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(12) **United States Design Patent**  
**Jackson et al.**

(10) **Patent No.:** **US D850,647 S**  
(45) **Date of Patent:** **\*\* Jun. 4, 2019**

(54) **FALSE BOTTOM TUBE WITH CAP AND PLUG**

(71) Applicant: **DNA Genotek Inc.**, Kanata (CA)

(72) Inventors: **Adele Jackson**, Stittsville (CA); **Rafal Michal Iwaszow**, Ottawa (CA); **Jonathan David Liberty**, Toronto (CA); **Lawrence Dickson**, Almonte (CA); **Kenneth Oscar Olson**, Ottawa (CA)

(73) Assignee: **DNA GENOTEK INC.** (CA)

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

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(51) **LOC (11) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/224**

(58) **Field of Classification Search**  
USPC ..... D24/107, 121, 133, 216, 222-230, 233;  
D9/523, 547, 549, 550, 724, 732  
(Continued)

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*Primary Examiner* — Vy N Koenig

(74) *Attorney, Agent, or Firm* — Cook Alex Ltd.

(57) **CLAIM**

The ornamental design for a false bottom tube with cap and plug, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of the false bottom tube with cap and plug illustrating a first embodiment of the present design, with the back view being identical;  
FIG. 2 is a top view of the false bottom tube with cap and plug illustrating the present design as shown in FIG. 1;  
FIG. 3 is a bottom view of the false bottom tube with cap and plug illustrating the present design as shown in FIG. 1;  
FIG. 4 is a left side view of the false bottom tube with cap and plug illustrating the present design as shown in FIG. 1;  
FIG. 5 is a cross-sectional view through line A-A of the false bottom tube with cap and plug as shown in FIG. 4;  
FIG. 6 is a right side view of the false bottom tube with cap and plug illustrating the present design as shown in FIG. 1;  
FIG. 7 is a cross-sectional view through line B-B of the false bottom tube with cap and plug as shown in FIG. 6;  
FIG. 8 is a perspective view of the false bottom tube with cap and plug illustrating the present design as shown in FIG. 1;  
FIG. 9 is a perspective exploded view of the false bottom tube with cap and plug illustrating the present design as shown in FIG. 1;  
FIG. 10 is a front view of the false bottom tube with cap and plug illustrating a second embodiment of the present design, with the back view being identical;  
FIG. 11 is a top view of the false bottom tube with cap and plug as shown in FIG. 10;  
FIG. 12 is a bottom view of the false bottom tube with cap and plug as shown in FIG. 10;  
FIG. 13 is a left view of the false bottom tube with cap and plug as shown in FIG. 10;  
FIG. 14 is a cross-sectional view through line D-D of the false bottom tube with cap and plug as shown in FIG. 13;  
FIG. 15 is a right side view of the false bottom tube with cap and plug illustrating the present design as shown in FIG. 10;  
FIG. 16 is a cross-sectional view through line E-E of the false bottom tube with cap and plug as shown in FIG. 15;

