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United States Design Patent
Boyaval et al.

(10)

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(45)

Date of Patent: **** May 5, 2020**

(54) **HANDHELD DRUG DELIVERY DEVICE**

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

(21) Appl. No.: **29/654,799**

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Related U.S. Application Data

(62) Division of application No. 29/597,038, filed on Mar. 14, 2017, now Pat. No. Des. 827,128.

(51) **LOC (12) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/117; D24/113**

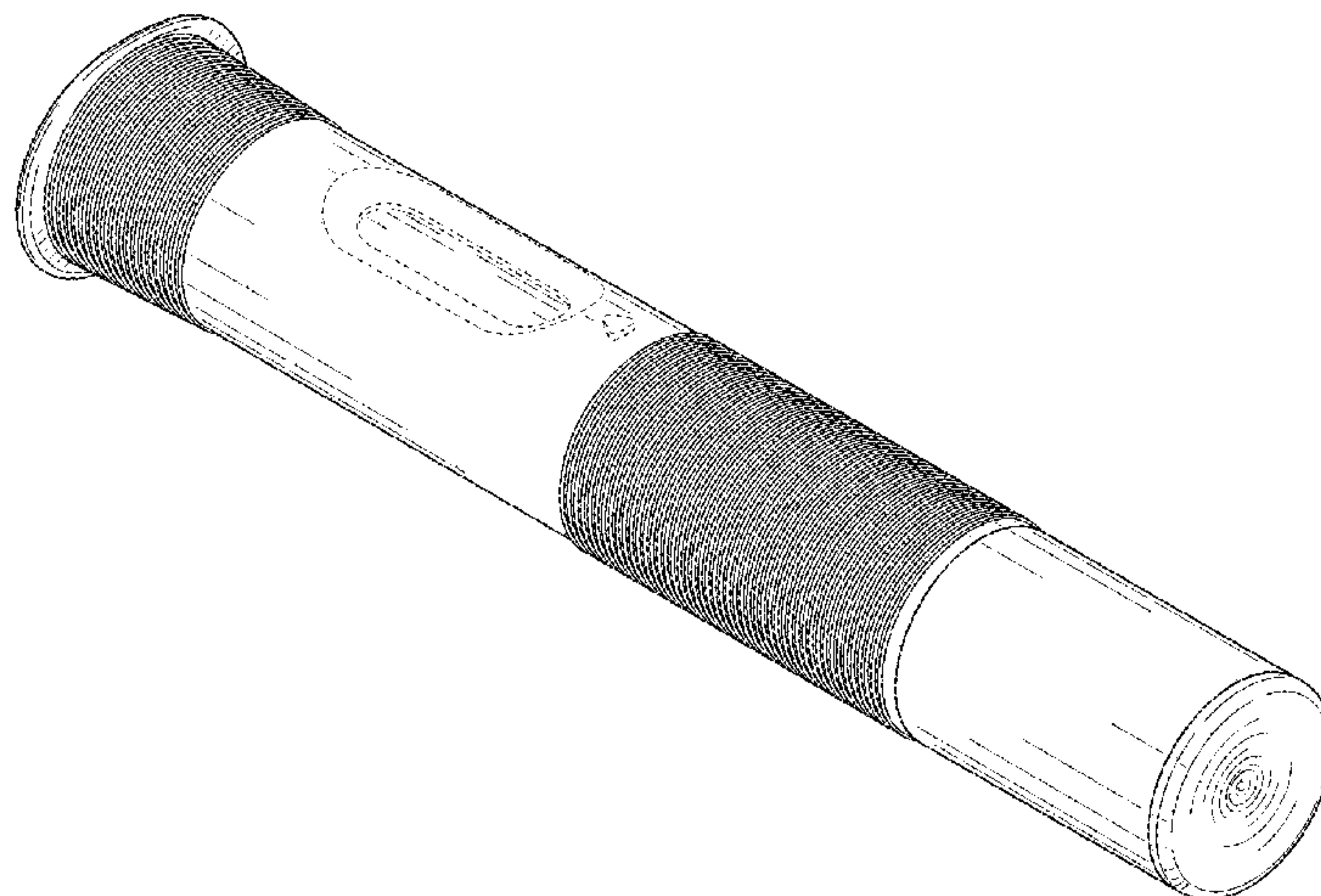
(58) **Field of Classification Search**
USPC D24/112, 113, 114, 117, 118, 119, 127, D24/130, 133, 186, 104; D8/107
CPC .. A61M 2005/14268; A61M 2005/341; A61M 2209/045; A61M 5/1413; A61M 5/14244; A61M 5/14248; A61M 5/165; A61M 5/36; A61M 5/38; A61M 5/24
See application file for complete search history.

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(74) *Attorney, Agent, or Firm* — Marshall, Gerstein &
Borun LLP

(57) CLAIM

The ornamental design for a handheld drug delivery device,
as shown and described.

DESCRIPTION

This patent or application file contains a least one drawing
executed partly in color. Copies of this patent or patent
application publication with drawing(s) partly in color will
be provided by the Office upon request and payment of any
necessary fee.

FIG. 1 is a perspective view showing a first embodiment of
a new design for a handheld drug delivery device;

FIG. 2 is a front view of the handheld drug delivery device
of FIG. 1;

FIG. 3 is a rear view of the handheld drug delivery device
of FIG. 1;

FIG. 4 is a right-side view of the handheld drug delivery
device of FIG. 1;

FIG. 5 is a left-side view of the handheld drug delivery
device of FIG. 1;

FIG. 6 is a top view of the handheld drug delivery device of
FIG. 1;

FIG. 7 is a bottom view of the handheld drug delivery device
of FIG. 1;

FIG. 8 is a perspective view of the handheld drug delivery
device of FIG. 1 with its cap removed;

FIG. 9 is a top view of the handheld drug delivery device of
FIG. 1 with its cap removed;

FIG. 10 is a perspective view showing a second embodiment
of a new design for a handheld drug delivery device;

FIG. 11 is a front view of the handheld drug delivery device
of FIG. 10;

FIG. 12 is a rear view of the handheld drug delivery device
of FIG. 10;

FIG. 13 is a right-side view of the handheld drug delivery
device of FIG. 10;

FIG. 14 is a left-side view of the handheld drug delivery
device of FIG. 10;

FIG. 15 is a top view of the handheld drug delivery device
of FIG. 10;

FIG. 16 is a bottom view of the handheld drug delivery
device of FIG. 10;

FIG. 17 is a perspective view of the handheld drug delivery
device of FIG. 10 in a first position of use with its cap
removed and prior to drug delivery;

FIG. 18 is a top view of the handheld drug delivery device
of FIG. 10 in a first position of use with its cap removed and
prior to drug delivery;

FIG. 19 is a perspective view of the handheld drug delivery
device of FIG. 10 in a second position of use with its cap
removed and subsequent to drug delivery;

FIG. 20 is a top view of the handheld drug delivery device
of FIG. 10 in a second position of use with its cap removed
and subsequent to drug delivery;

FIG. 21 is a perspective view showing a third embodiment
of a new design for a handheld drug delivery device;

FIG. 22 is a front view of the handheld drug delivery device
of FIG. 21;

FIG. 23 is a rear view of the handheld drug delivery device
of FIG. 21;

FIG. 24 is a right-side view of the handheld drug delivery
device of FIG. 21;

FIG. 25 is a left-side view of the handheld drug delivery
device of FIG. 21;

FIG. 26 is a top view of the handheld drug delivery device
of FIG. 21;

FIG. 27 is a bottom view of the handheld drug delivery
device of FIG. 21;

FIG. 28 is a perspective view of the handheld drug delivery
device of FIG. 21 in a first position of use with its cap
removed and prior to drug delivery;

FIG. 29 is a top view of the handheld drug delivery device
of FIG. 21 in a first position of use with its cap removed and
prior to drug delivery;

FIG. 30 is a perspective view of the handheld drug delivery
device of FIG. 21 in a second position of use with its cap
removed and subsequent to drug delivery; and,

FIG. 31 is a top view of the handheld drug delivery device
of FIG. 21 in a second position of use with its cap removed
and subsequent to drug delivery.

The broken line areas of the handheld drug delivery device
are included for the purpose of illustrating environment and
form no part of the claimed design.

