

US00D799027S

(12) **United States Design Patent** (10) **Patent No.:** **US D799,027 S**
Mueller et al. (45) **Date of Patent:** **** Oct. 3, 2017**

(54) **MODULAR FILLING STATION FOR FILLING SYRINGES**

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

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(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/121**

(58) **Field of Classification Search**
USPC D24/121, 123, 224; 604/317-325;
141/27, 320, 322

(Continued)

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(57) **CLAIM**

The ornamental design for a dispenser head for a modular filling station for filling a syringe, as shown and described.

DESCRIPTION

FIG. 1 is a top front perspective view of the dispenser head of the modular filling station of the invention.

FIG. 2 is a top rear perspective view of the dispenser head of the modular filling station.

FIG. 3 is a left side view of the dispenser head of the modular filling station.

FIG. 4 is a top view of the dispenser head of the modular filling station.

FIG. 5 is a bottom view of the dispenser head of the modular filling station.

FIG. 6 is a right side view of the dispenser head of the modular filling station.

FIG. 7 is a front view of the dispenser head of the modular filling station.

FIG. 8 is a rear view of the dispenser head of the modular filling station.

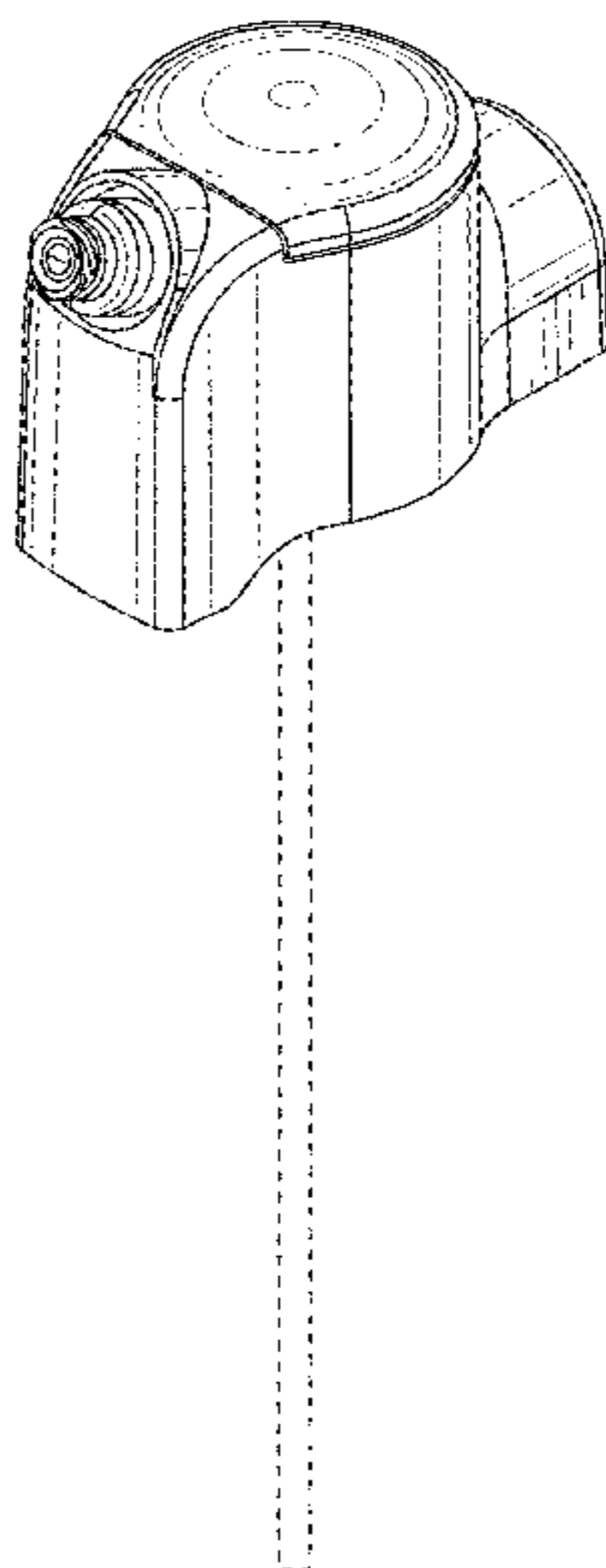
FIG. 9 is a bottom rear perspective view of the dispenser head of the modular filling station; and,

FIG. 10 is a bottom front perspective view of the dispenser head of the modular filling station.