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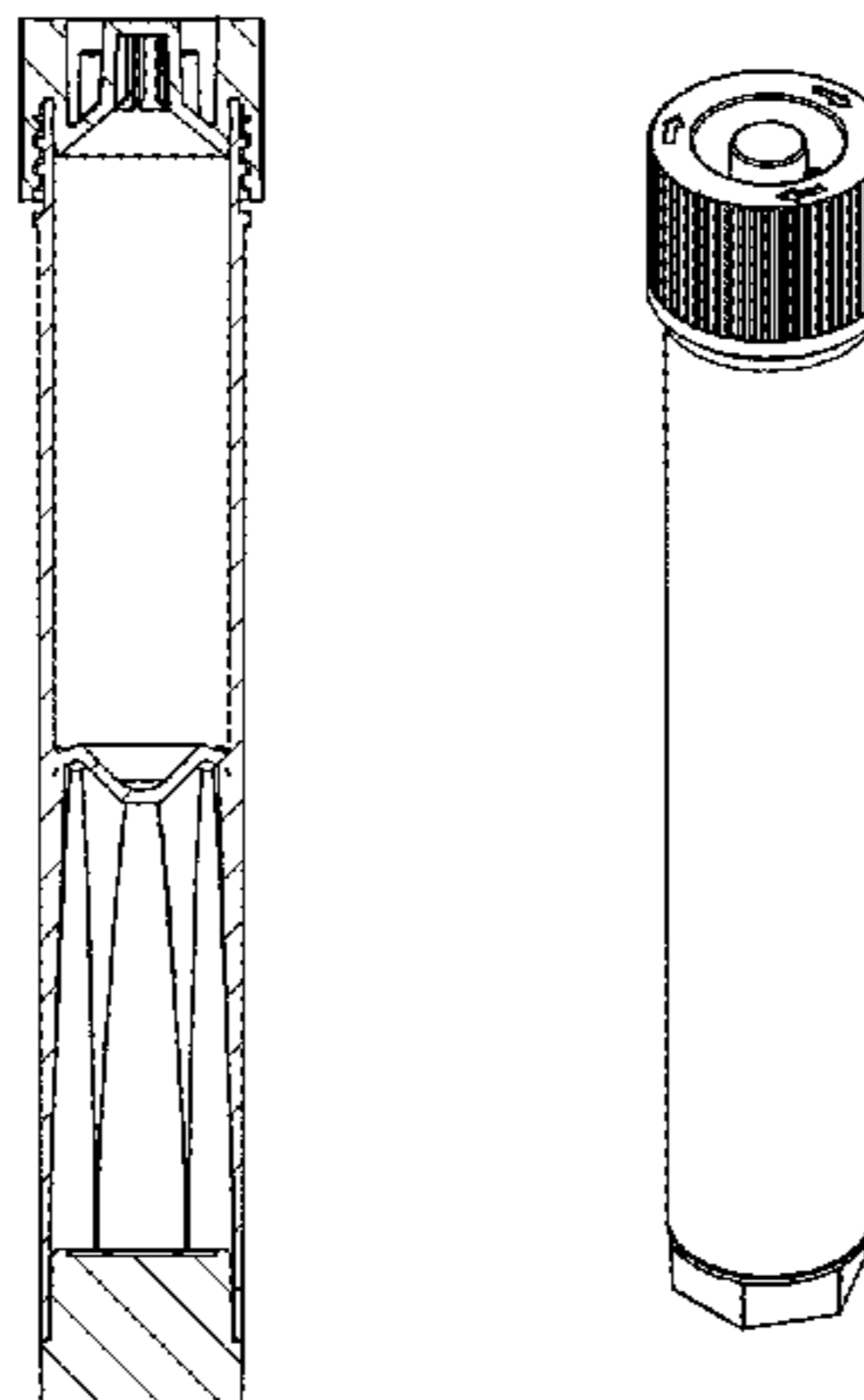


FIG. 17 is a perspective view of the false bottom tube with cap and plug illustrating the present design as shown in FIG. 10; and,

FIG. 18 is a perspective exploded view of the false bottom tube with cap and plug illustrating the present design as shown in FIG. 10.

**1 Claim, 18 Drawing Sheets**

(58) **Field of Classification Search**

CPC ..... B01F 13/0025; B01J 2219/00292; B01J 2220/64; B01L 3/14; B01L 3/021-3/0237; B01L 3/505-3/50825; B01L 3/52-3/523; G01F 11/02

See application file for complete search history.

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Jun. 6, 2017 Office Action, JP Design No. 1584912 (issued); (substantive portions of Jun. 6, 2017 office actions for each of JP Design Nos. 15814718, 1584911 and 1584912 are the same; for English translation of substantive portion of JP Design No. 1584911 see English translation of Jun. 6, 2017 office action for JP Design No. 15814718).

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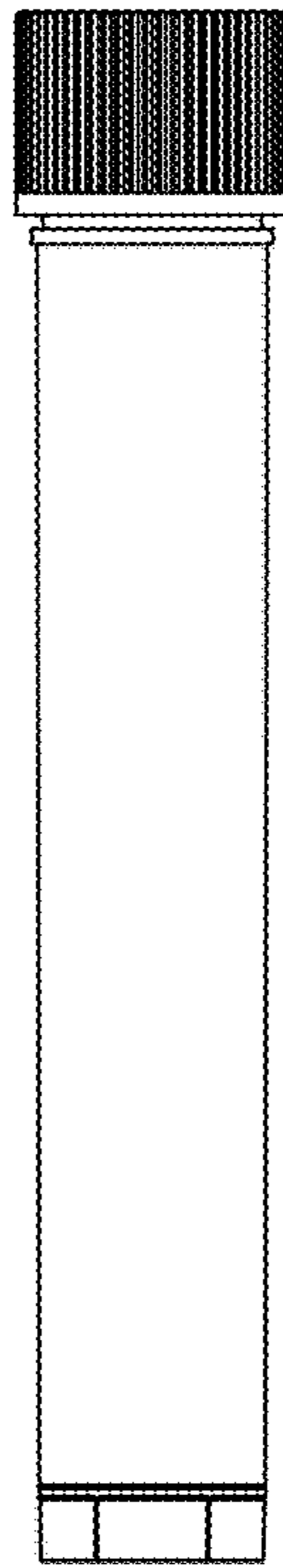