1 Claim, 19 Drawing Sheets
(14 of 19 Drawing Sheet(s) Filed in Color)

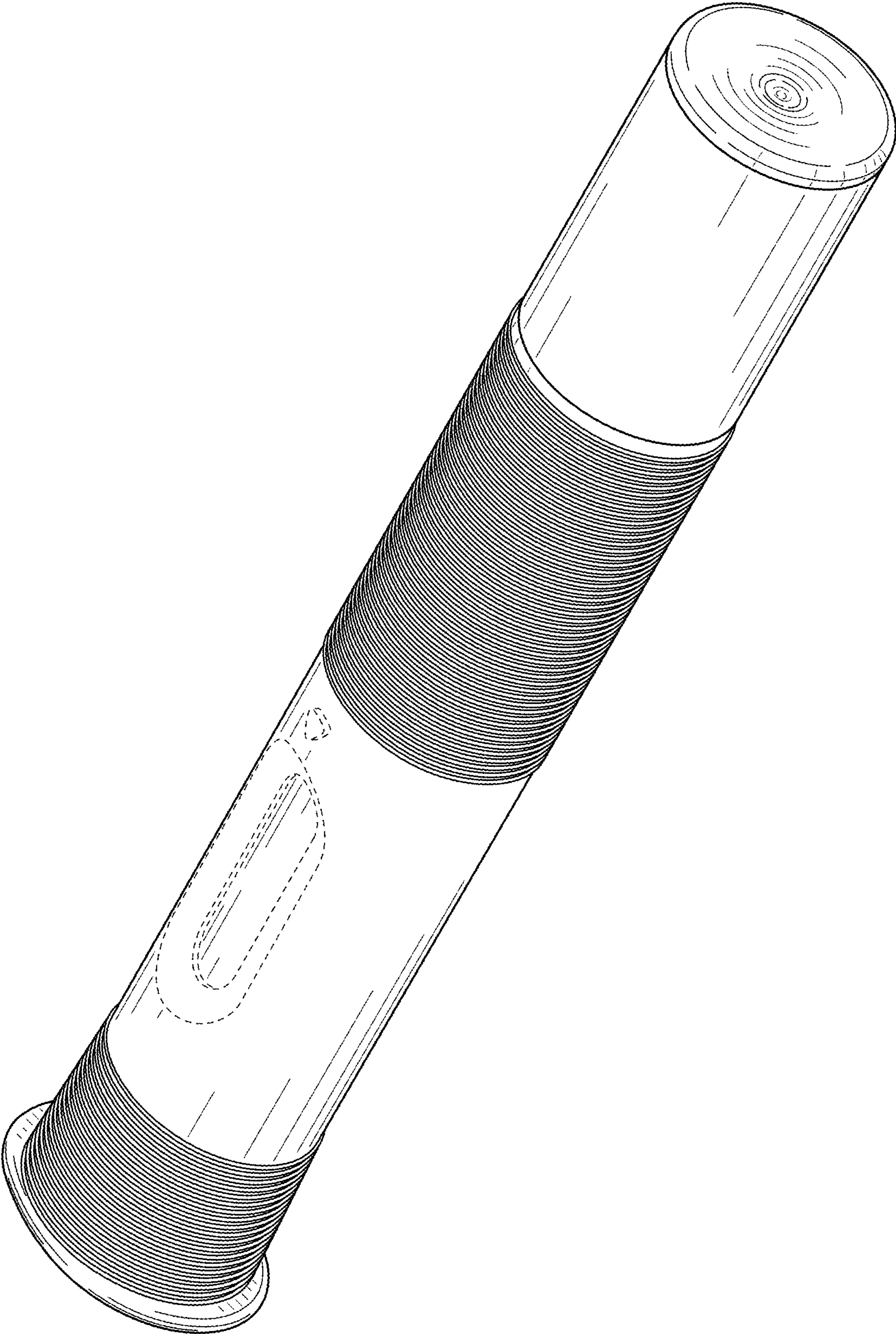


FIG. 1

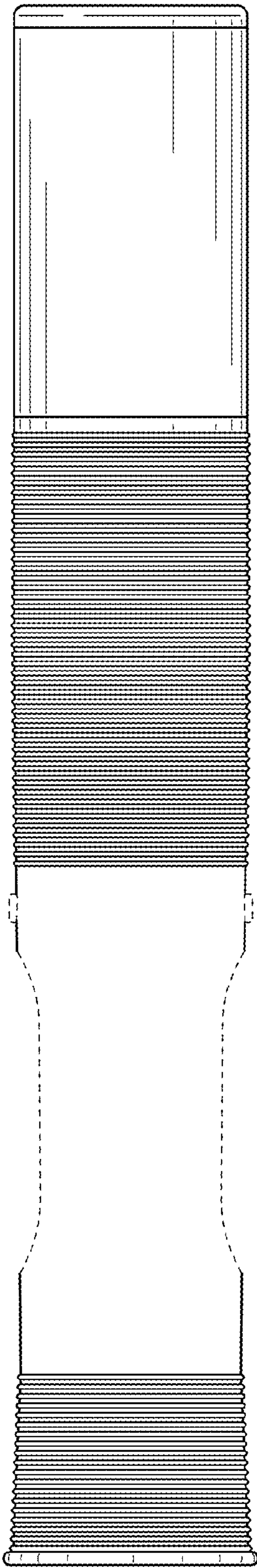


FIG. 2

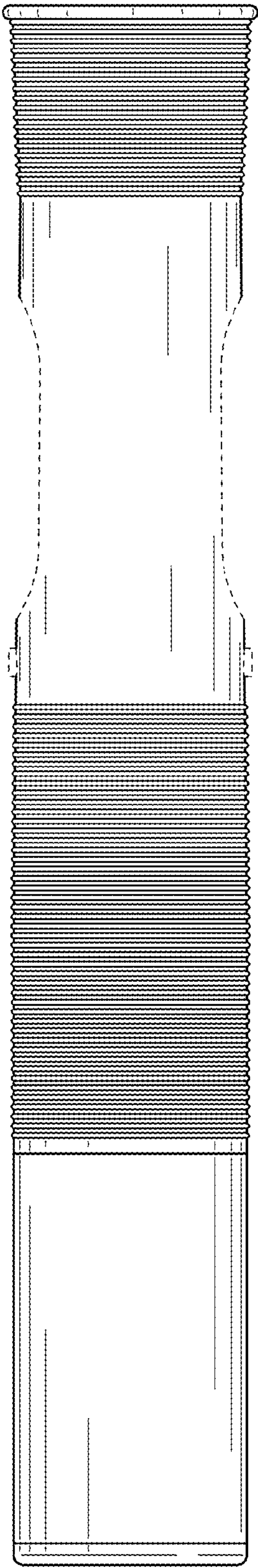


FIG. 3