The dashed lines in FIGS. 1, 2, 3, 6, 7, 8, 9, 10 represent a dip tube and form no part of the claimed design. The dashed lines inside the cap in FIGS. 5, 9 and 10 represent the form and depth inside the cap and form no part of the claimed design.

The claimed dispenser head for a modular filling station is for use in filling a syringe, in particular in dental applications. The modular filling station includes a dispenser head and bottle holder, which can be used in combination with any suitable bottle or container containing, e.g., an irrigation solution. The modular filling station of the invention protects against contamination and allows for time-saving one-hand use without loss of material.

1 Claim, 9 Drawing Sheets



(58) **Field of Classification Search**

CPC A61J 1/2096; A61J 1/2037; A61M 5/1782;
B65D 41/04; B65D 2251/023; B65D
41/0485; B65D 41/3428

See application file for complete search history.

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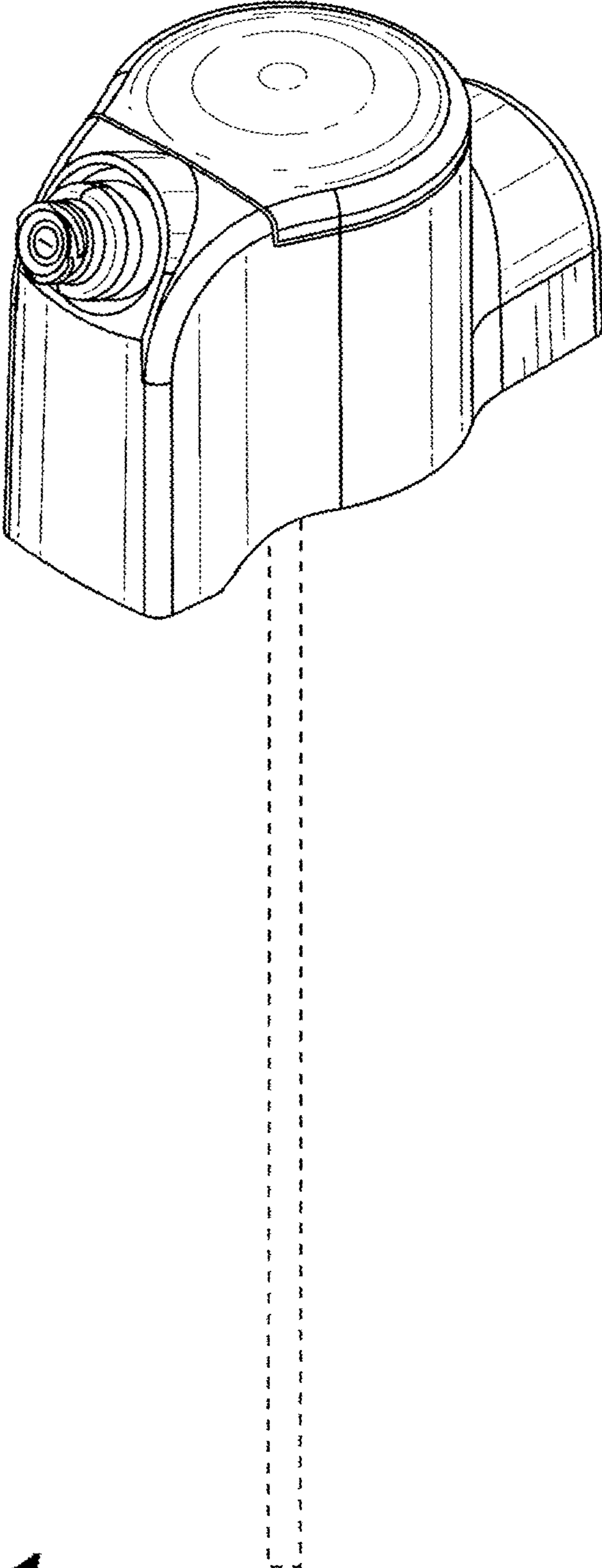