Figure 1

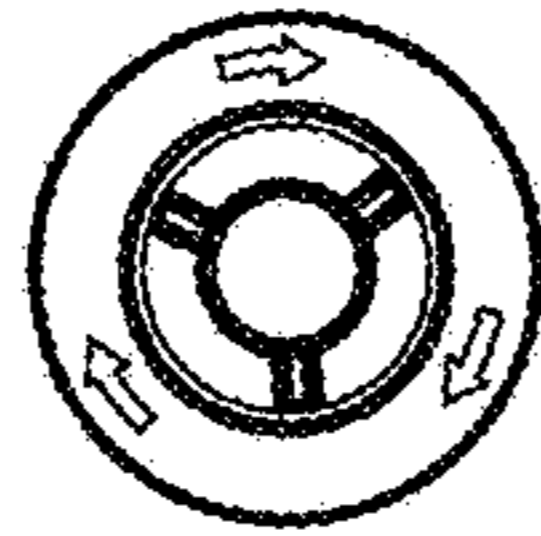


Figure 2

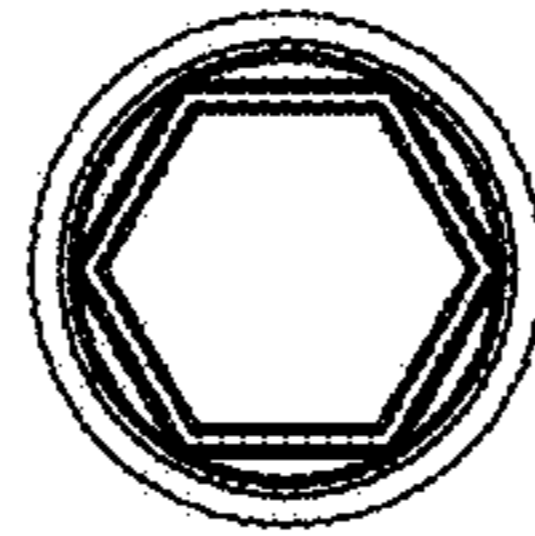


Figure 3

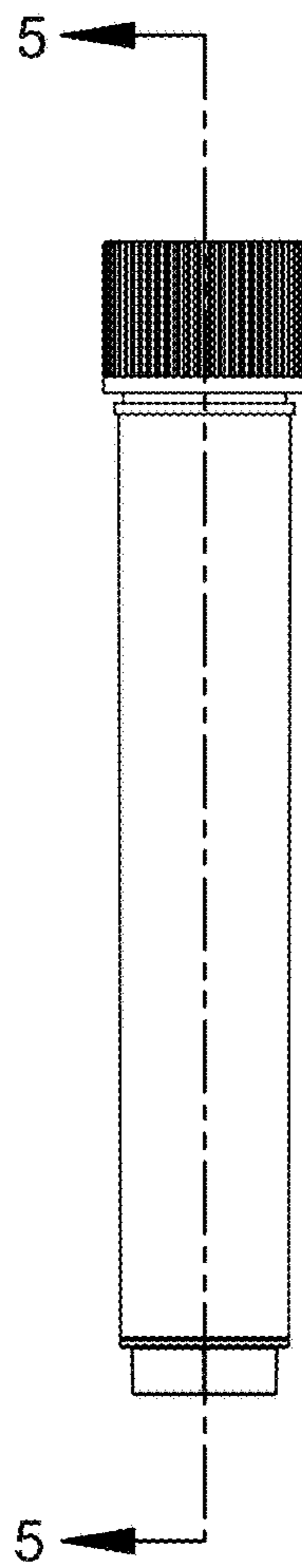


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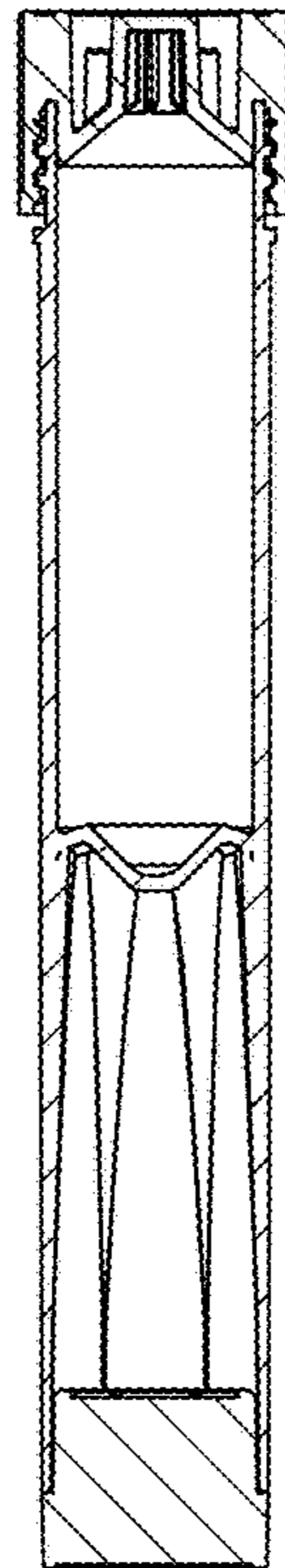


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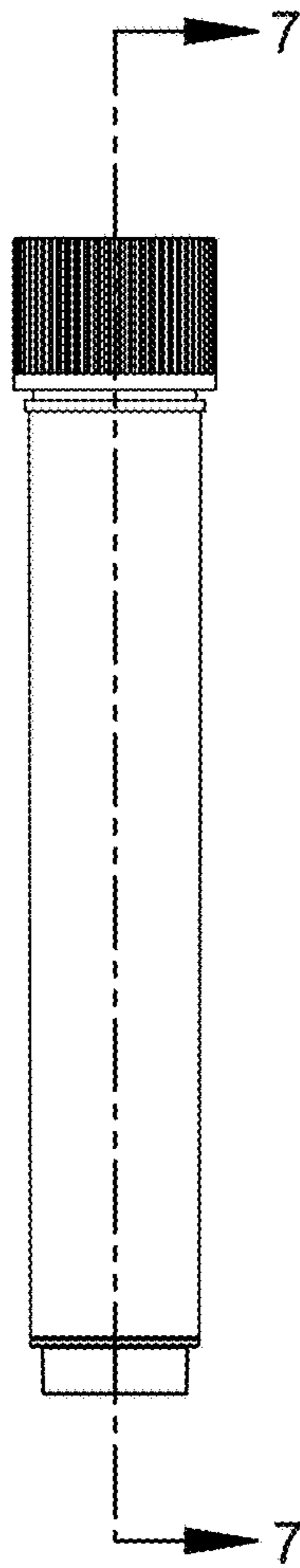


