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(12) United States Design Patent

Ediger

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(54) **PIPE BELL END RING FLARE DEVICE**

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(72) Inventor: **Steve D. Ediger**, Fort Worth, TX (US)

(73) Assignee: **CANTEX, INC.**, Fort Worth, TX (US)

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

(21) Appl. No.: **29/743,171**

(22) Filed: **Jul. 20, 2020**

(51) **LOC (14) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/269**

(58) **Field of Classification Search**
USPC D23/213, 223, 233, 249, 250, 253, 259, D23/260, 262–269, 323, 333, 386; D7/300.1, 313, 509, 510, 523; D14/188, D14/194, 195, 204, 221, 228; D26/26, D26/37, 40, 46, 49, 93, 104, 105; D15/7; D24/108, 110.6, 112, 129; D8/382
CPC F16L 1/00; F16L 9/00; F16L 13/00; F16L 13/146; F16L 2101/00; F16L 17/035; F16L 21/08; F16L 27/0857; Y10S 92/01; Y10S 102/70; A47L 9/02; A47L 9/24; A47L 9/242; A47L 9/244; A47L 9/248; A61M 16/08; A61M 16/0816; A61M 16/0833; A61M 29/00; A61M 39/223
See application file for complete search history.

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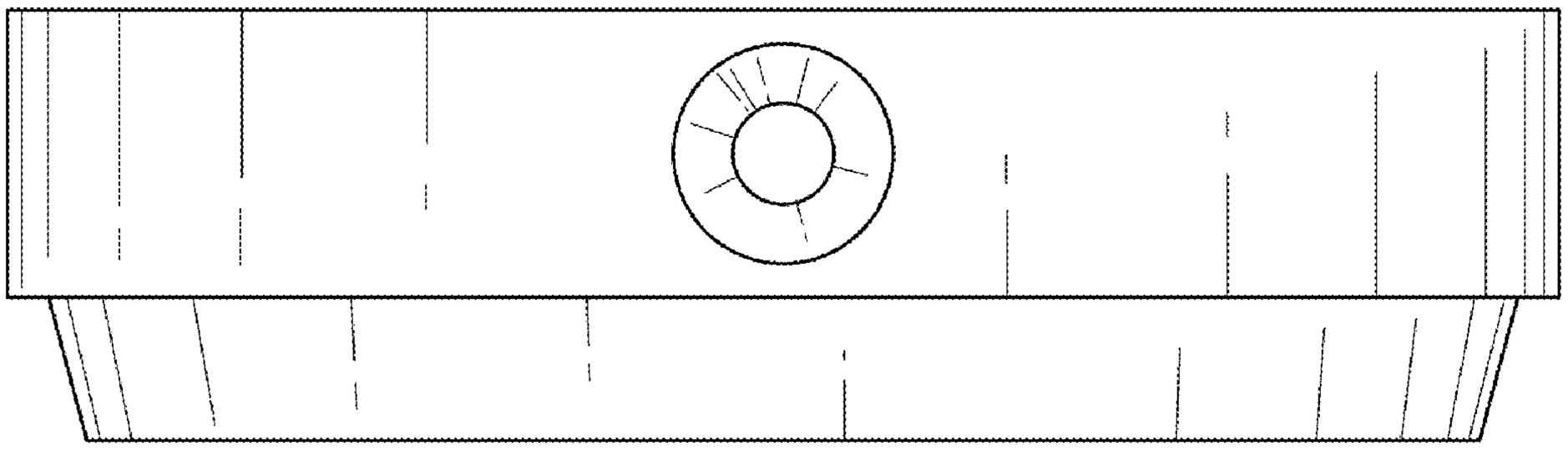
(57) **CLAIM**

The ornamental design for a pipe bell end ring flare device, as shown and described.

DESCRIPTION

FIG. **1** is a top plan view of a pipe bell end ring flare device showing my new design;
FIG. **2** is a front elevational view thereof;
FIG. **3** is a right side elevational view thereof;
FIG. **4** is a back elevational view thereof;
FIG. **5** is a left side elevational view thereof;
FIG. **6** is a bottom plan view thereof;
FIG. **7** is a cross-sectional view taken along line **7-7** of FIG. **6** thereof;
FIG. **8** is a side view thereof installed around a mandrel;
FIG. **9** is a cross-sectional view taken along line **9-9** of FIG. **10**;
FIG. **10** is a top plan view of FIG. **8**;
FIG. **11** is a bottom plan view of FIG. **8**; and,
FIG. **12** is a side view of FIG. **8** with a partial section of a pipe bell end shown around the mandrel.
The broken lines shown in the figures are for the purpose of illustrating portions of the environment and form no part of the claimed design.