FIG. 1

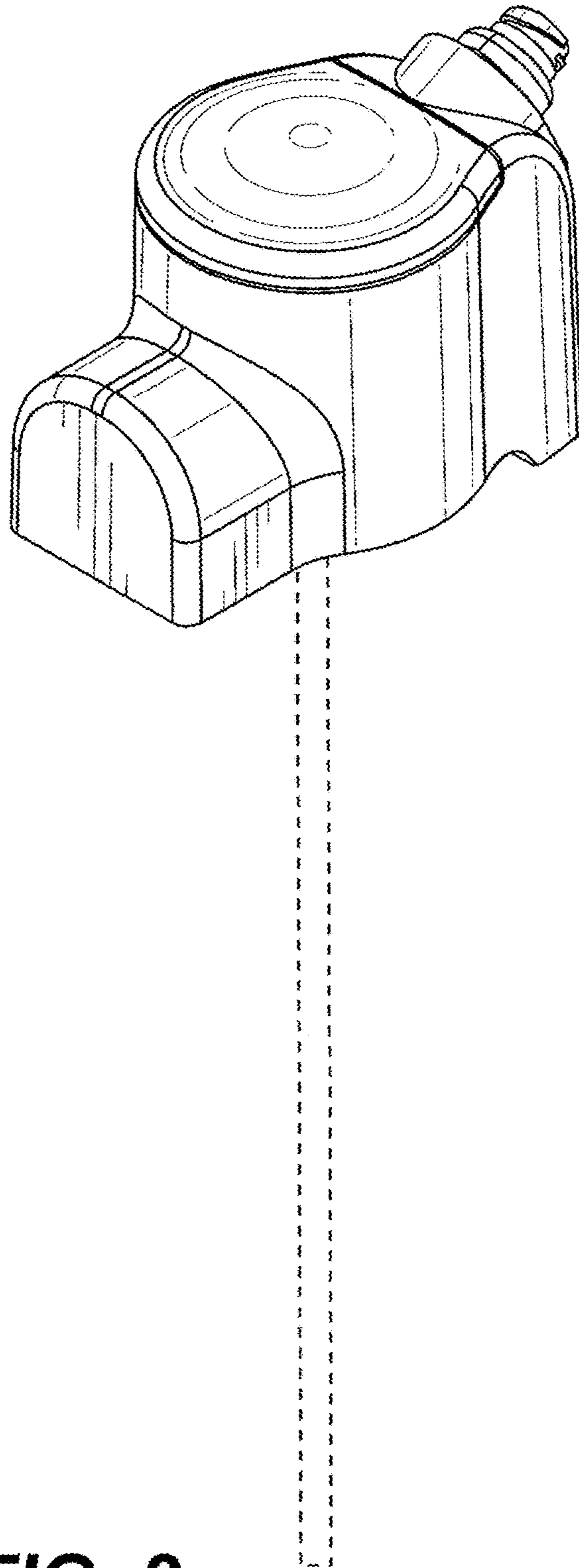


FIG. 2