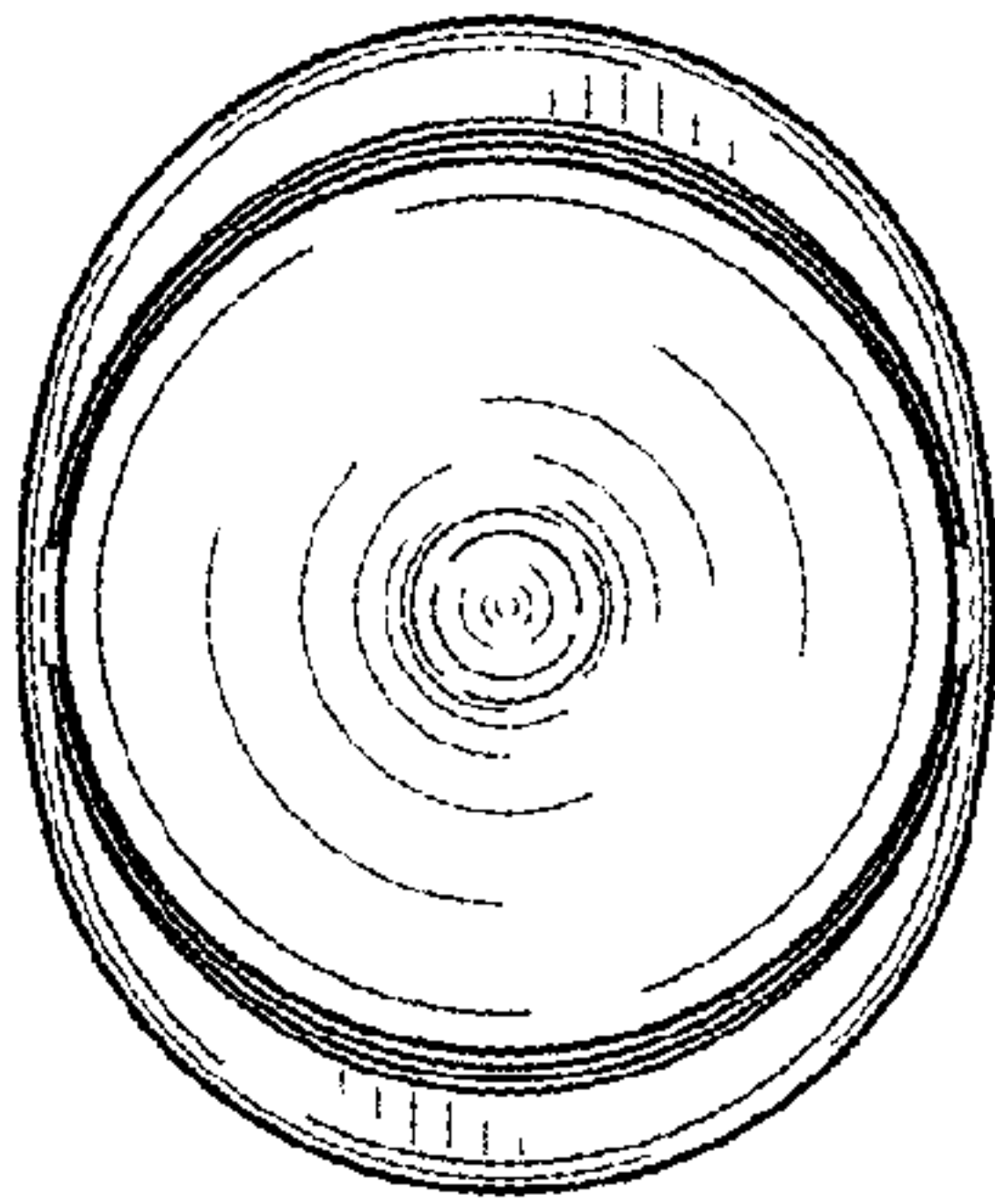


FIG. 4

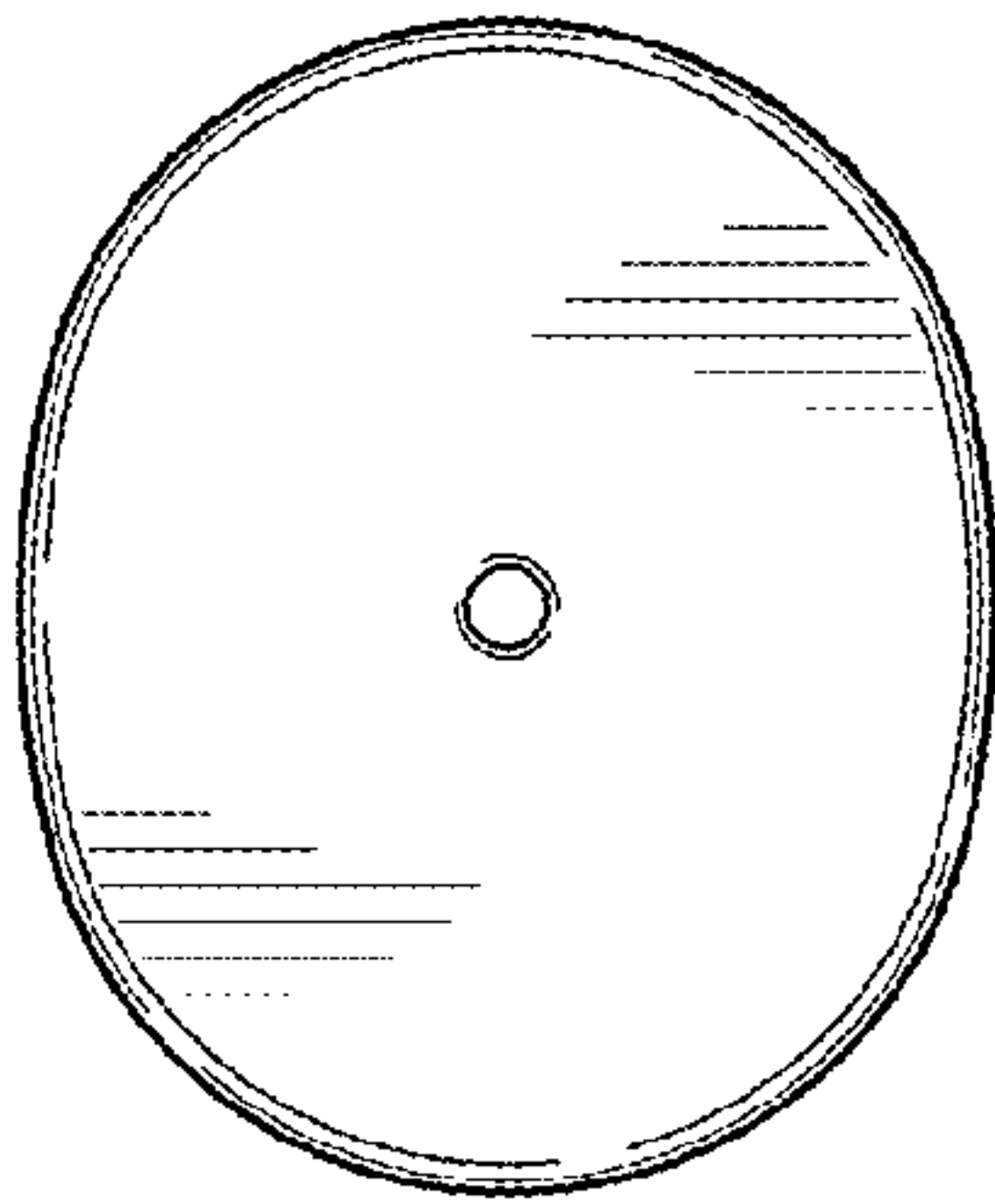


FIG. 5

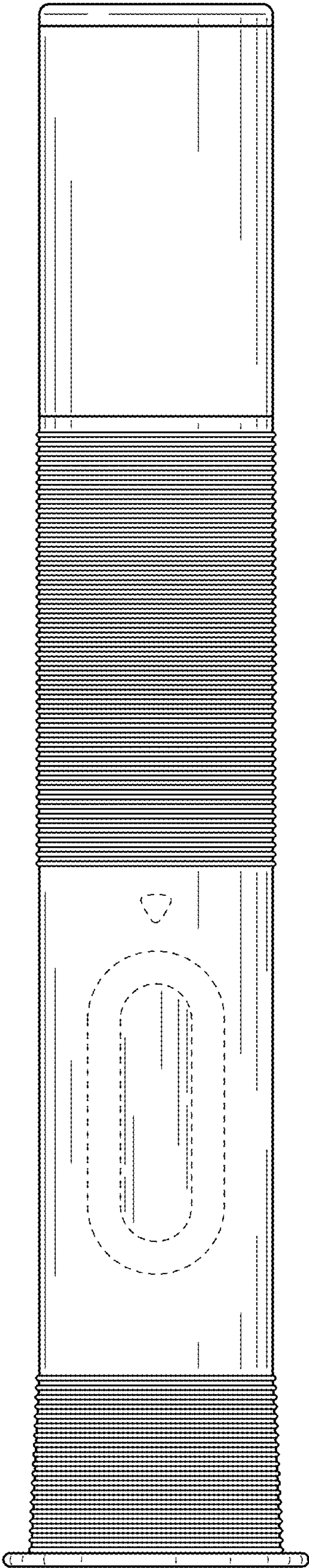


FIG. 6

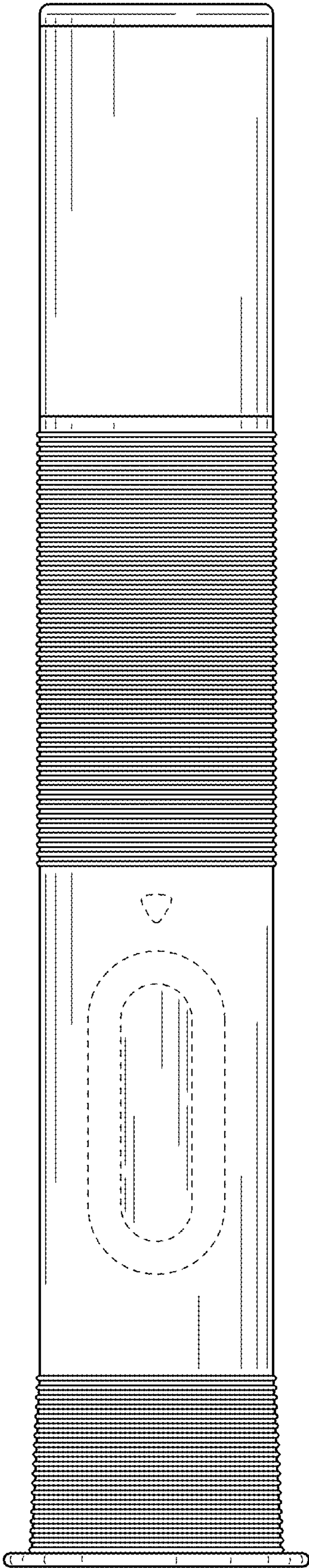


FIG. 7

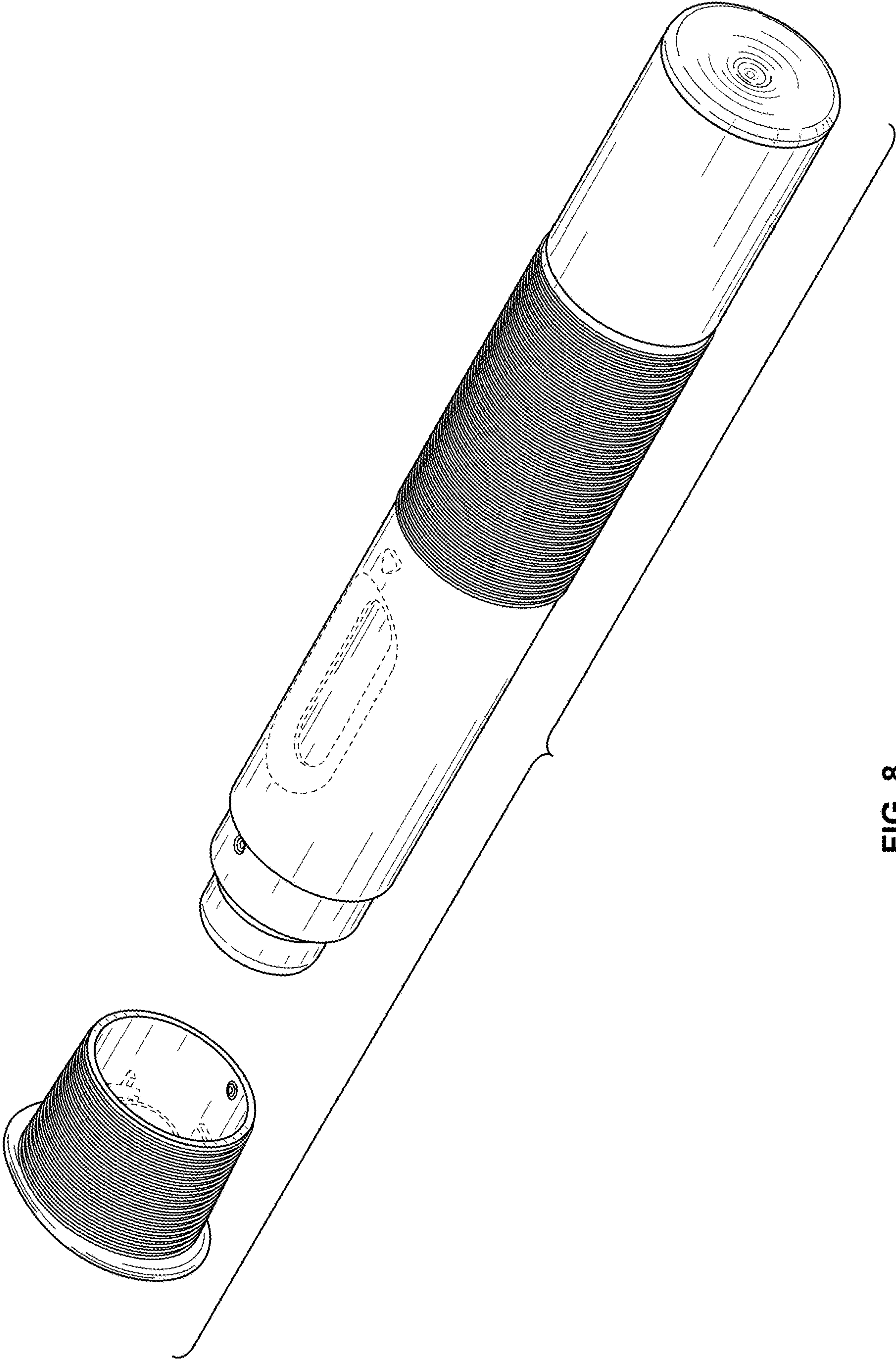


FIG. 8