Figure 6



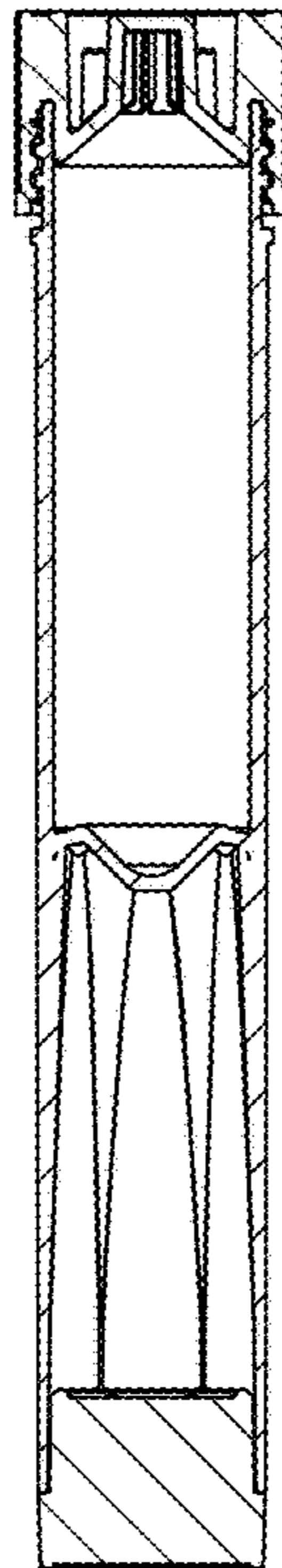


Figure 7

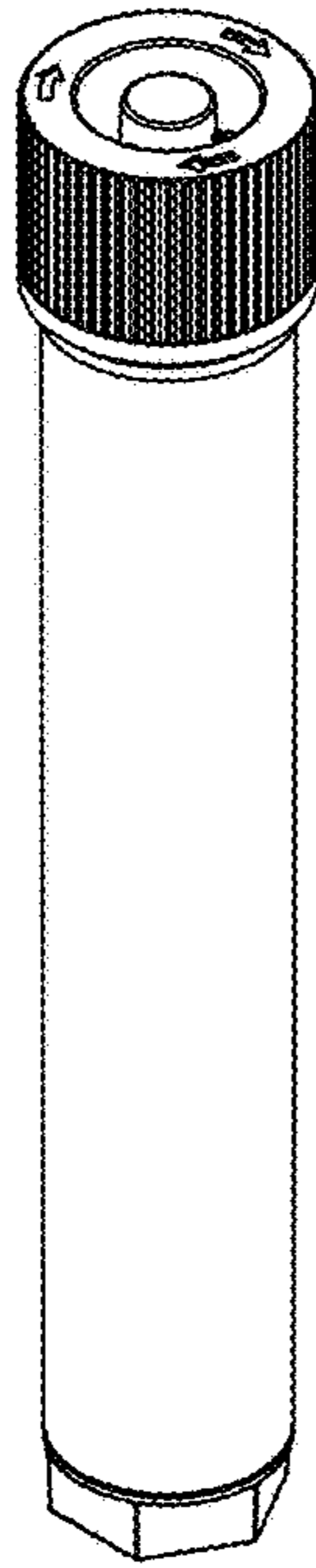


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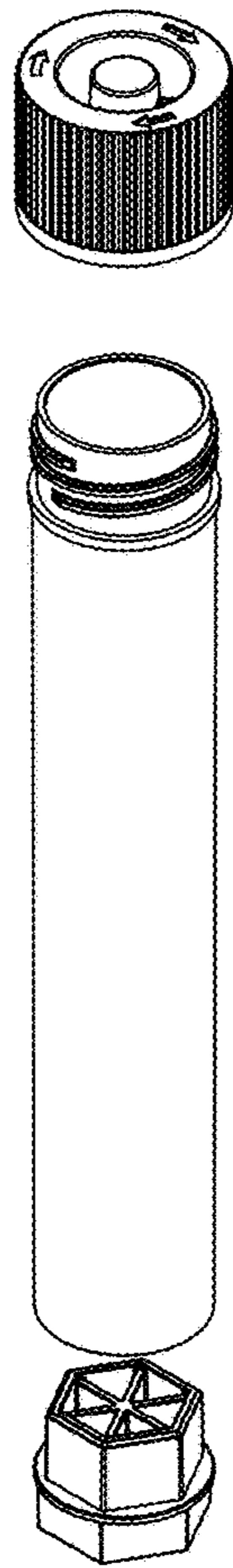


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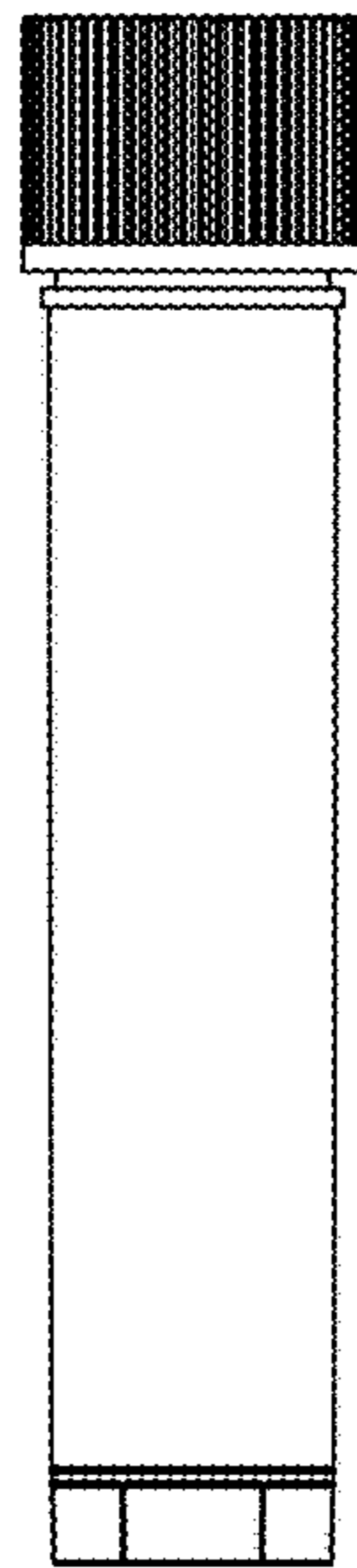