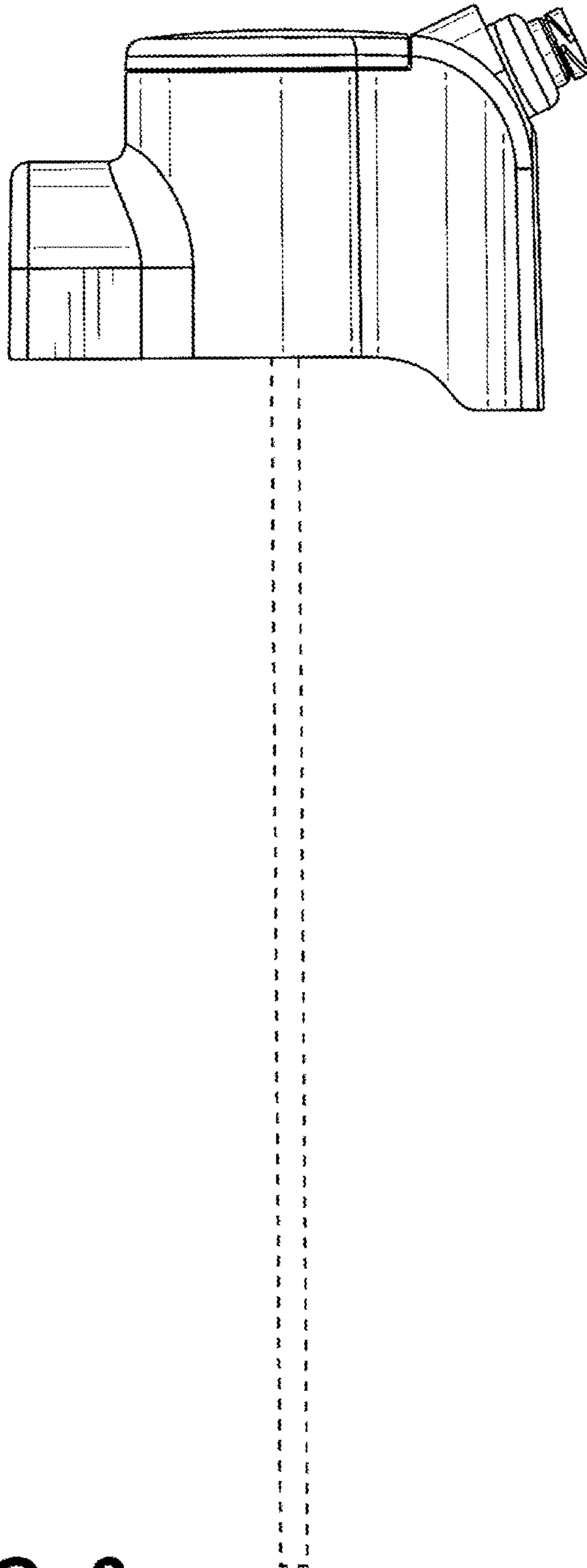


FIG. 3

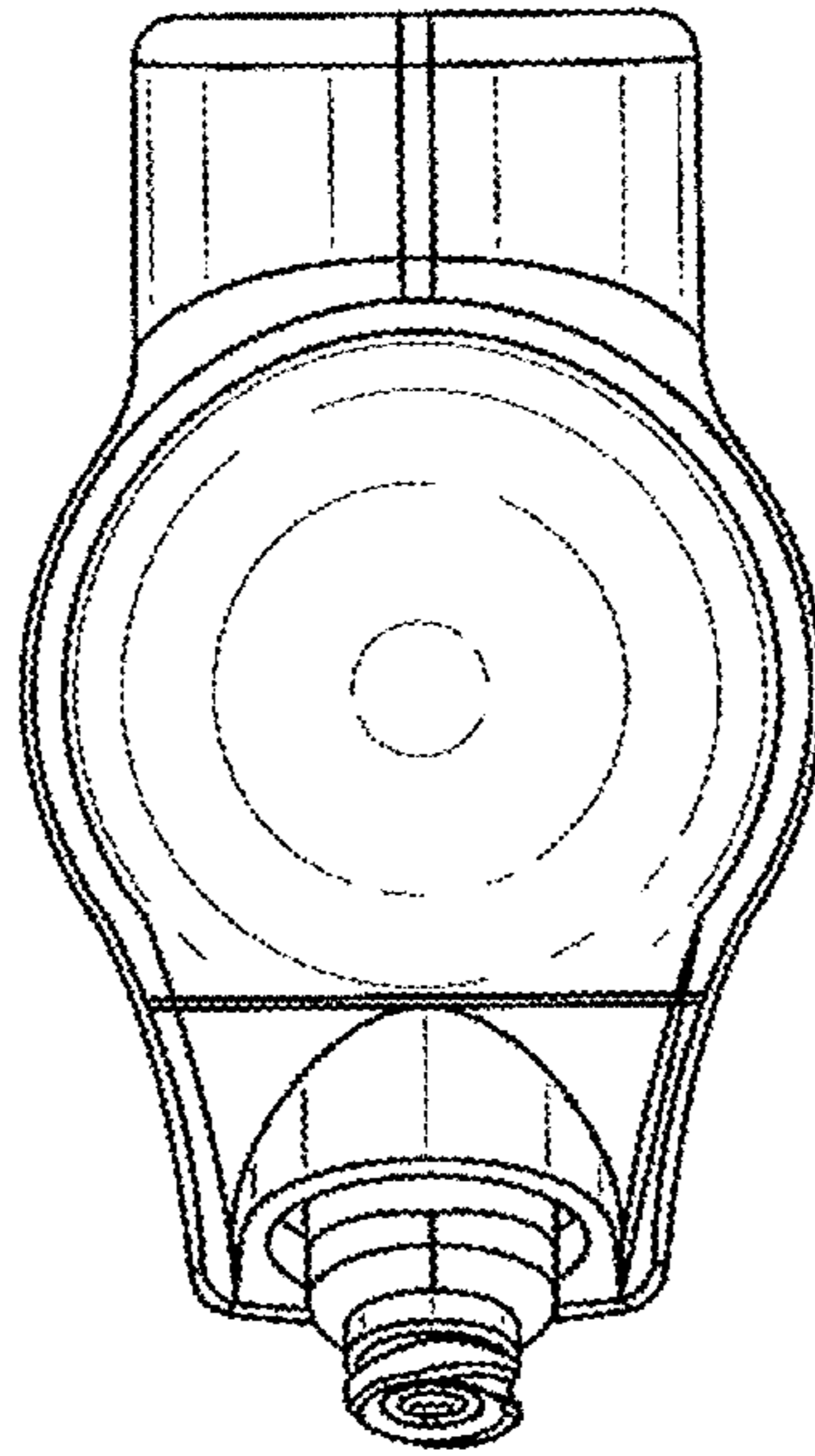