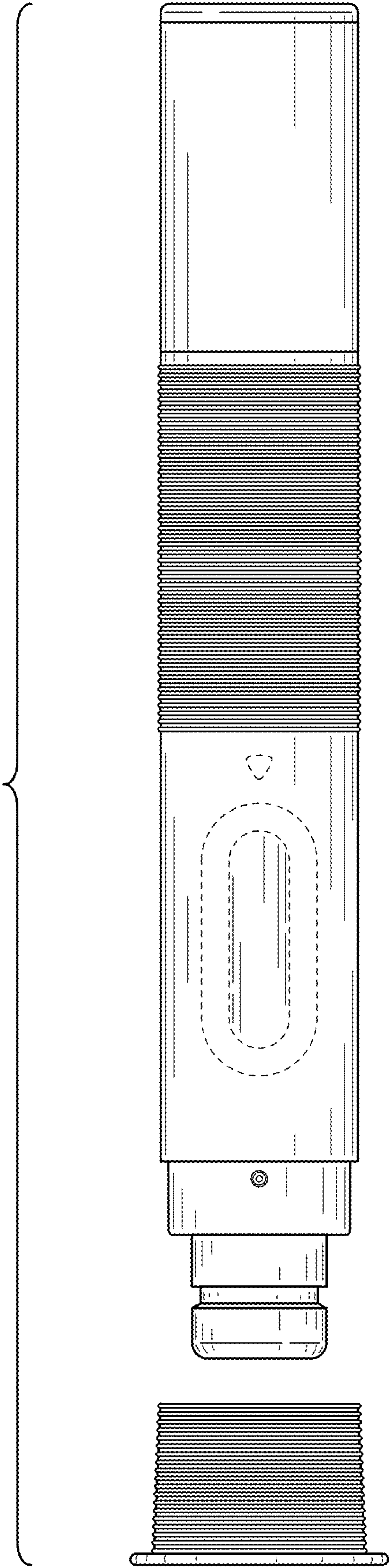


FIG. 9

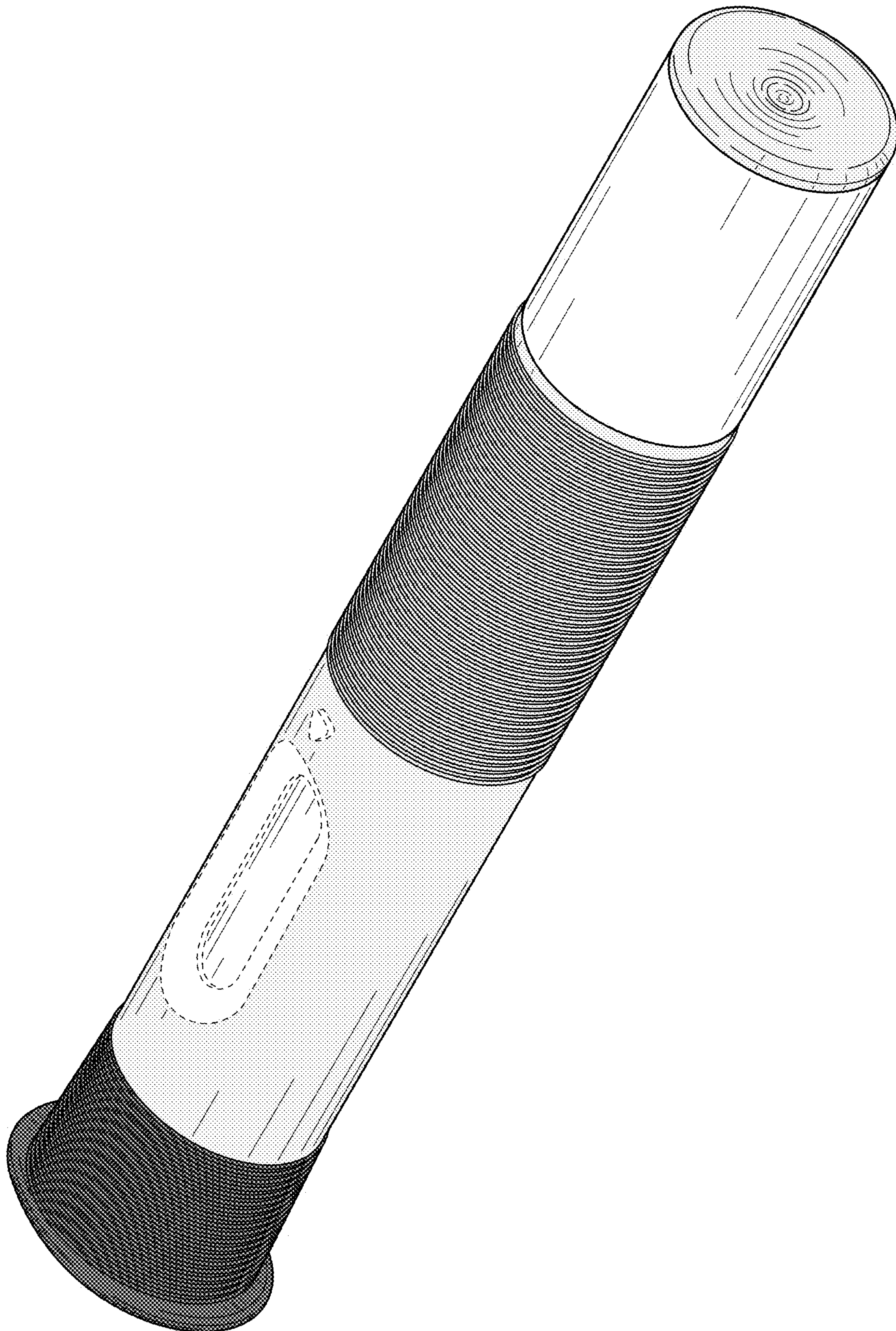


FIG. 10

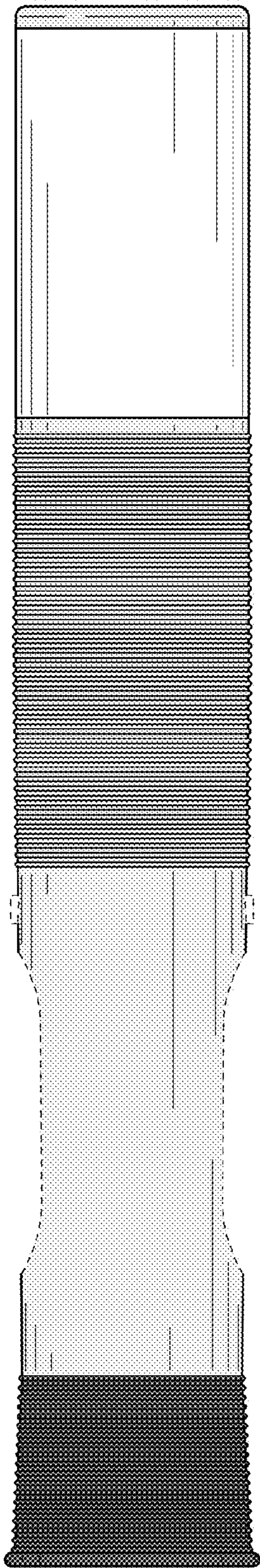


FIG. 11

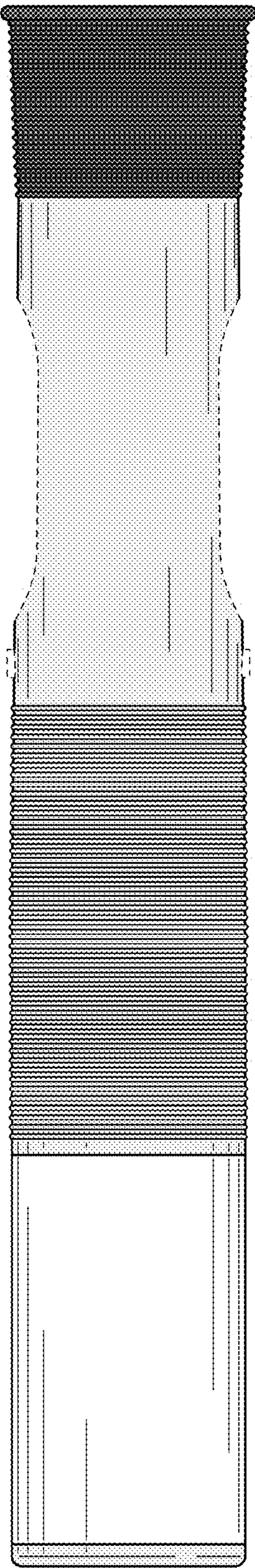


FIG. 12

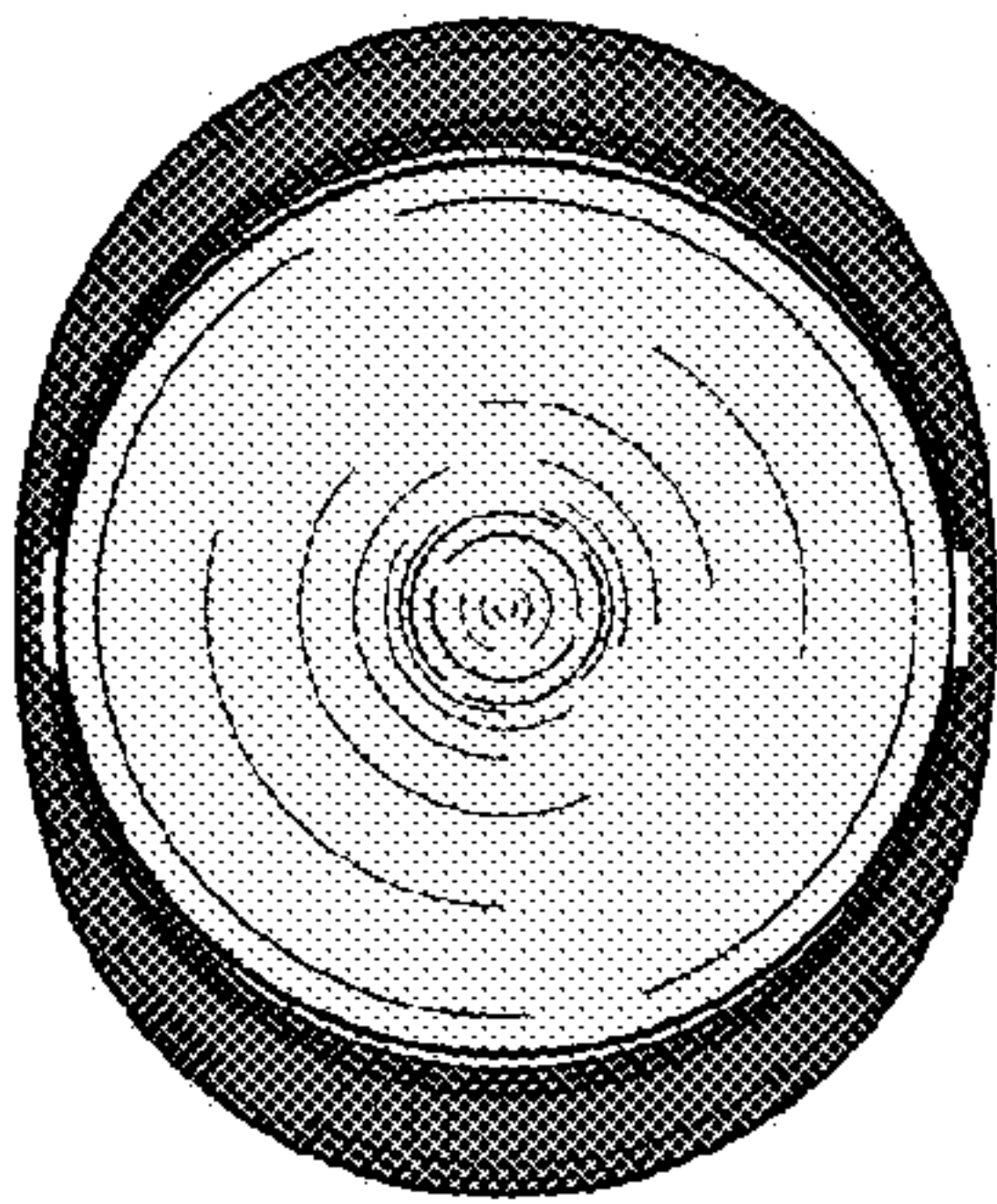


