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(12) **United States Design Patent** (10) **Patent No.:** **US D843,554 S**  
**Engelhard** (45) **Date of Patent:** **\*\* \*Mar. 19, 2019**

(54) **AIR PURIFIER**

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(\*) Notice: This patent is subject to a terminal disclaimer.

(\*\*) Term: **14 Years**

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(51) **LOC (11) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/364**

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USPC ..... D23/355, 356, 359, 360, 364, 366, 368,  
D23/386, 332; D15/79; 55/356, 473,  
55/504; 422/120, 122; 96/97; 26/32  
CPC .. B01D 47/00; B01D 47/027; B01D 2221/02;  
B01D 2259/4508; B03C 3/155; F24F  
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See application file for complete search history.

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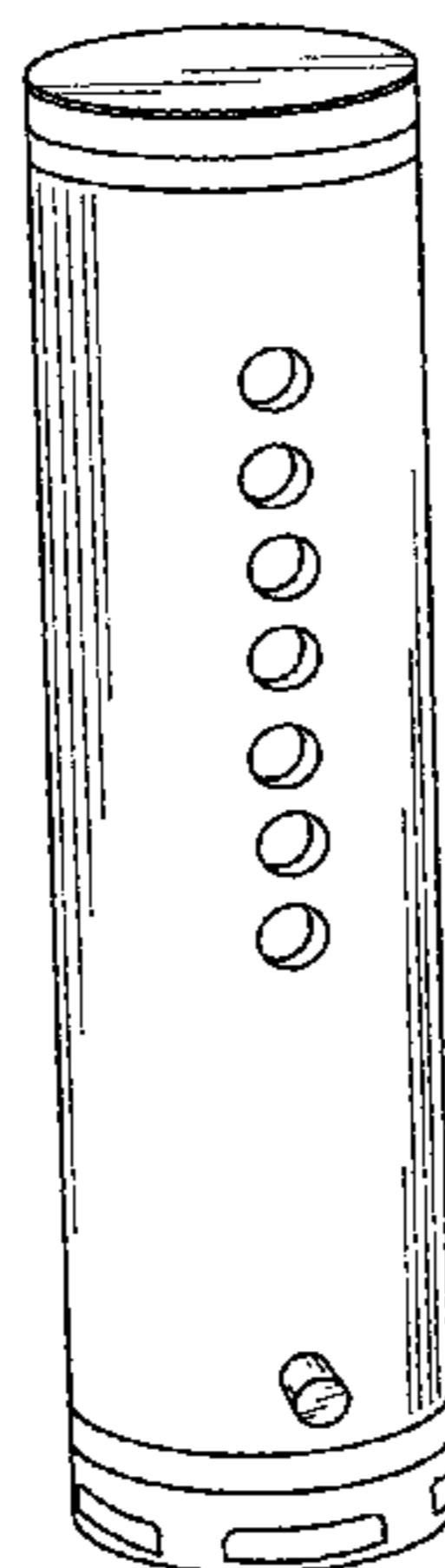
(57) **CLAIM**

The ornamental design for an air purifier, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of an air purifier, showing a first variation of the new design;  
 FIG. 2 is a right side view of the air purifier of FIG. 1; the left side view is a mirror image of FIG. 2;  
 FIG. 3 is a back view of the air purifier of FIG. 1;  
 FIG. 4 is a right, top-down perspective view of an air purifier showing a second variation of the new design;  
 FIG. 5 is a front view of an air purifier showing a third variation of the new design;  
 FIG. 6 is a right side view of the air purifier of FIG. 5; the left side view is a mirror image of FIG. 6;  
 FIG. 7 is a back view of the air purifier of FIG. 5; and,  
 FIG. 8 is a front, top-down perspective view of the air purifier of FIG. 5.  
 The broken lines are included for the purposes of illustrating portions of the air purifier that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