FIG. 4

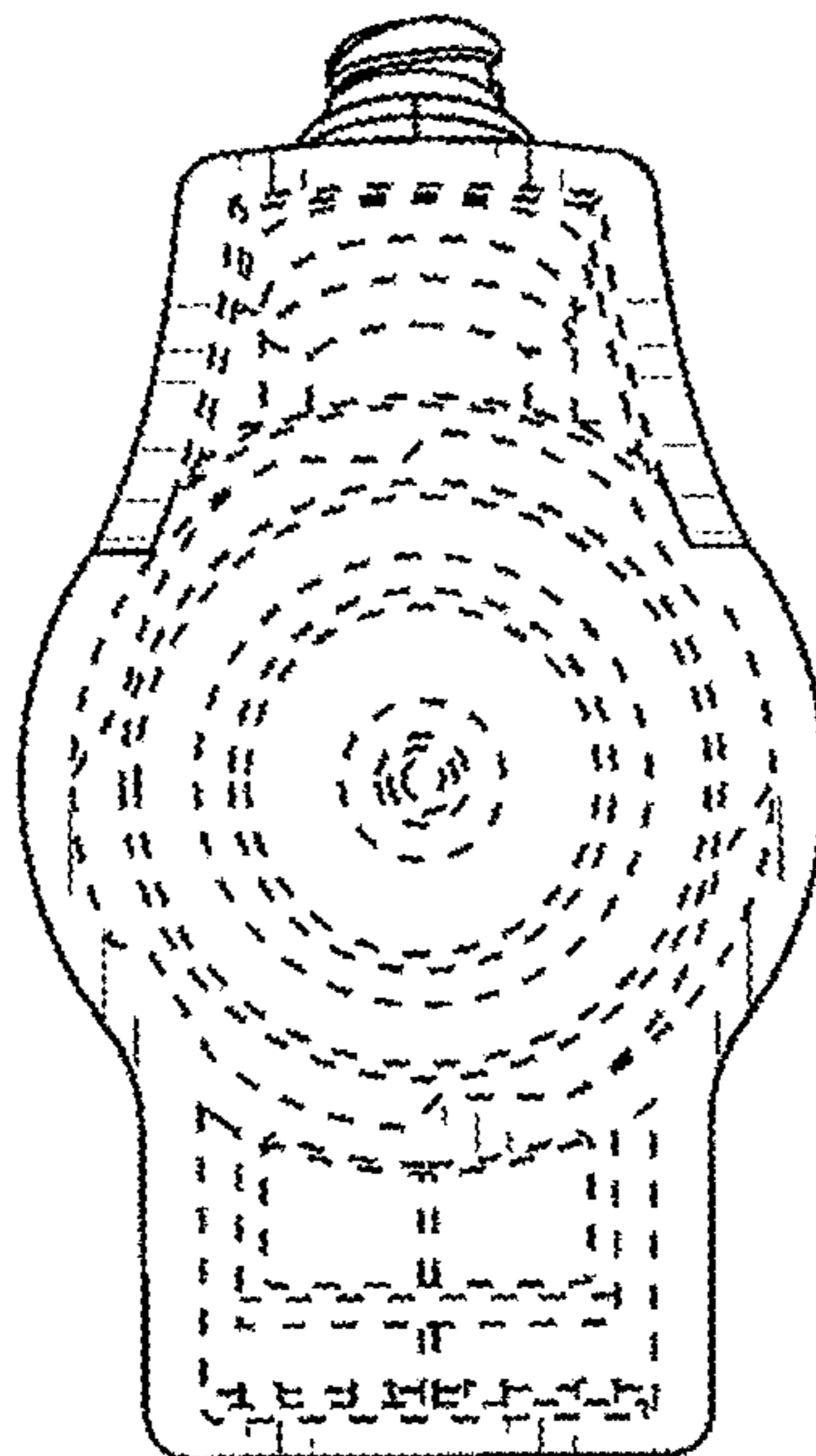


FIG. 5

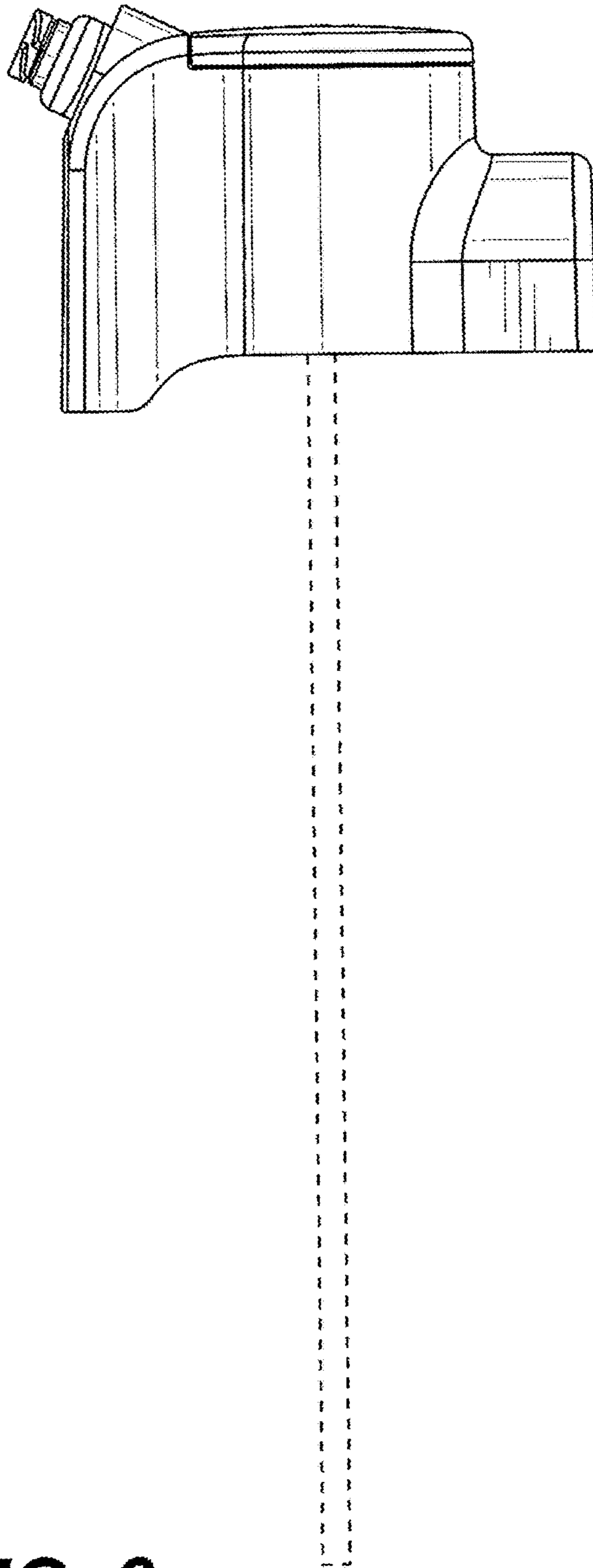