1 Claim, 9 Drawing Sheets



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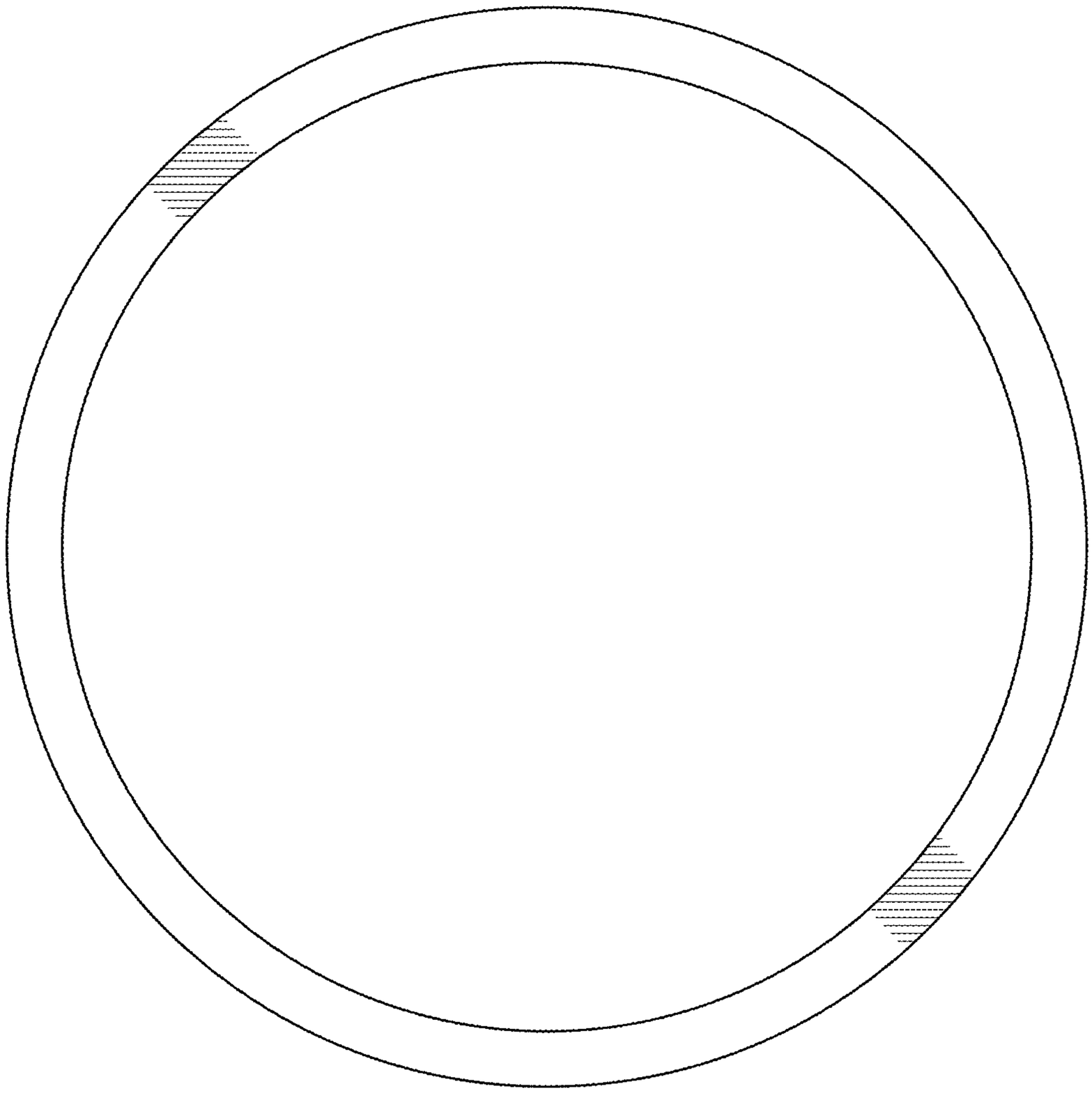