FIG. 13

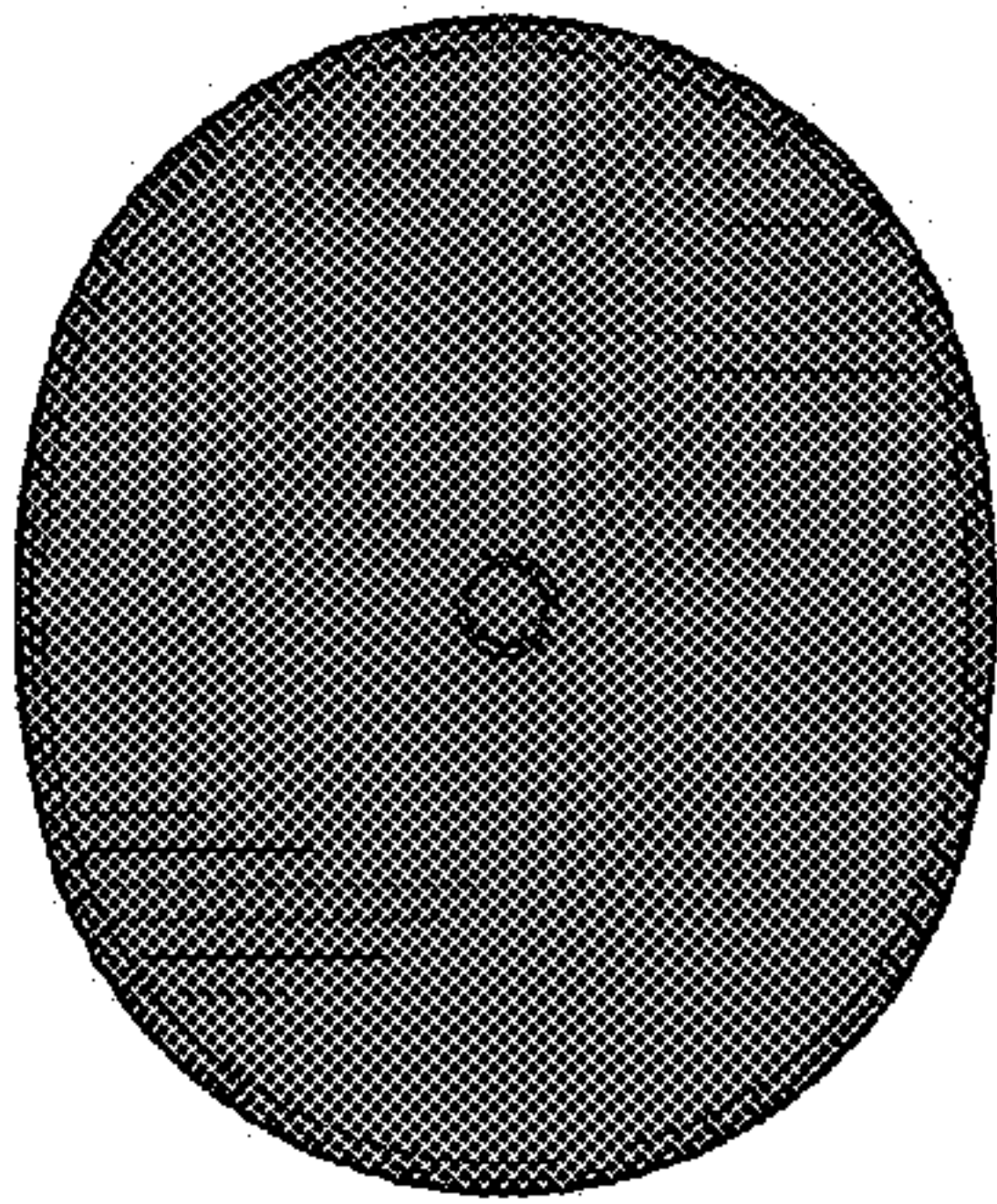


FIG. 14

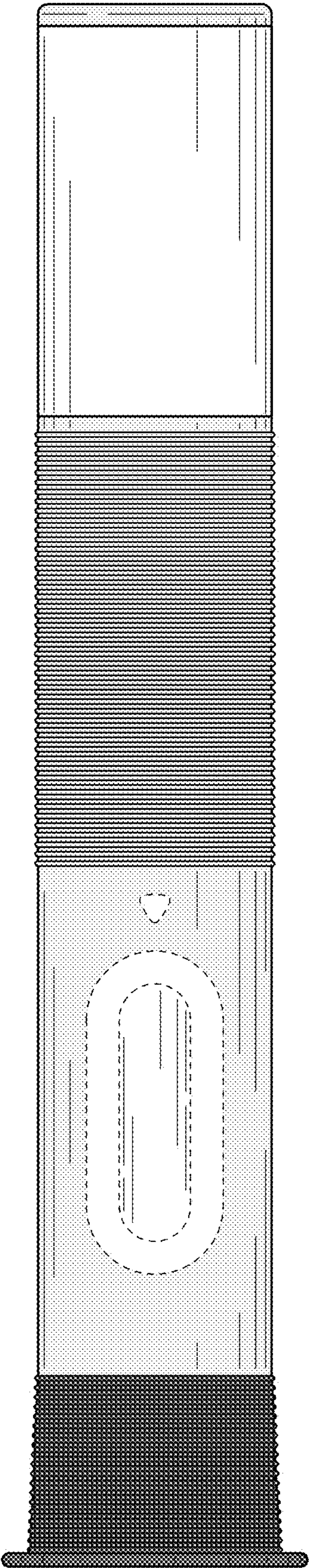


FIG. 15

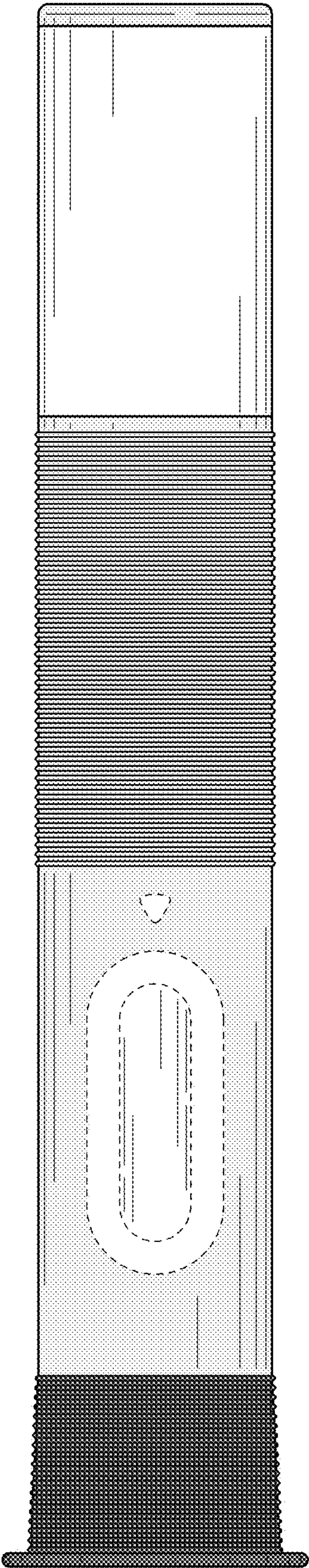


FIG. 16

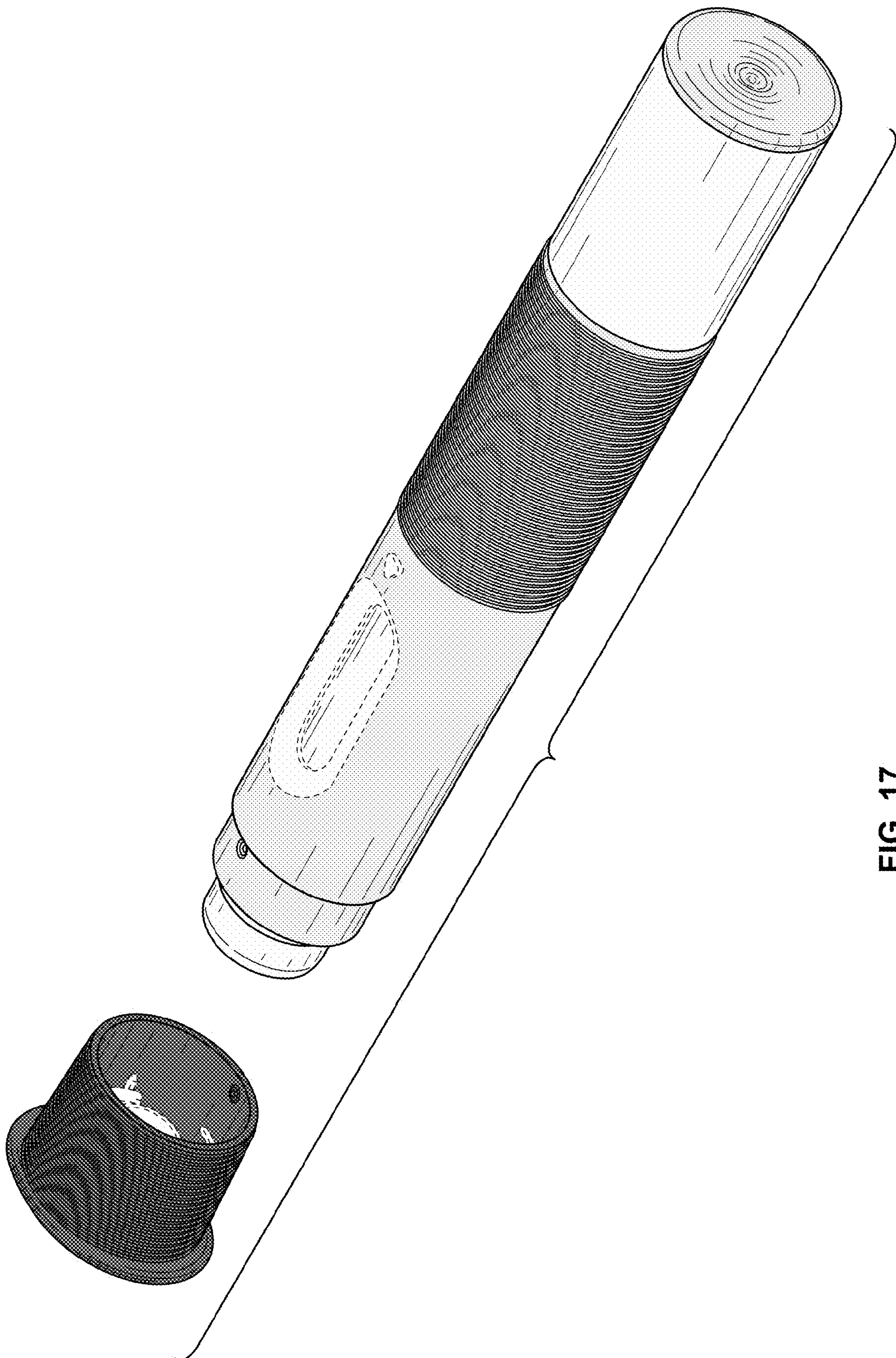


FIG. 17