FIG. 6

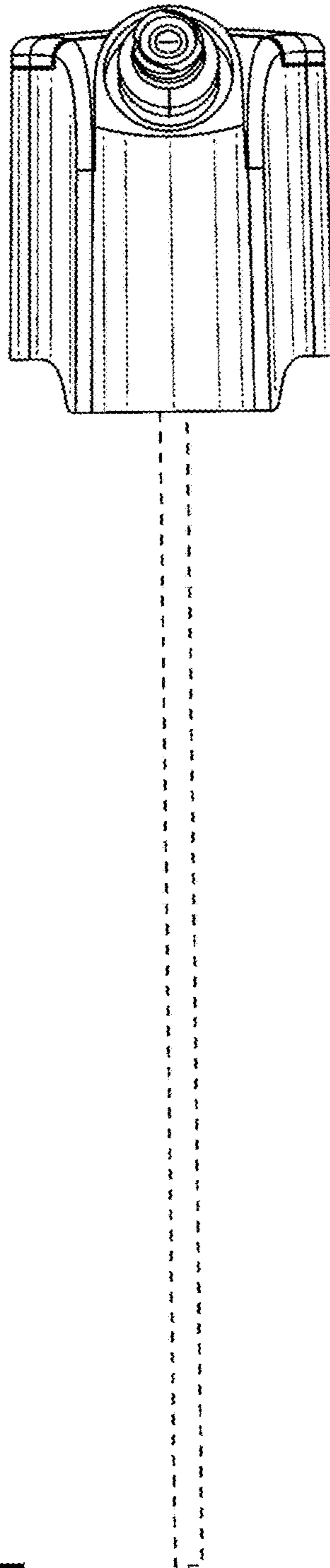


FIG. 7