FIG. 1

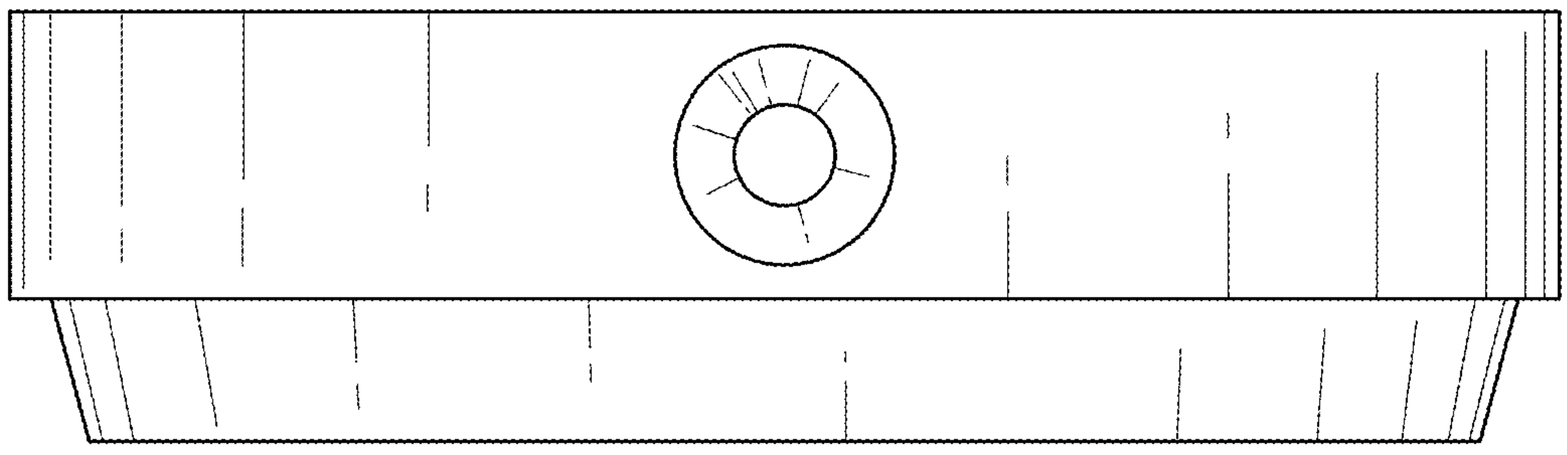

FIG. 2

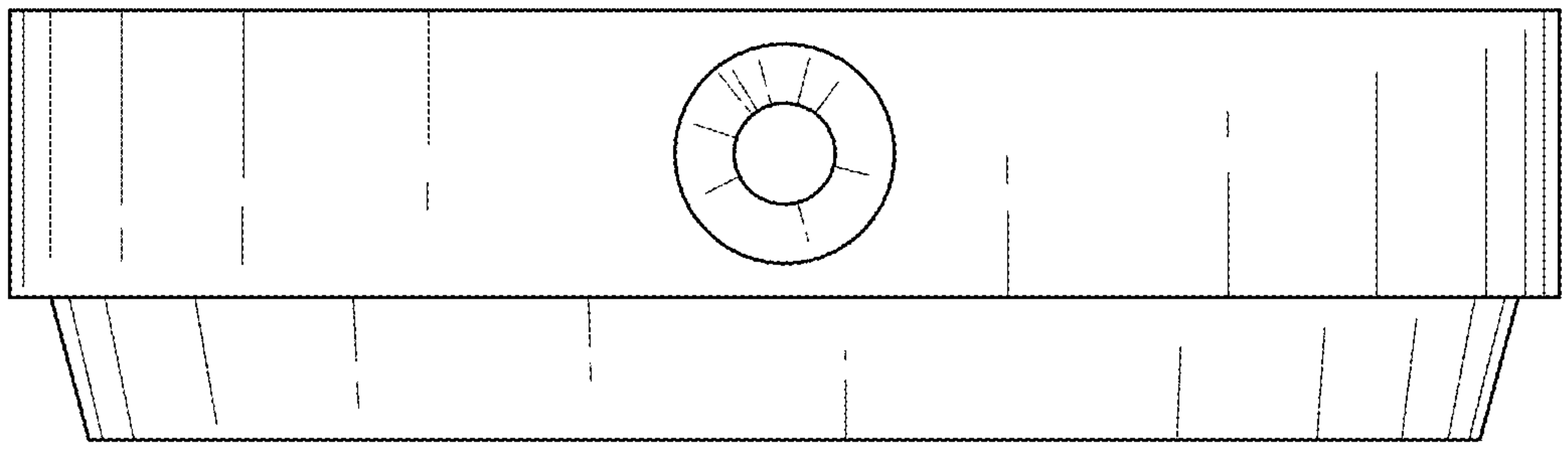