Figure 10

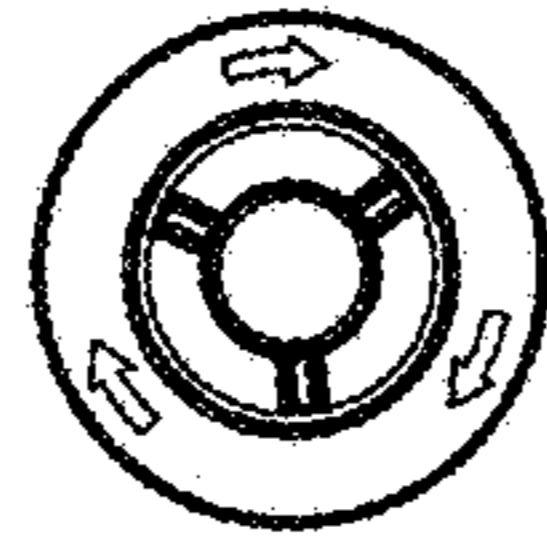


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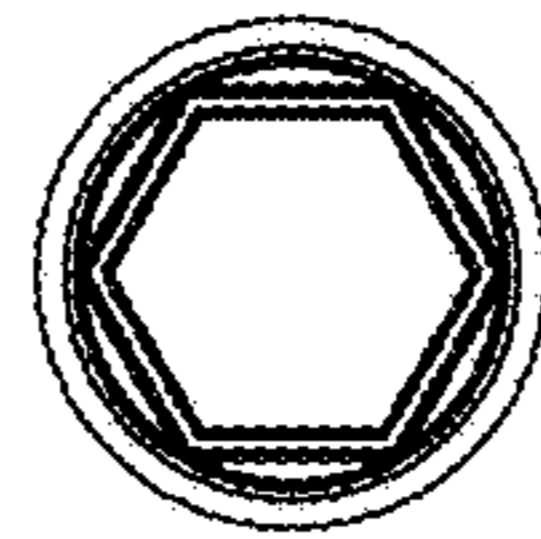