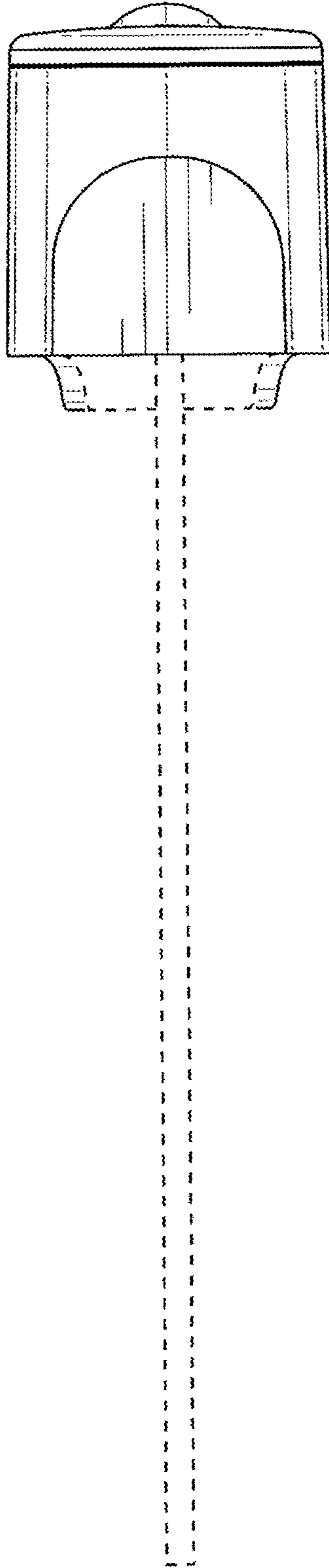


FIG. 8

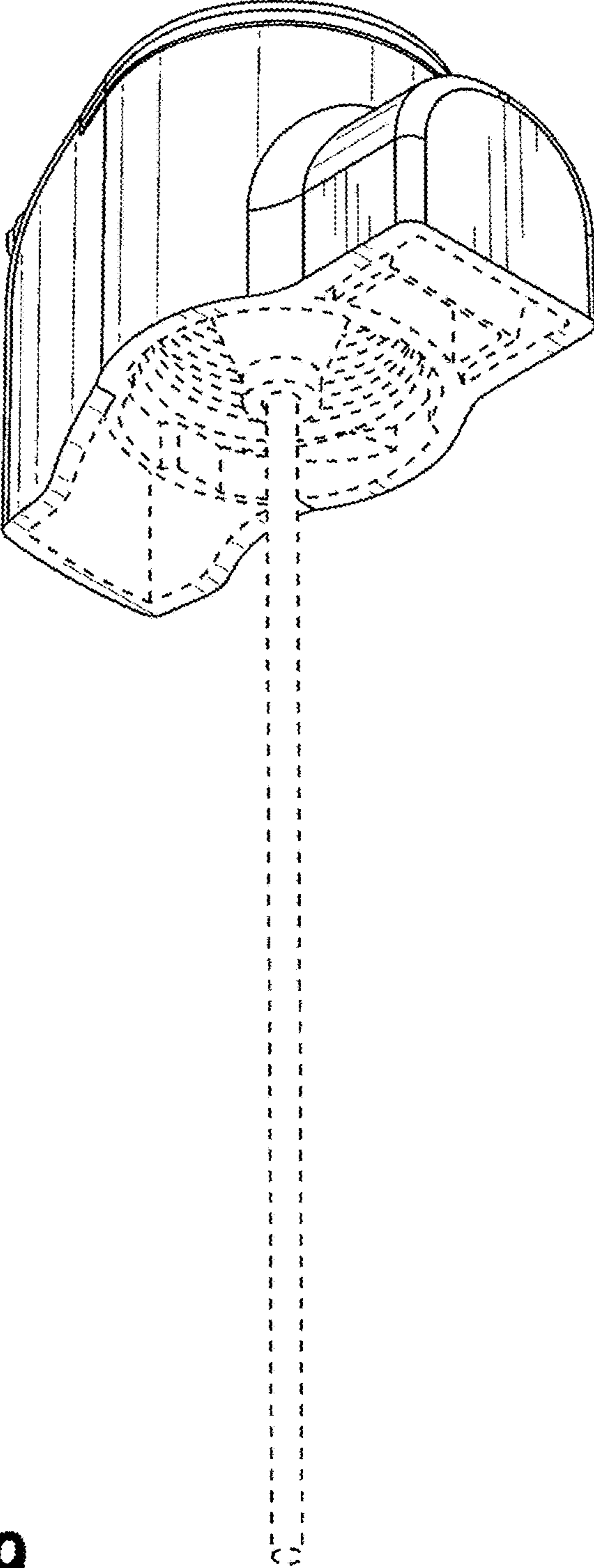