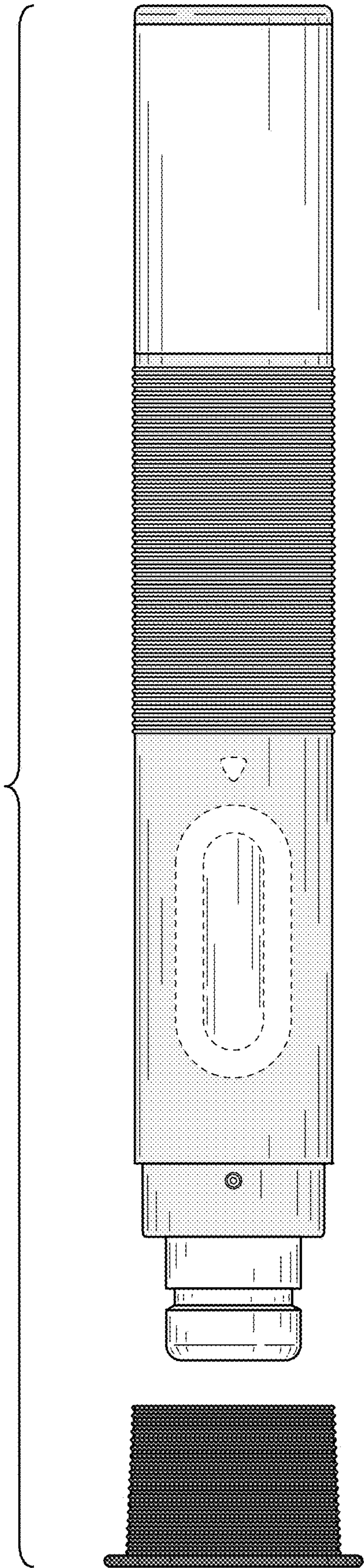


FIG. 18

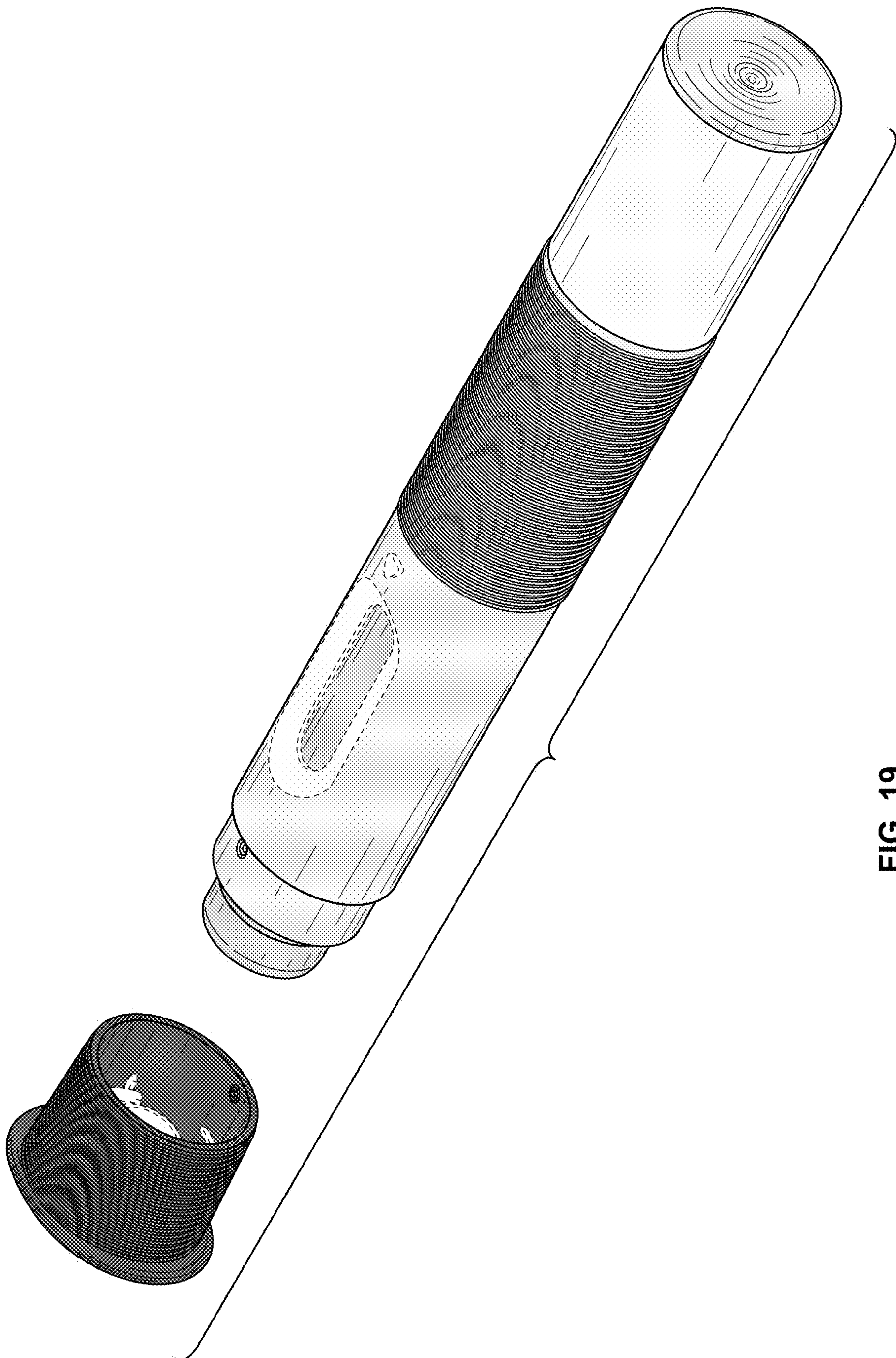


FIG. 19

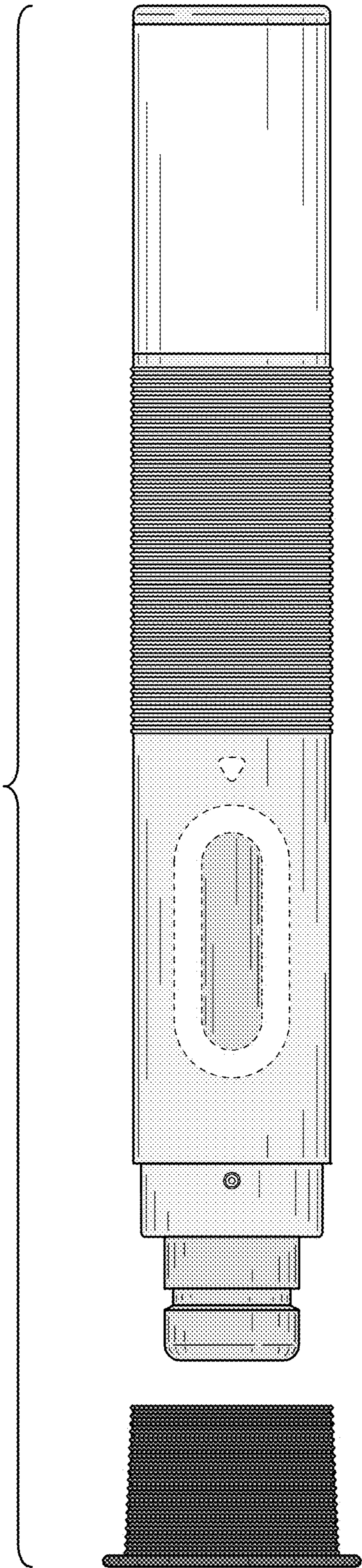


FIG. 20

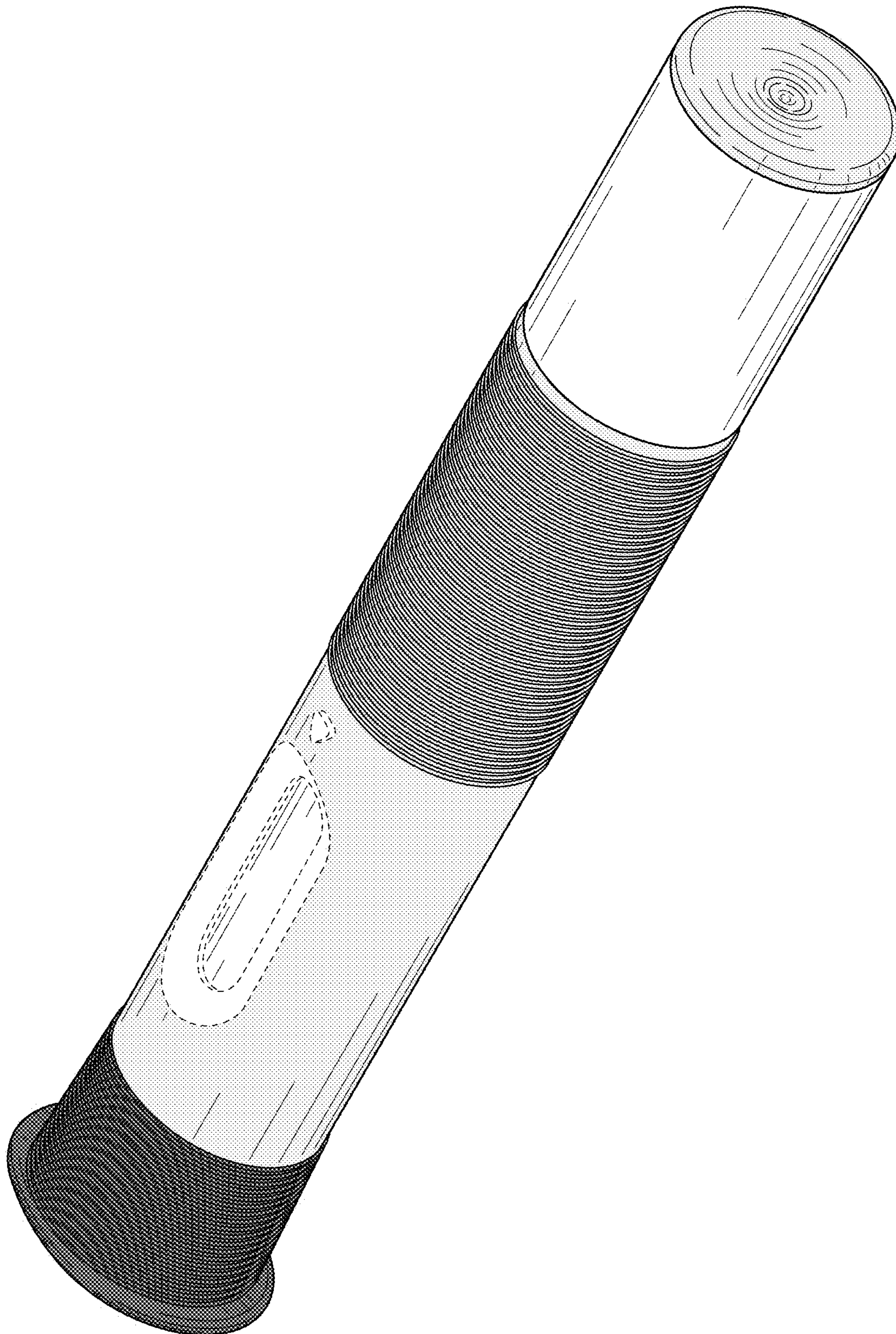


FIG. 21

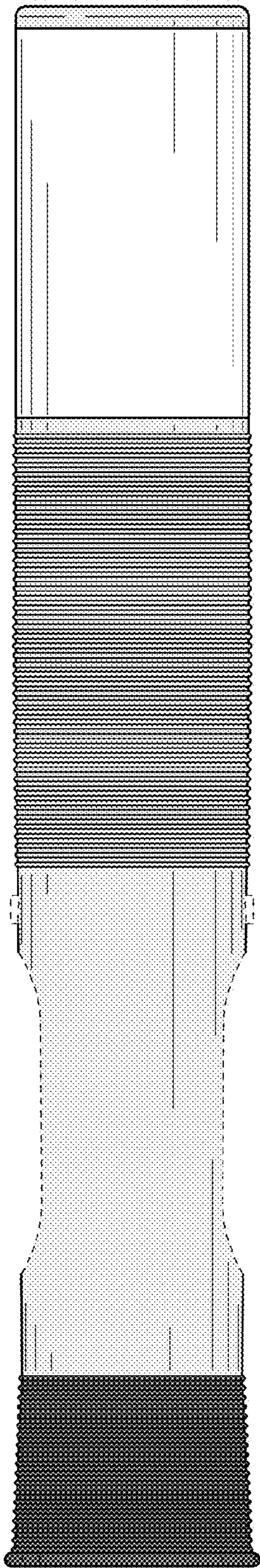