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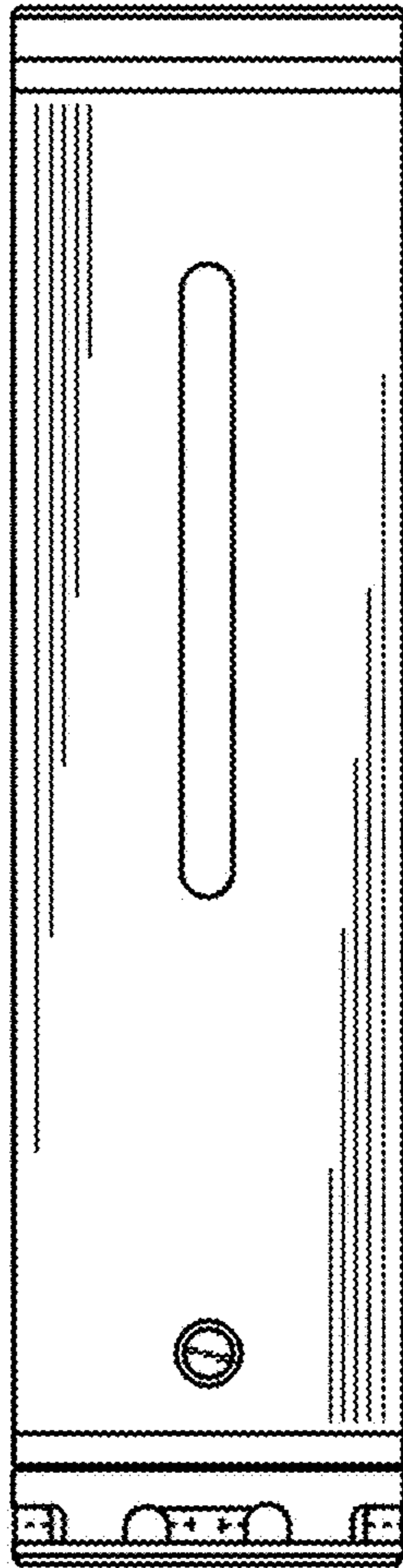