Figure 12

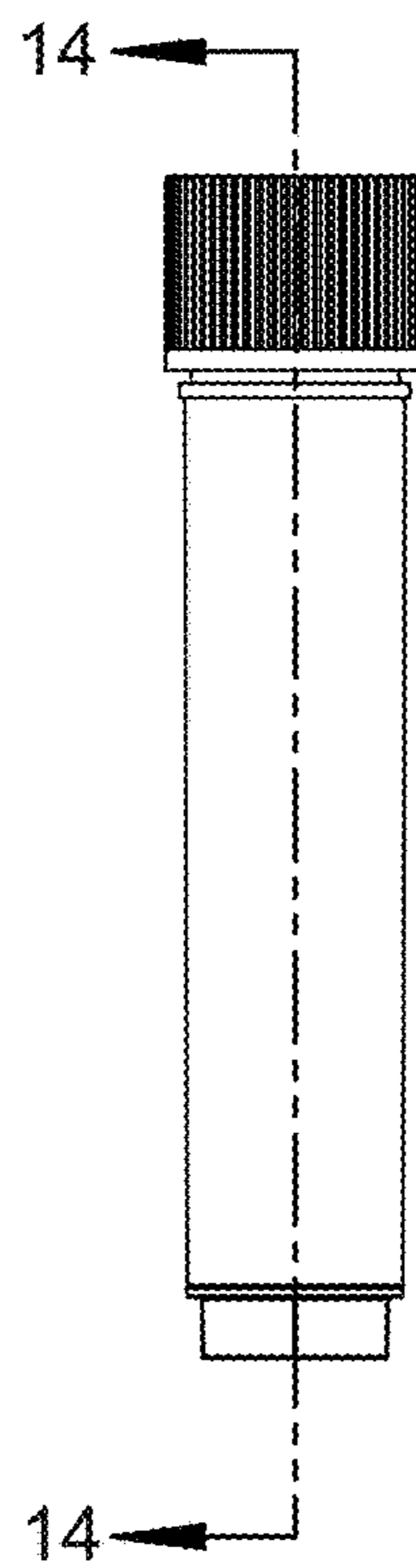


Figure 13



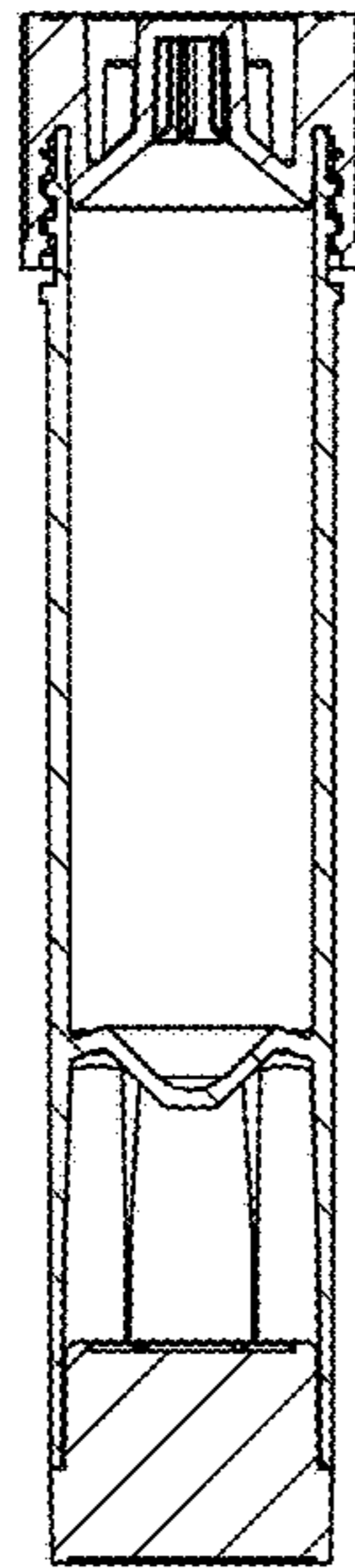