FIG. 9

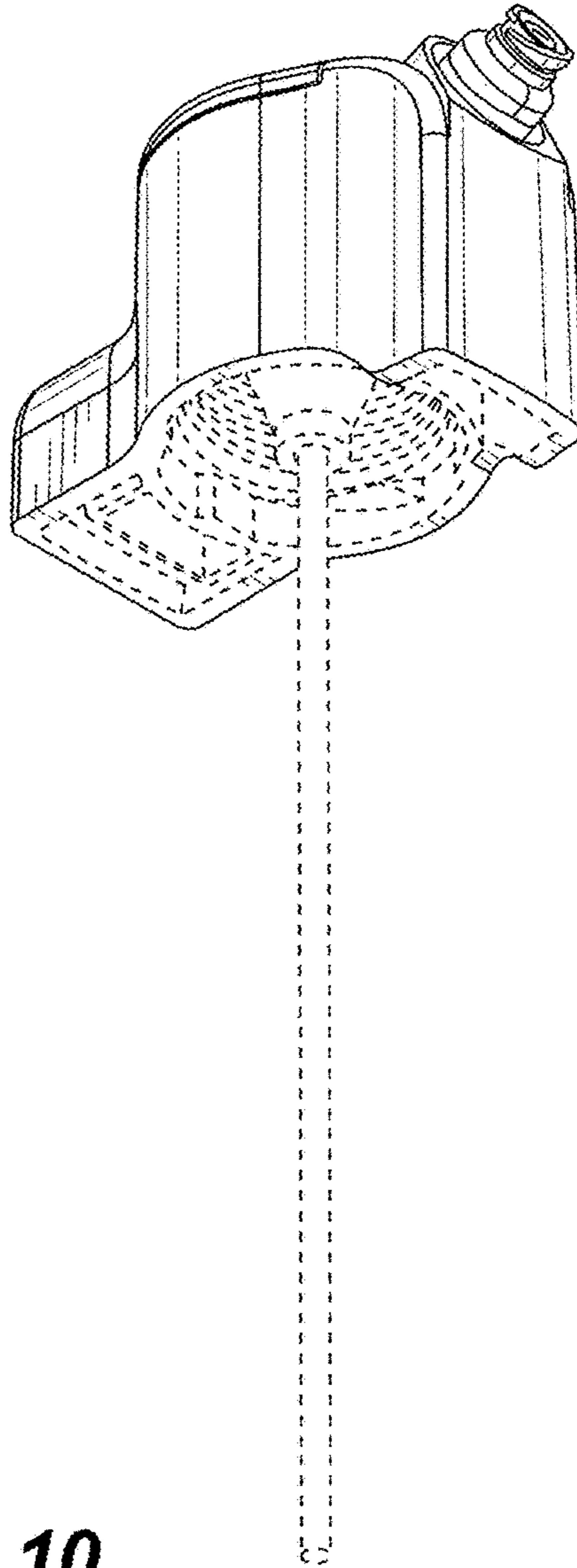


FIG. 10