FIG. 3

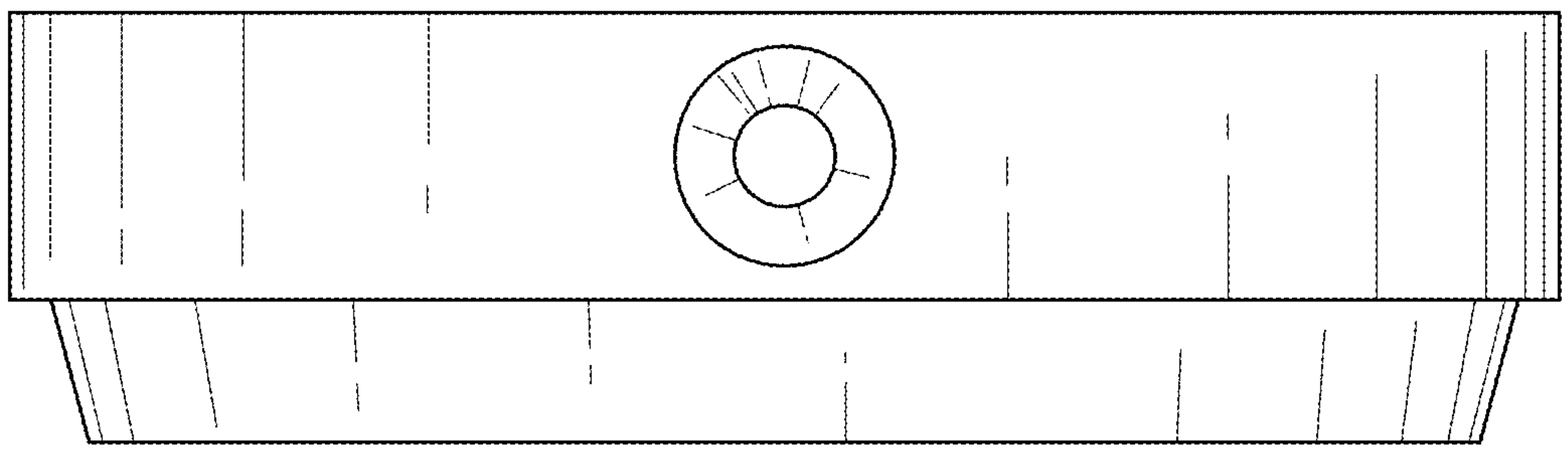

FIG. 4

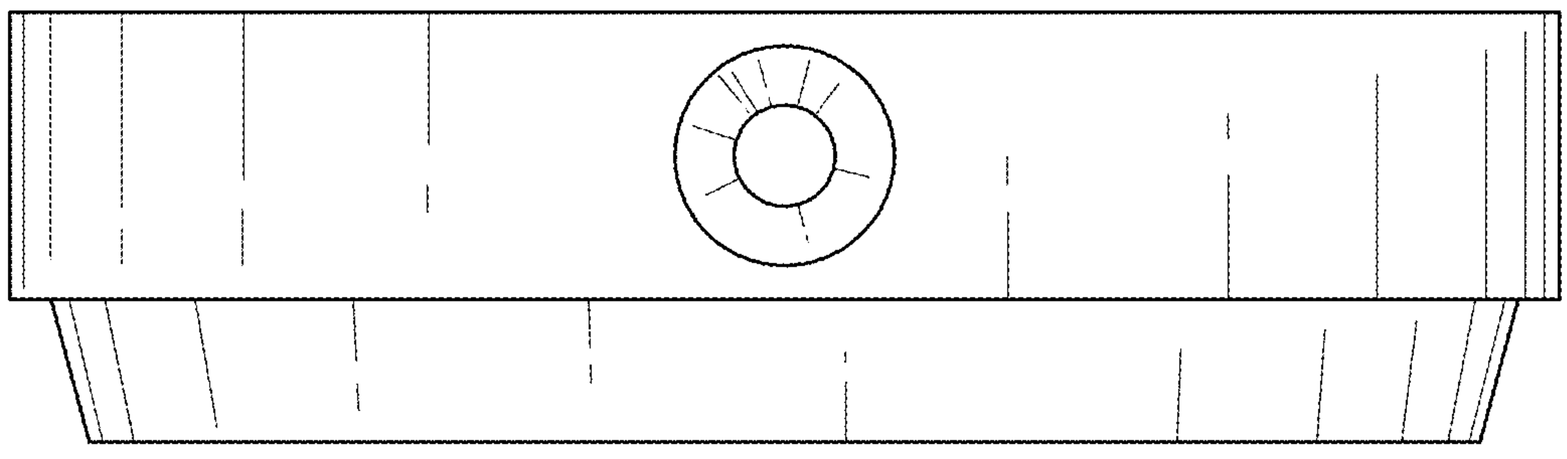