FIG. 1

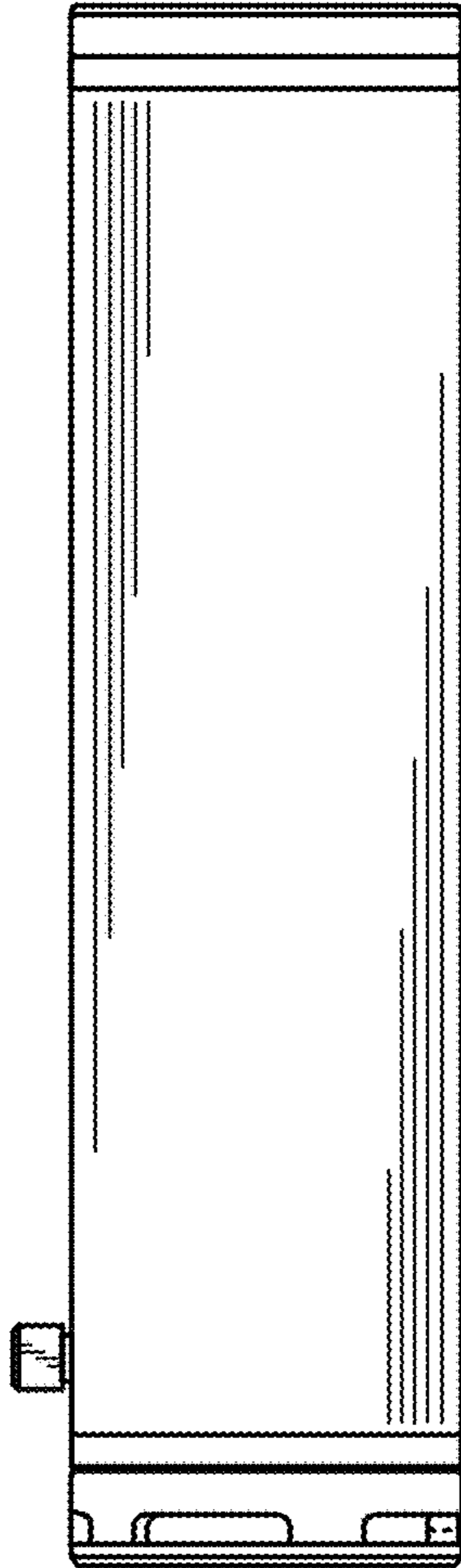


FIG. 2

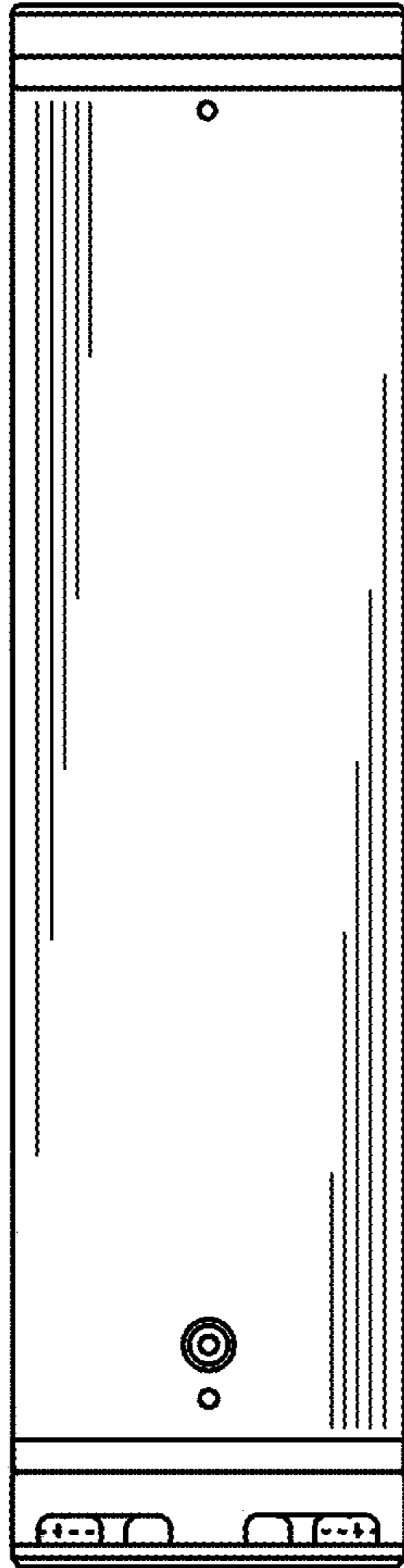


FIG. 3