Figure 14

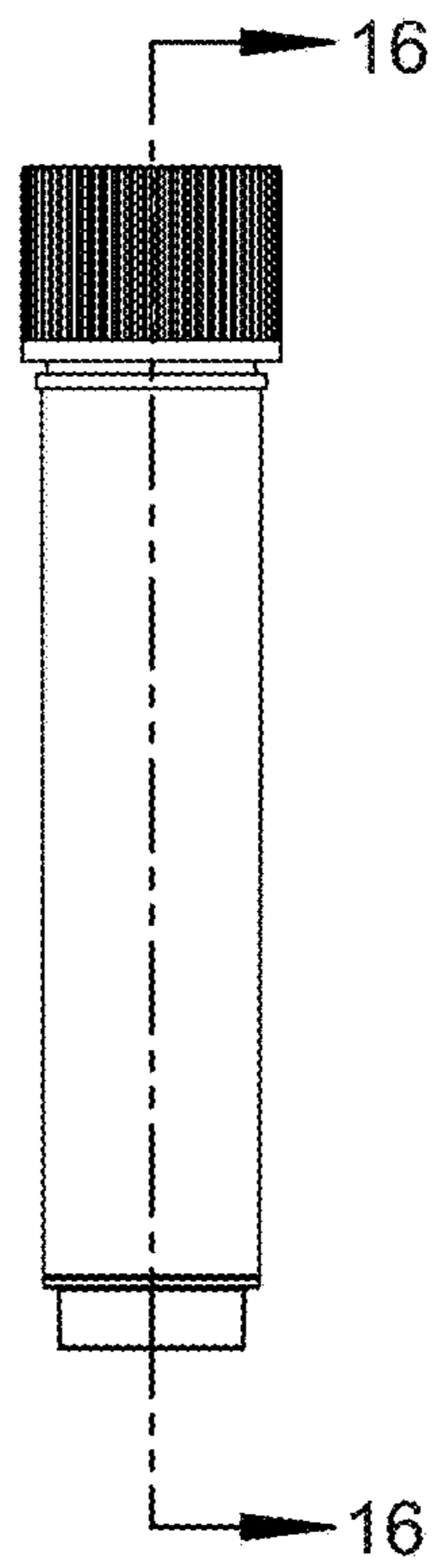


Figure 15

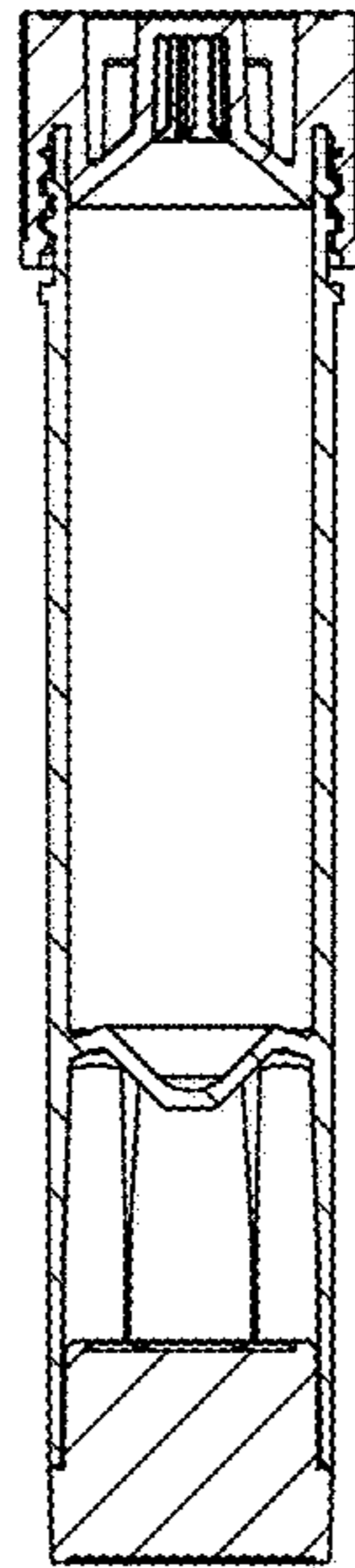