FIG. 5

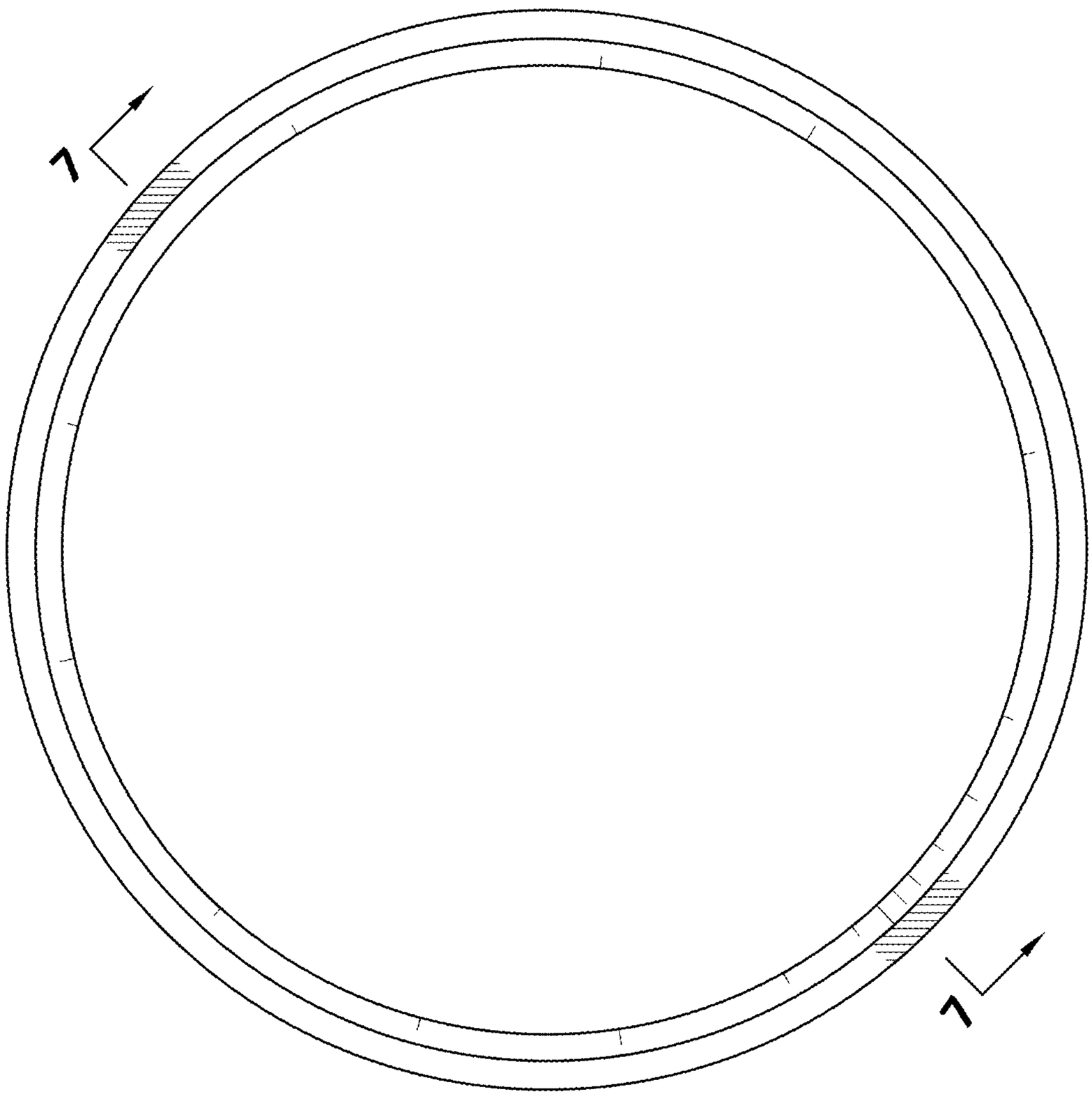

FIG. 6

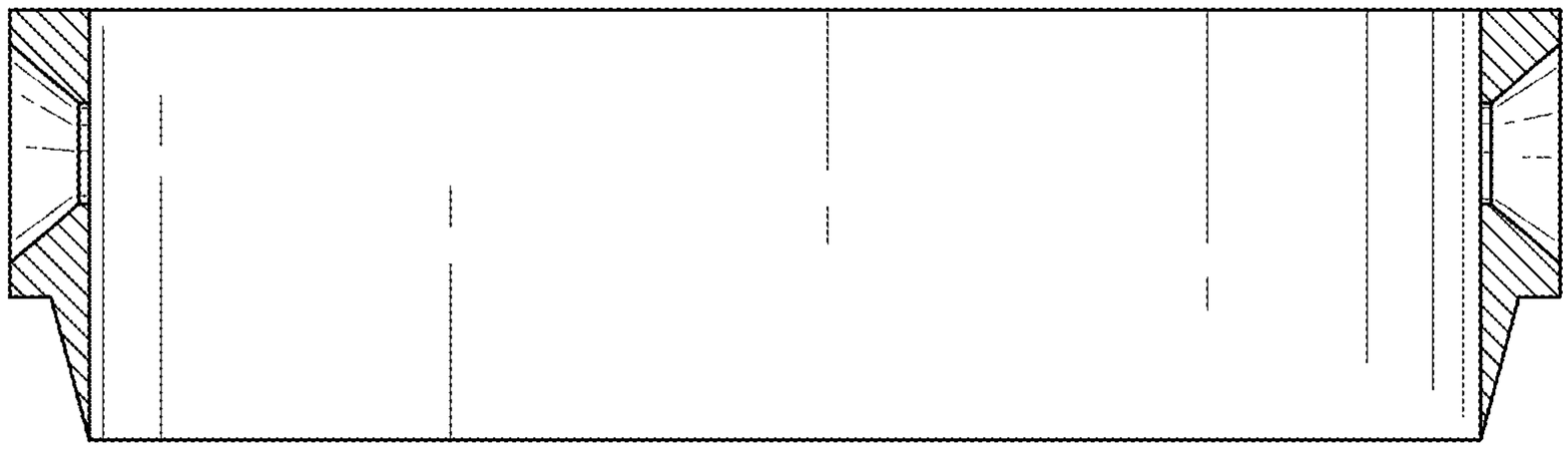

