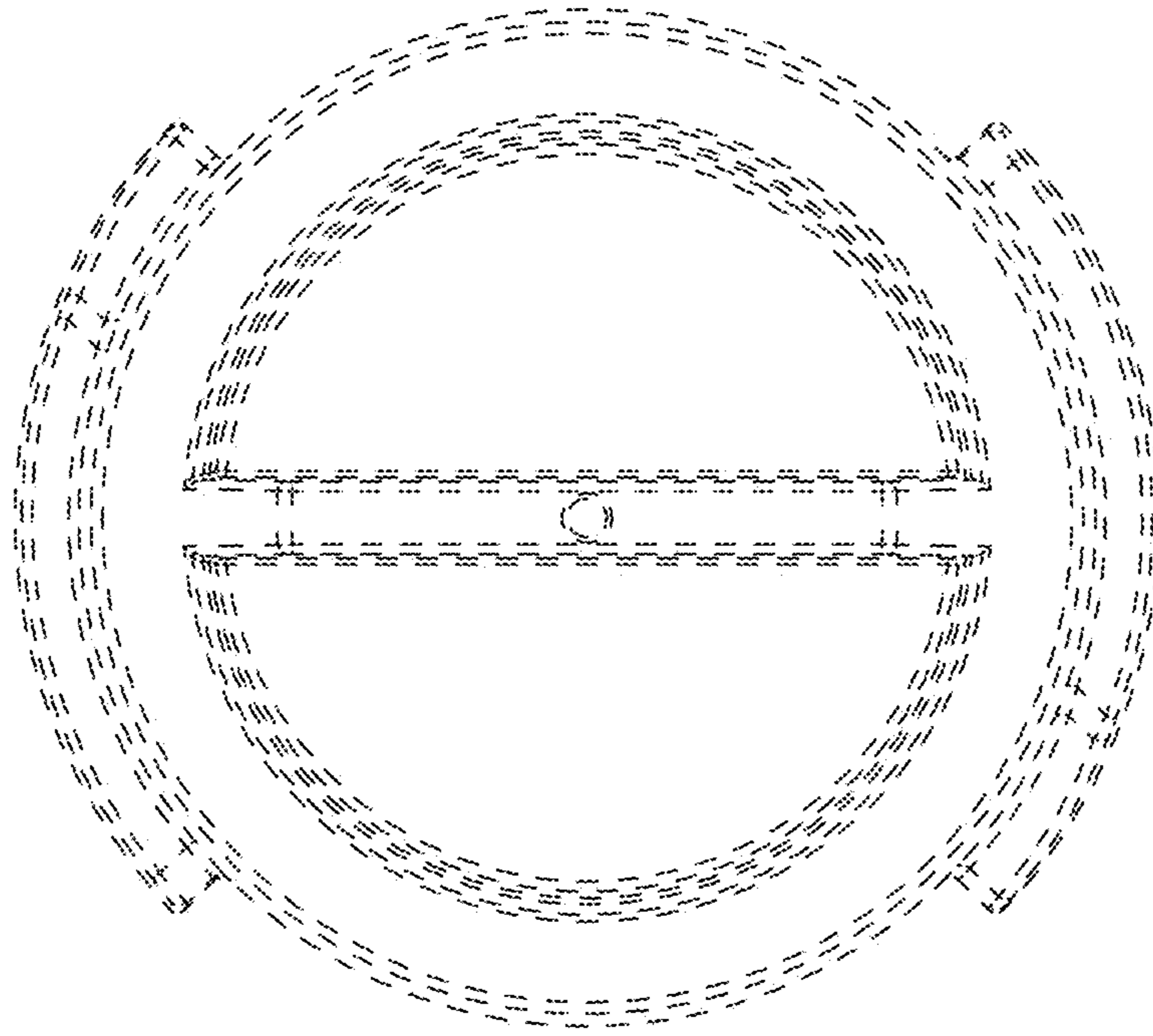


FIG.6

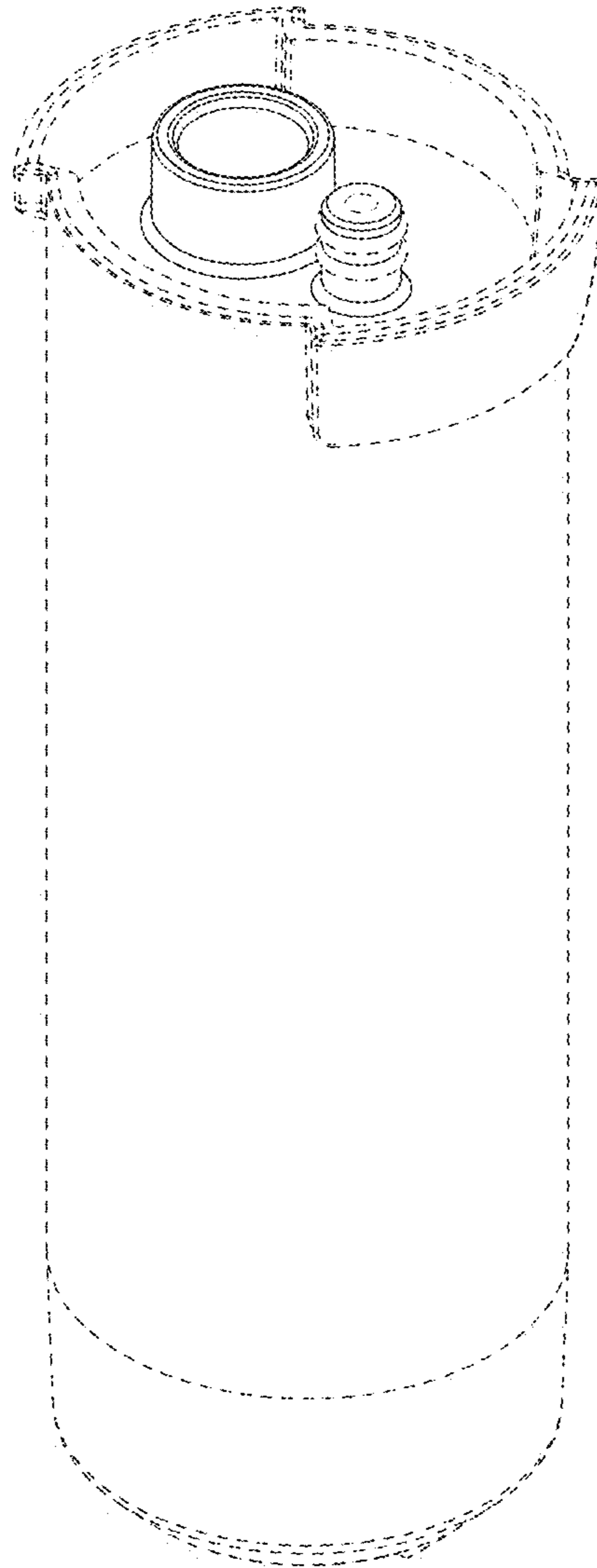


FIG.7