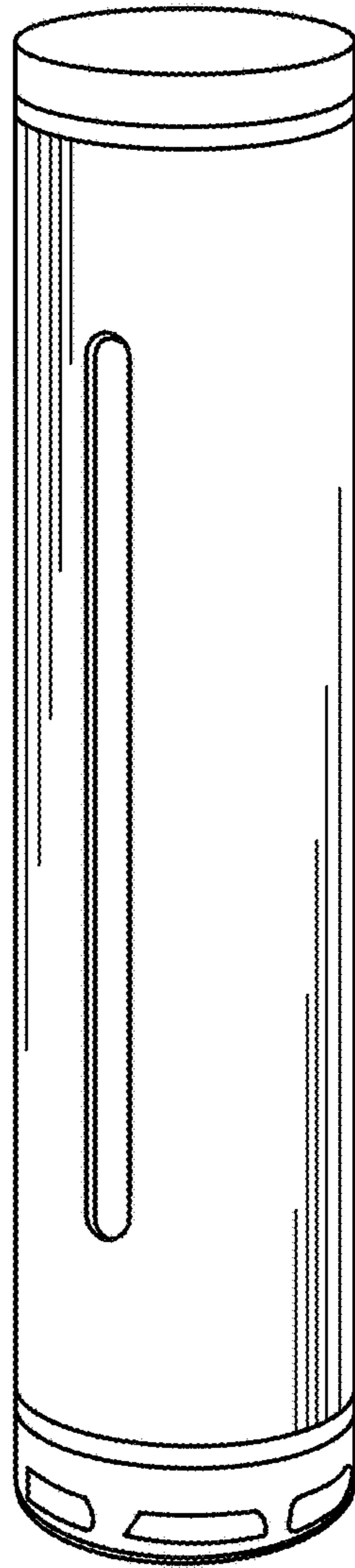


FIG. 4

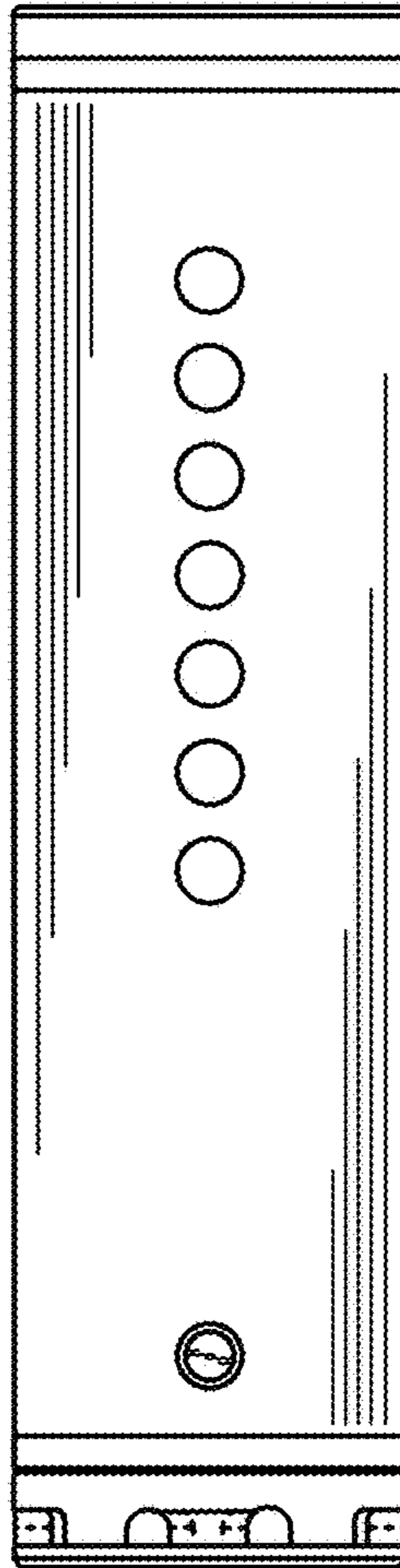


FIG. 5

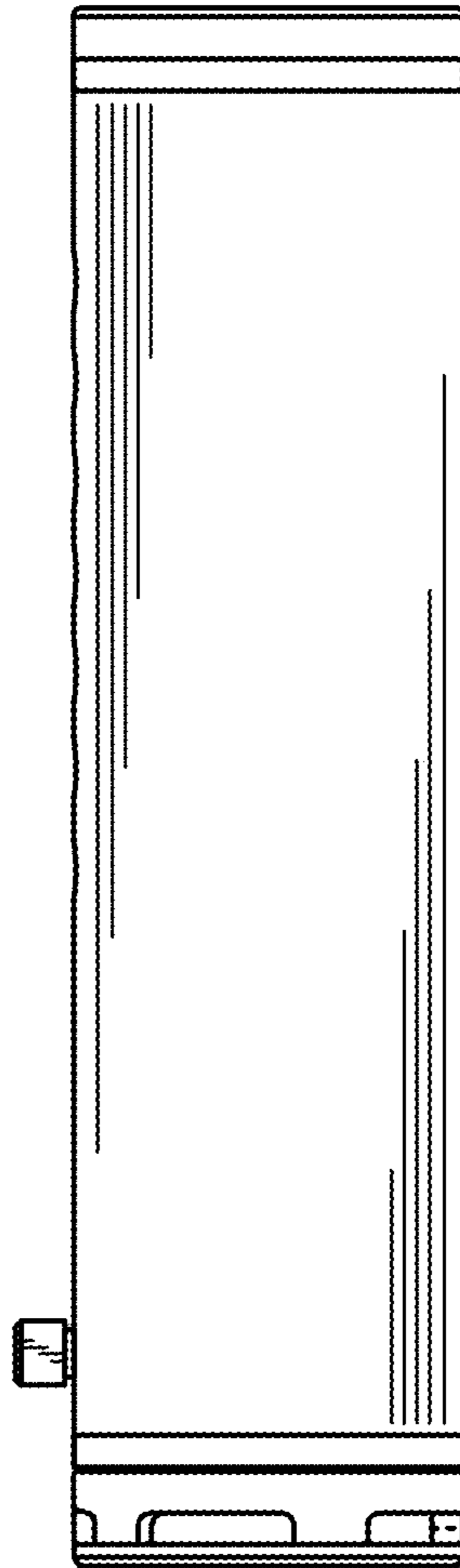