FIG. 7

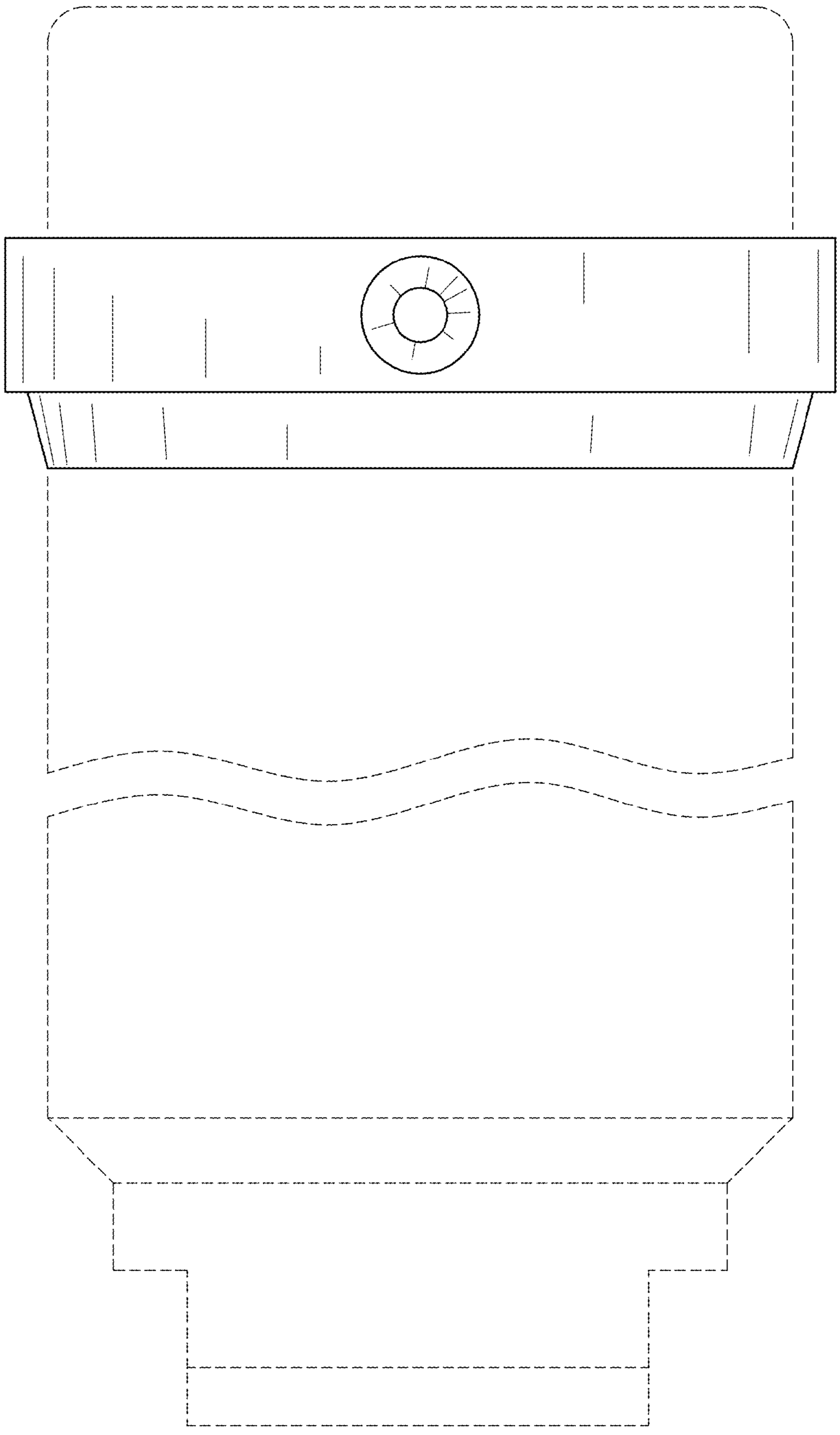

FIG. 8