FIG. 22

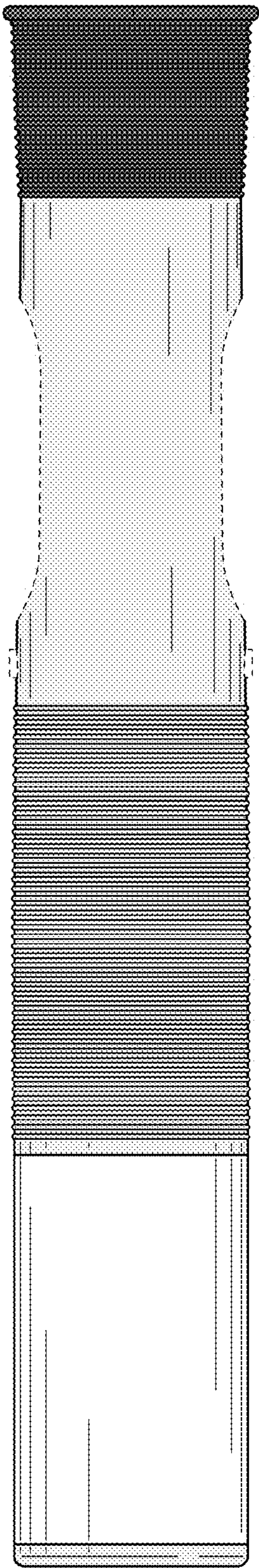


FIG. 23

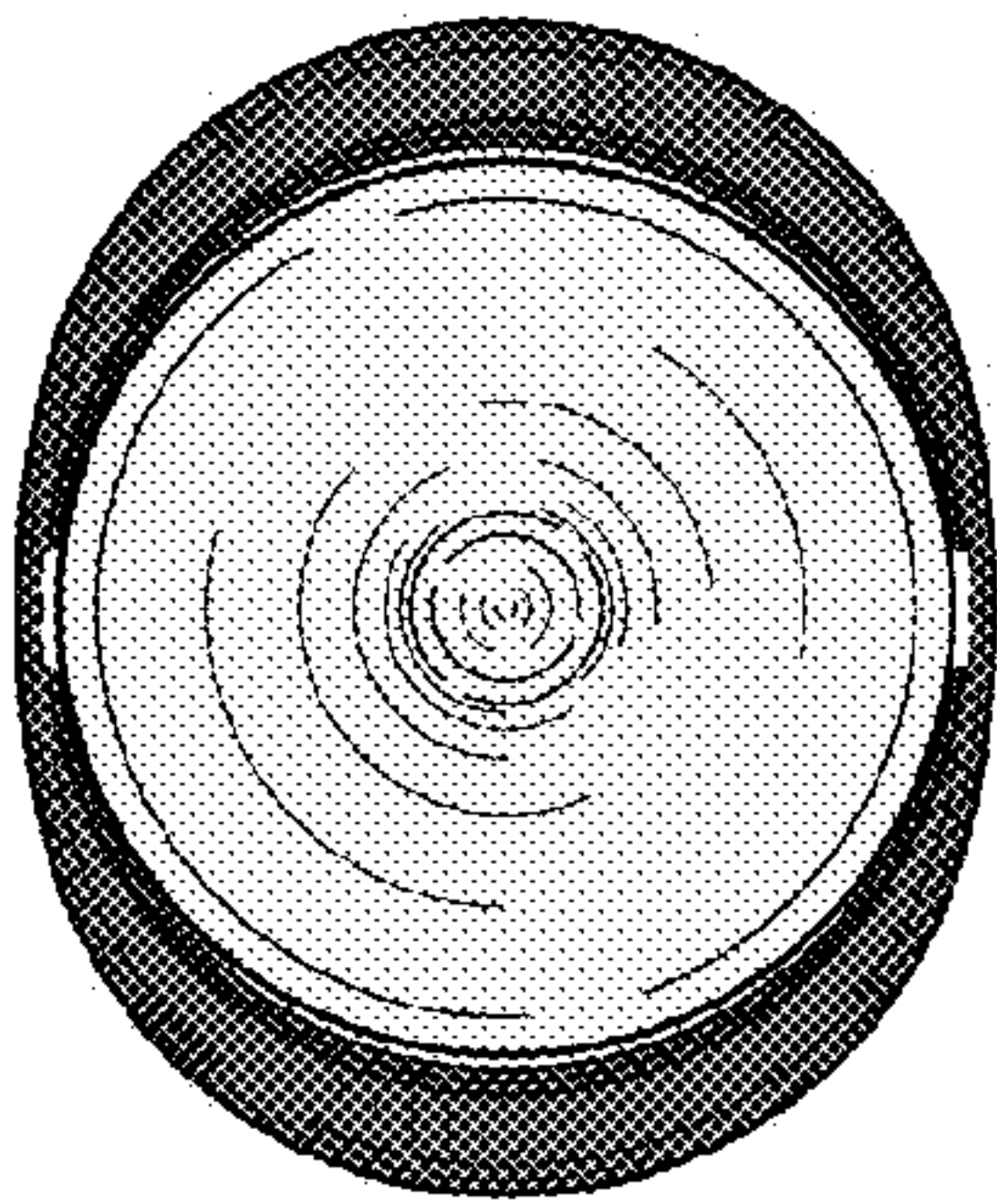


FIG. 24

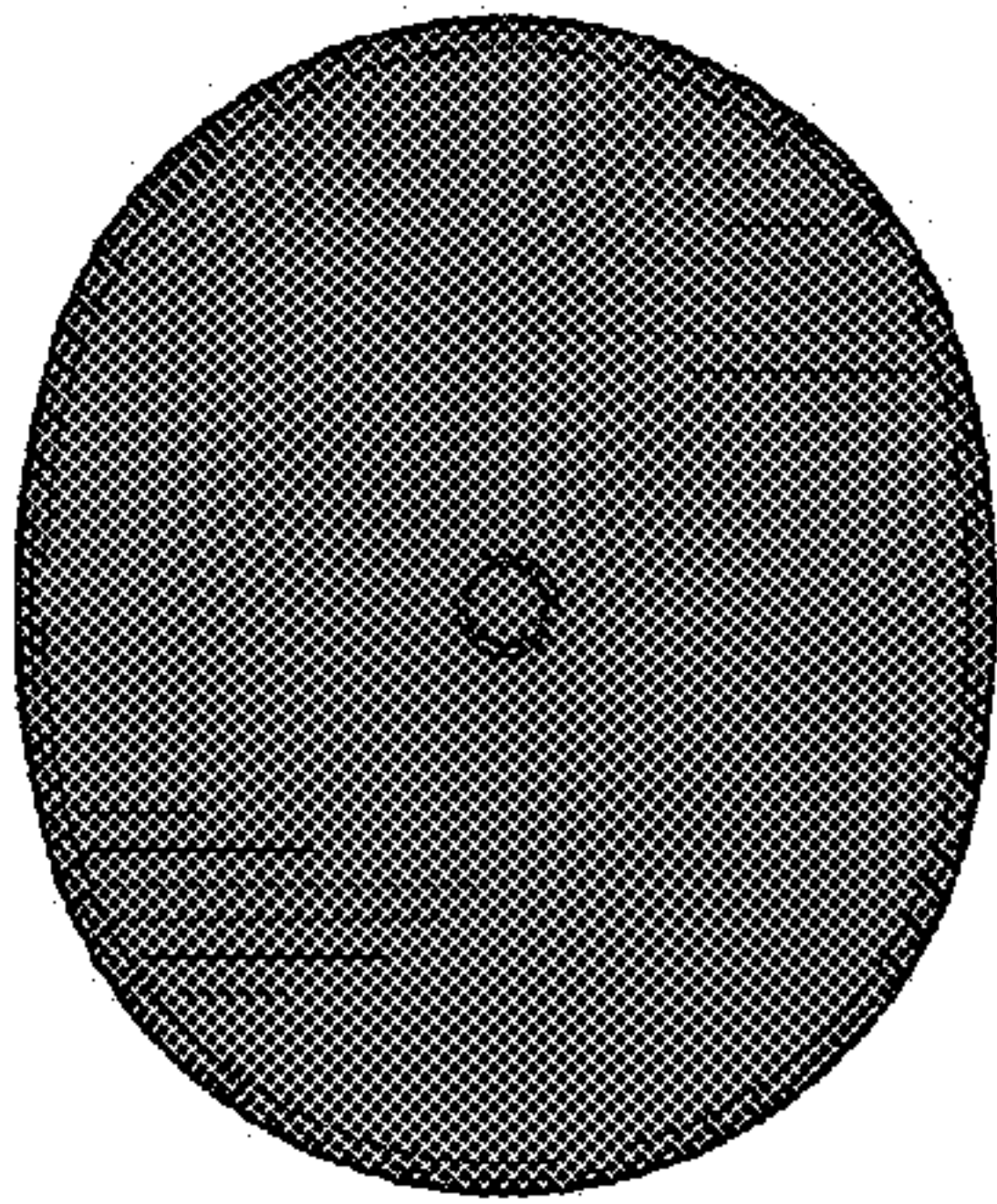


FIG. 25

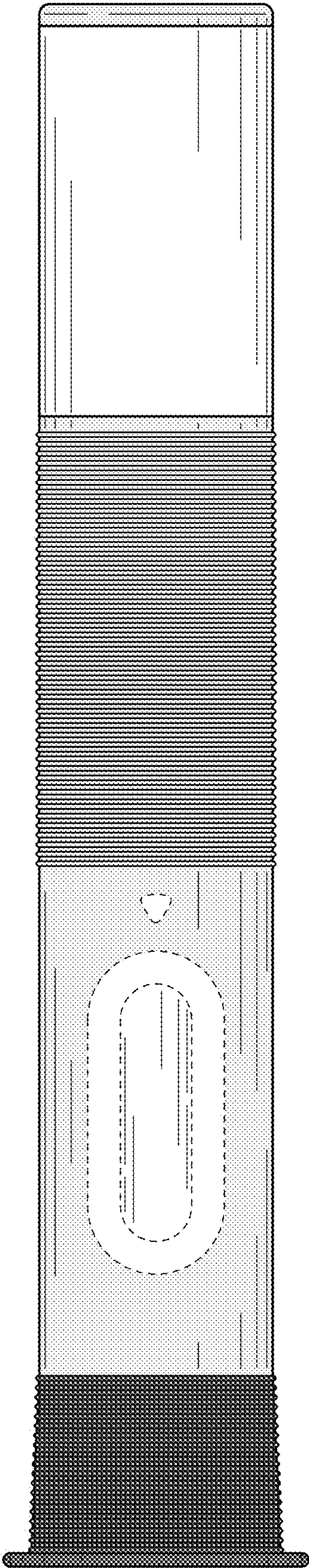


FIG. 26