FIG. 6



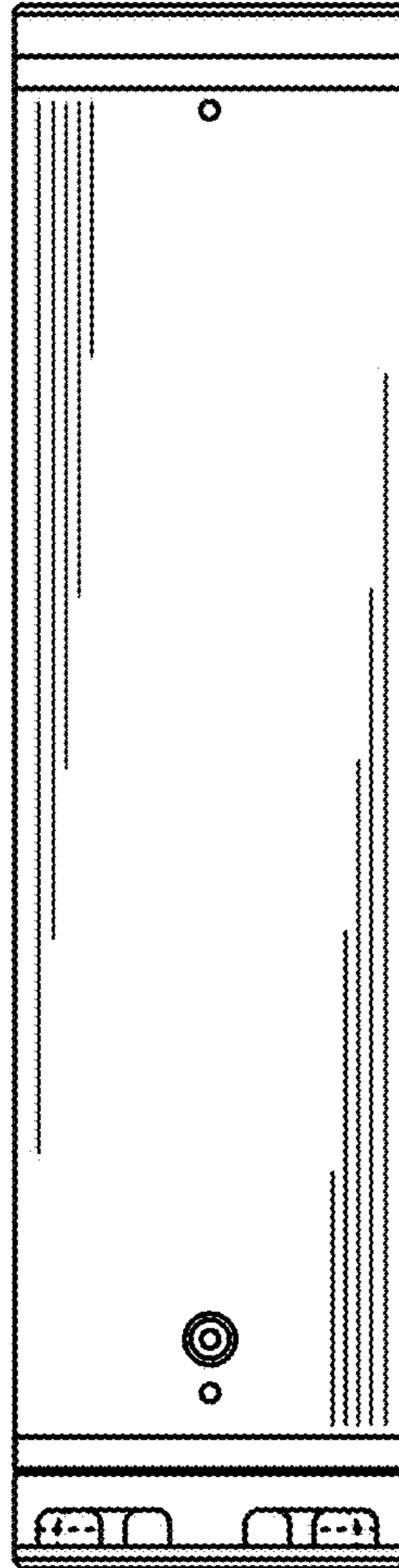


FIG. 7

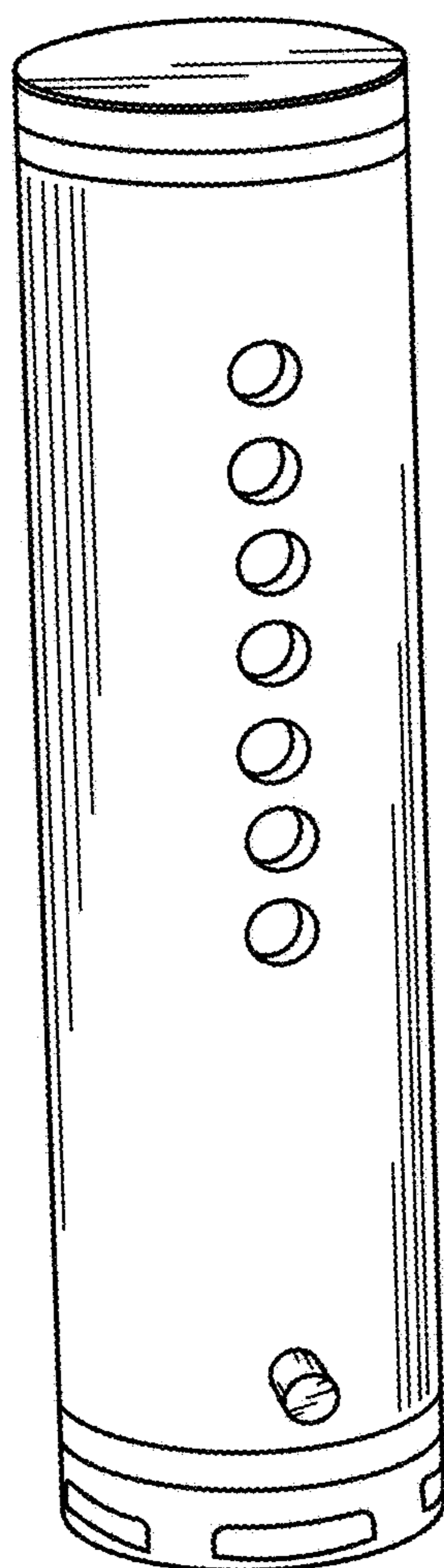


FIG. 8