Figure 16

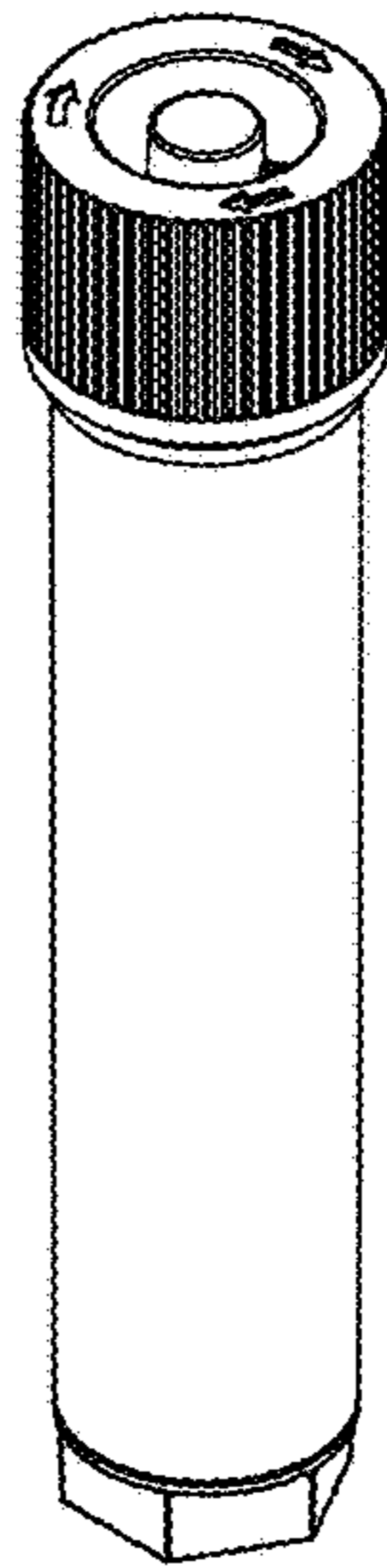


Figure 17

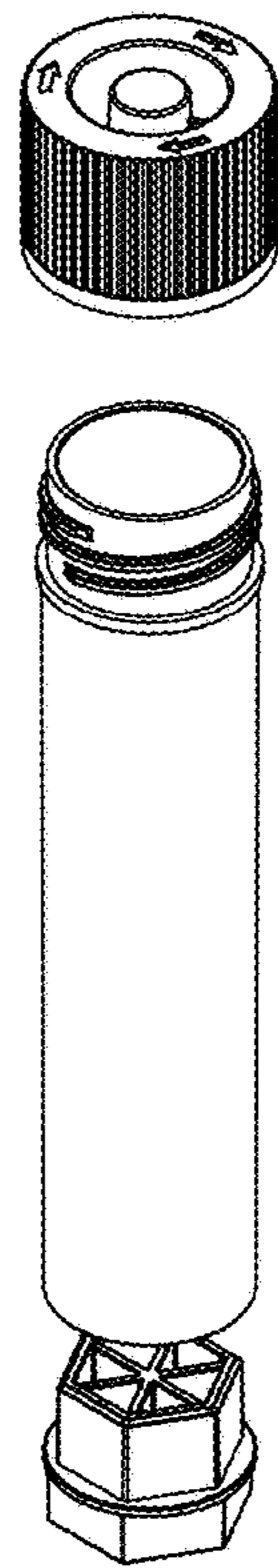


Figure 18