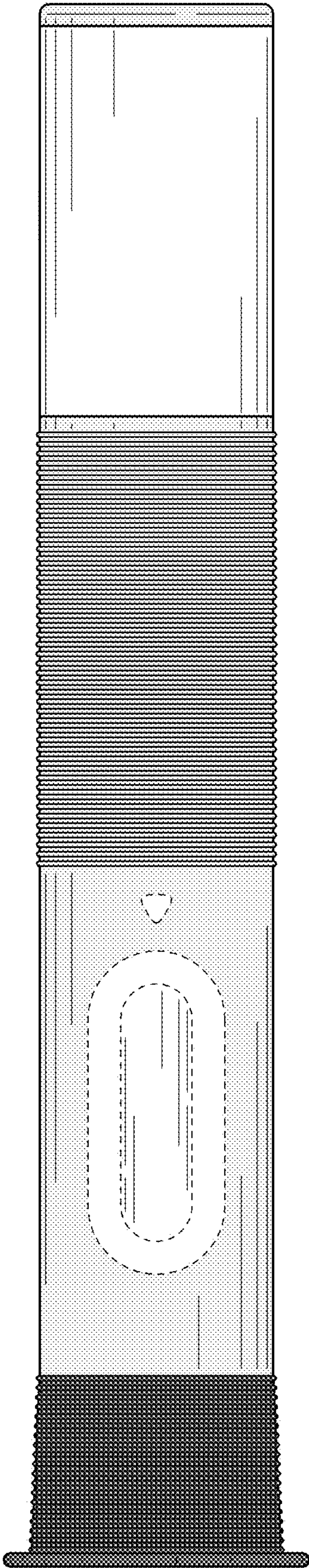


FIG. 27

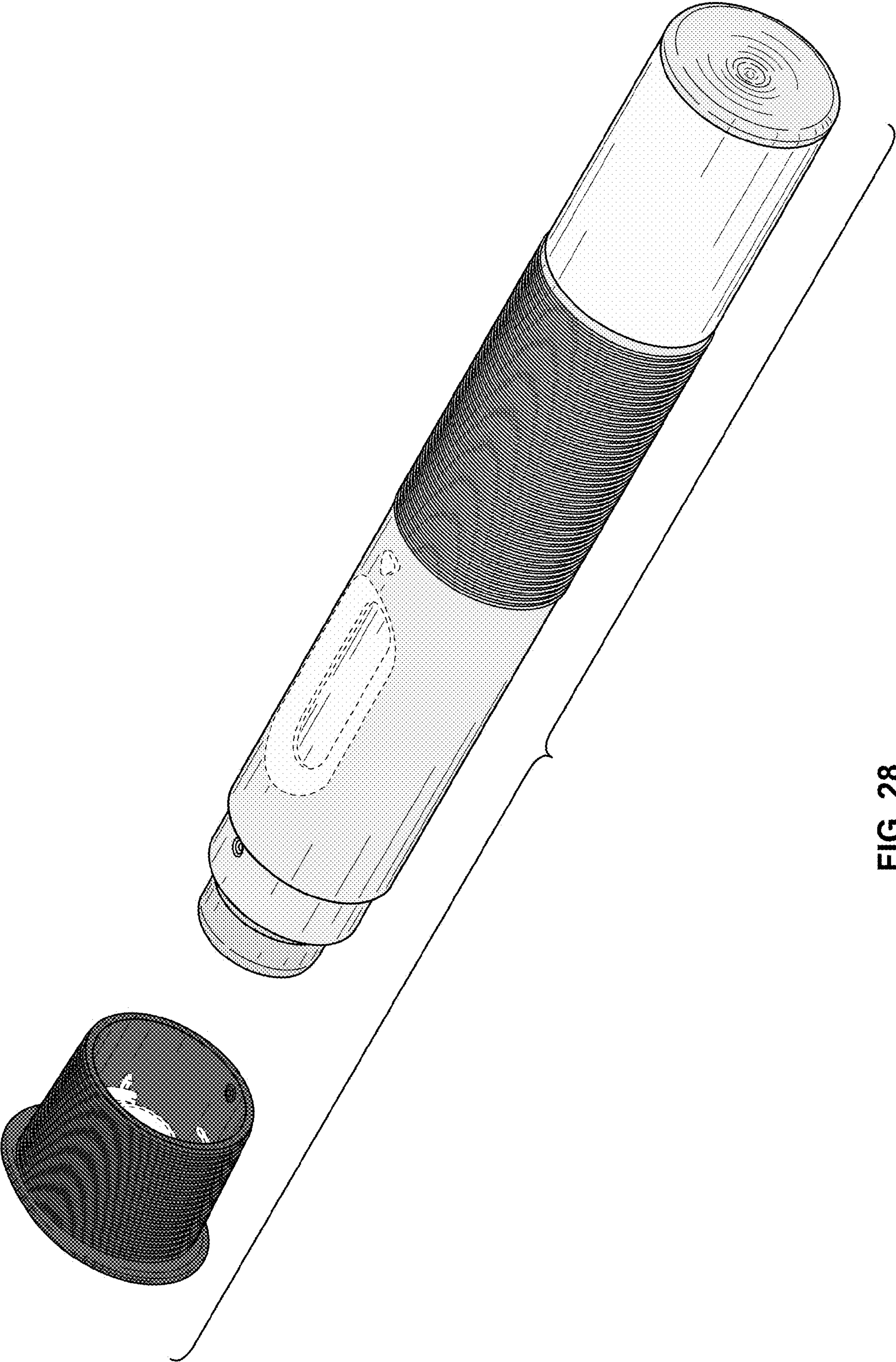


FIG. 28

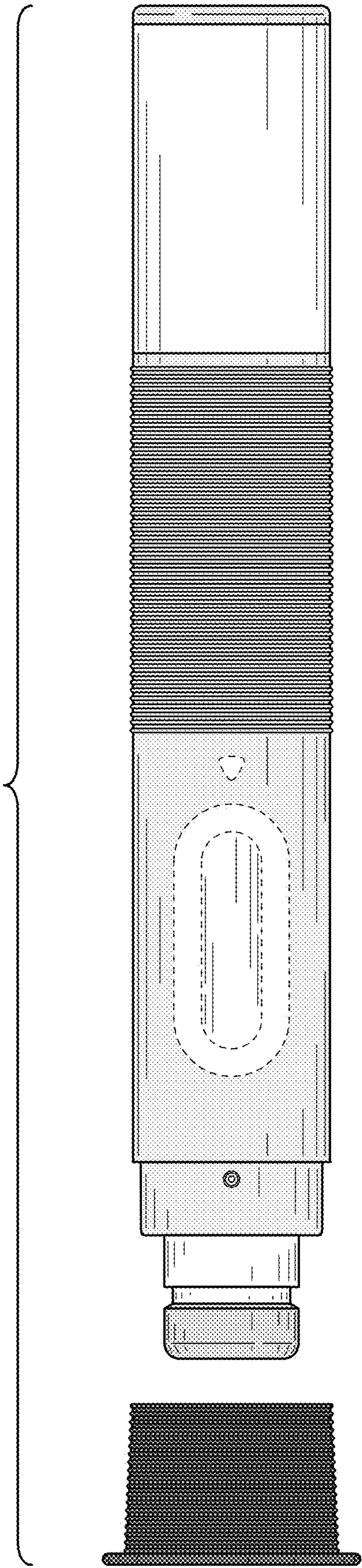


FIG. 29

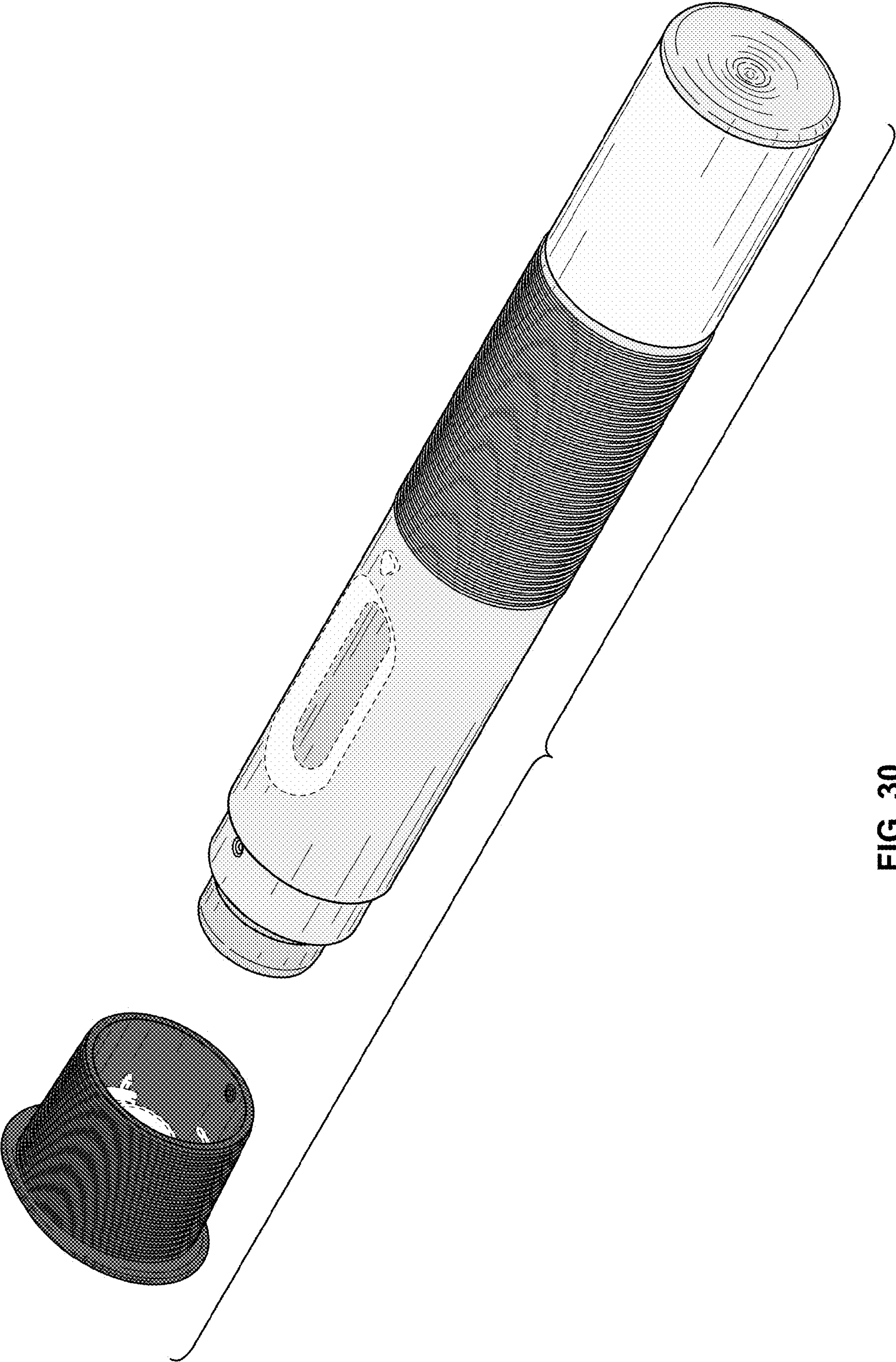


FIG. 30

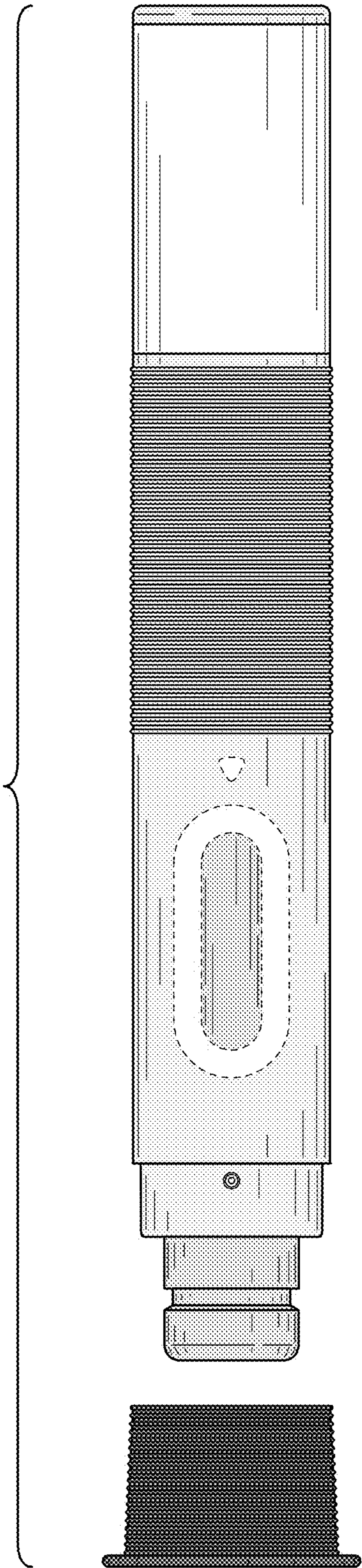


FIG. 31