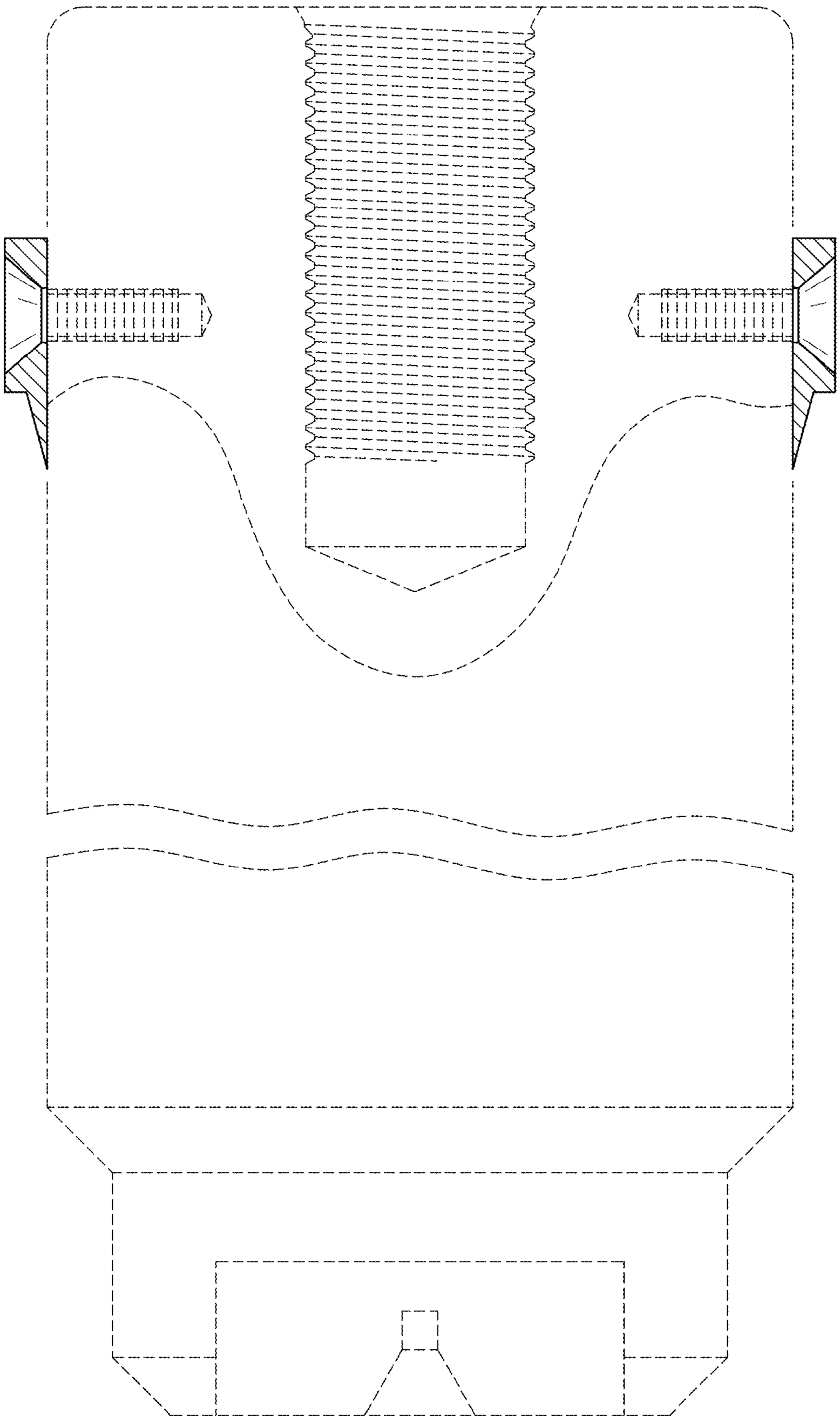

FIG. 9

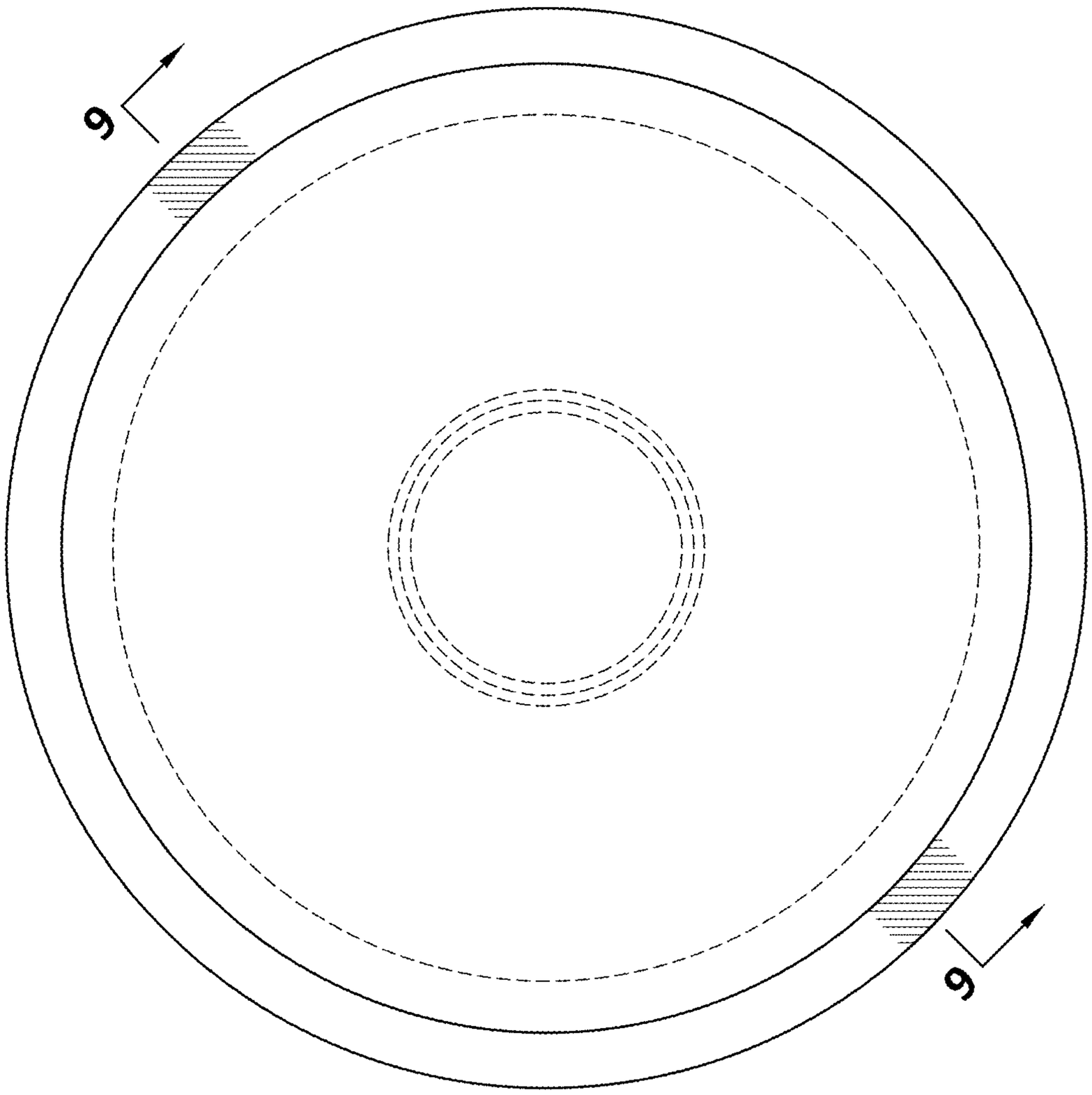

FIG. 10

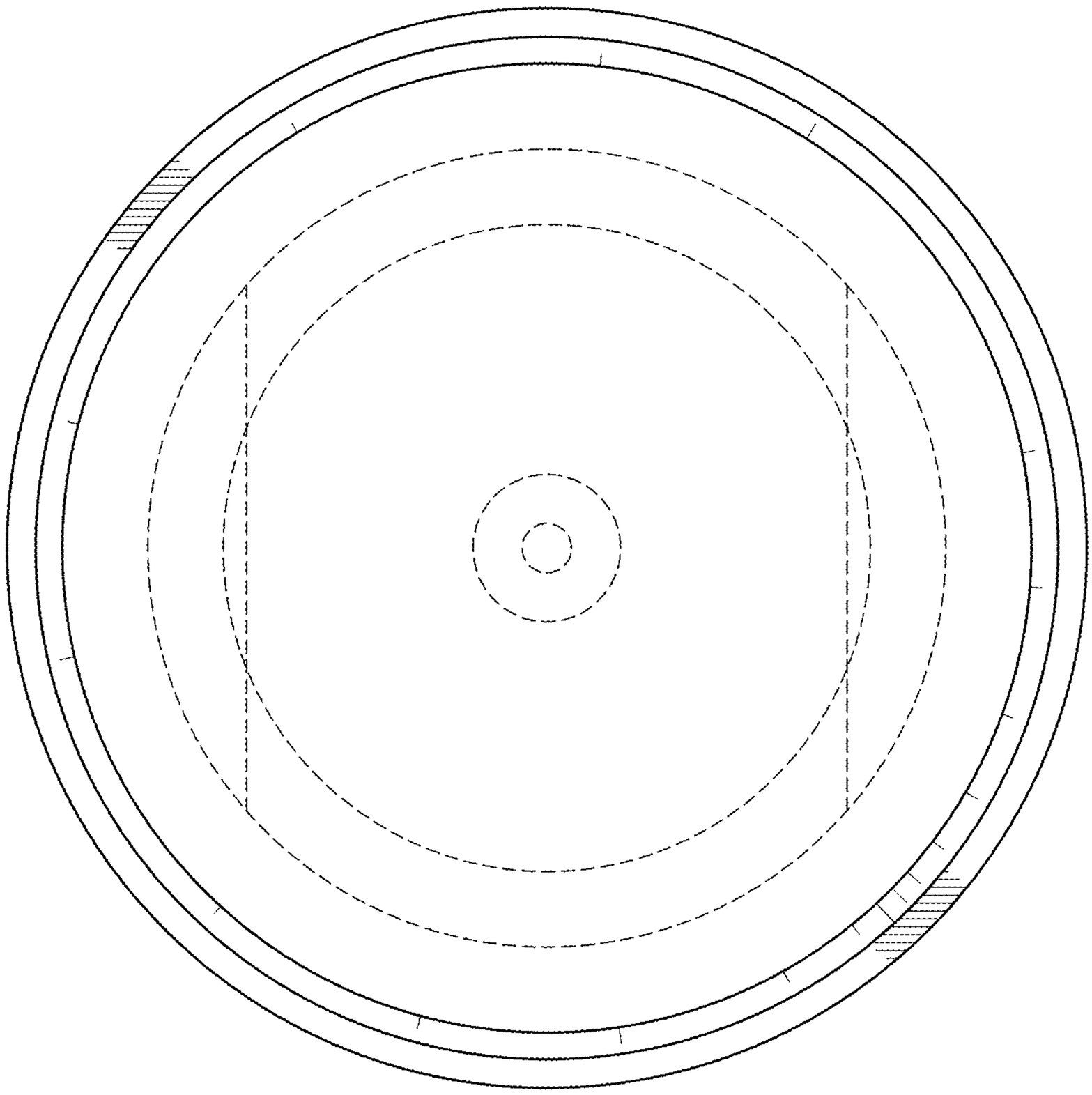

FIG. 11

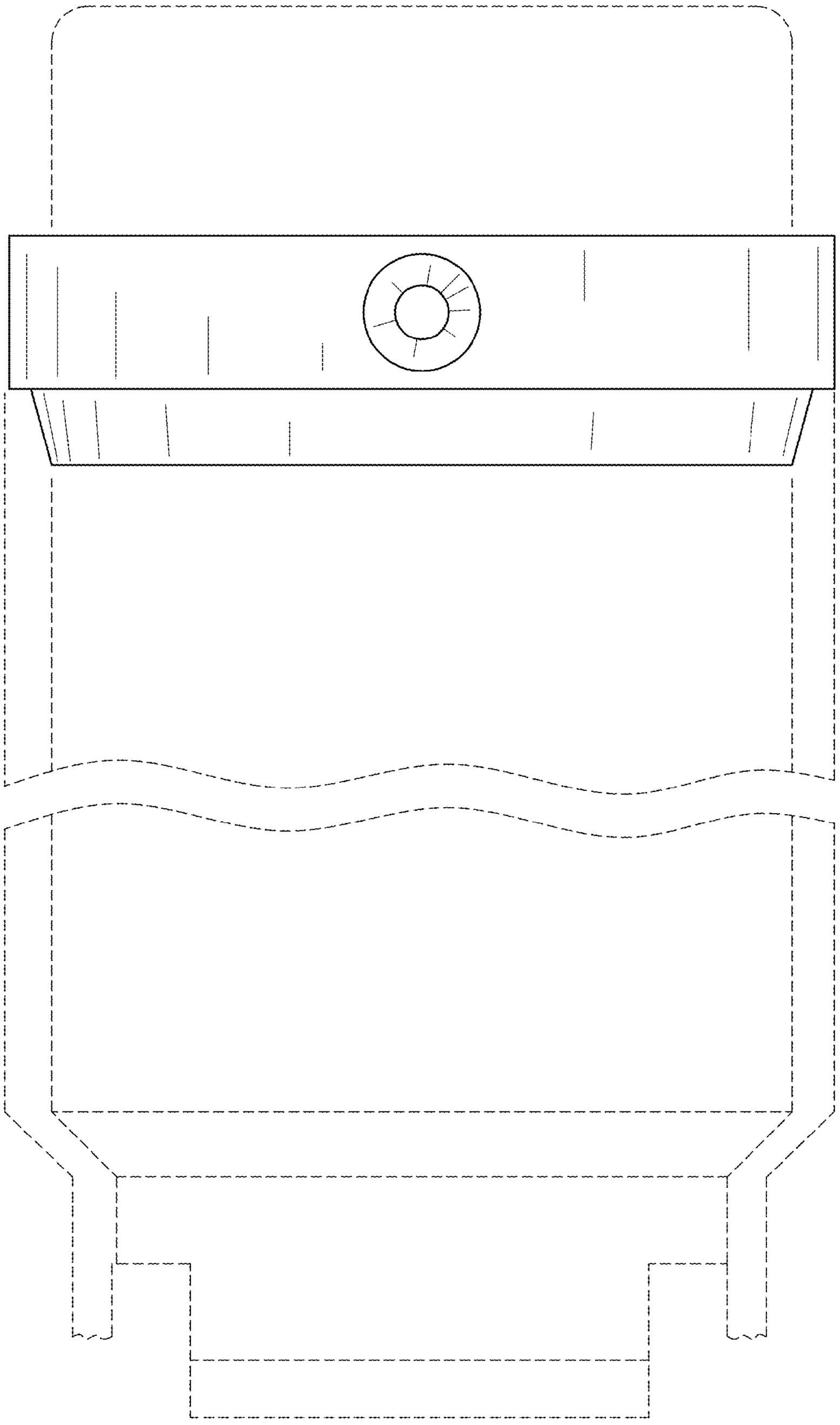

FIG. 12