



US00D875932S

(12) **United States Design Patent** (10) **Patent No.:** **US D875,932 S**  
**Hulford et al.** (45) **Date of Patent:** **\*\* Feb. 18, 2020**

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| (54) <b>SURGICAL INSTRUMENT END PORTION</b>  | 4,752,024 A 6/1988 Green et al.<br>D304,234 S 10/1989 Green                                |
| (71) Applicant: <b>Intuitive Surgical Operations, Inc.</b> ,<br>Sunnyvale, CA (US)   | 5,158,222 A 10/1992 Green et al.<br>D331,971 S 12/1992 Main<br>D345,795 S 4/1994 Green     |
| (72) Inventors: <b>Timothy B. Hulford</b> , Burlingame, CA<br>(US); <b>Robert B. Hubler</b> , Woodinville,<br>WA (US); <b>Elie Eyram Ahovi</b> , San<br>Francisco, CA (US) | 5,360,154 A 11/1994 Green<br>D433,753 S 11/2000 Weiss<br>D589,147 S 3/2009 Colleran et al. |

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

(21) Appl. No.: **29/680,608**

(22) Filed: **Feb. 18, 2019**

**Related U.S. Application Data**

(63) Continuation of application No. 29/581,076, filed on Oct. 14, 2016, now Pat. No. Des. 843,575.

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

(52) **U.S. Cl.**  
USPC ..... **D24/145**

(58) **Field of Classification Search**  
USPC ..... D24/144-145, 127, 133; 227/19  
CPC ..... A61B 17/068; A61B 17/0684; A61B  
17/0686; A61B 17/115; A61B  
2017/07214; A61B 2017/07257  
See application file for complete search history.

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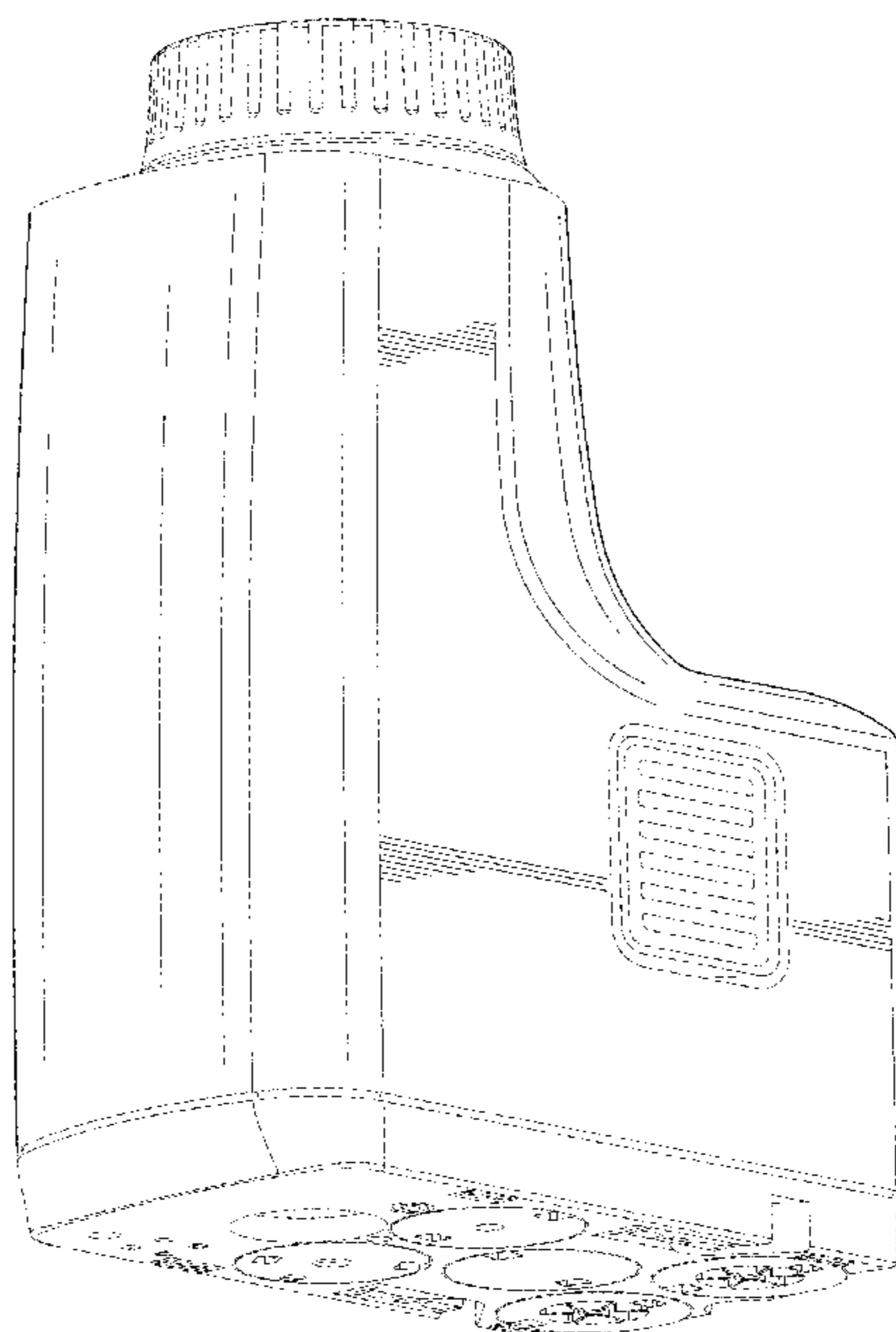
(57) **CLAIM**

The ornamental design for a surgical instrument end portion, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a surgical instrument end portion showing the new design;  
 FIG. 2 is a front elevation view thereof;  
 FIG. 3 is a right elevation view thereof;  
 FIG. 4 is a rear elevation view thereof;  
 FIG. 5 is a left elevation view thereof;  
 FIG. 6 is a bottom view thereof;  
 FIG. 7 is a top view thereof; and,  
 FIG. 8 is another perspective view thereof.  
 The broken lines shown in FIGS. 1-8 illustrate portions of the surgical instrument end portion that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



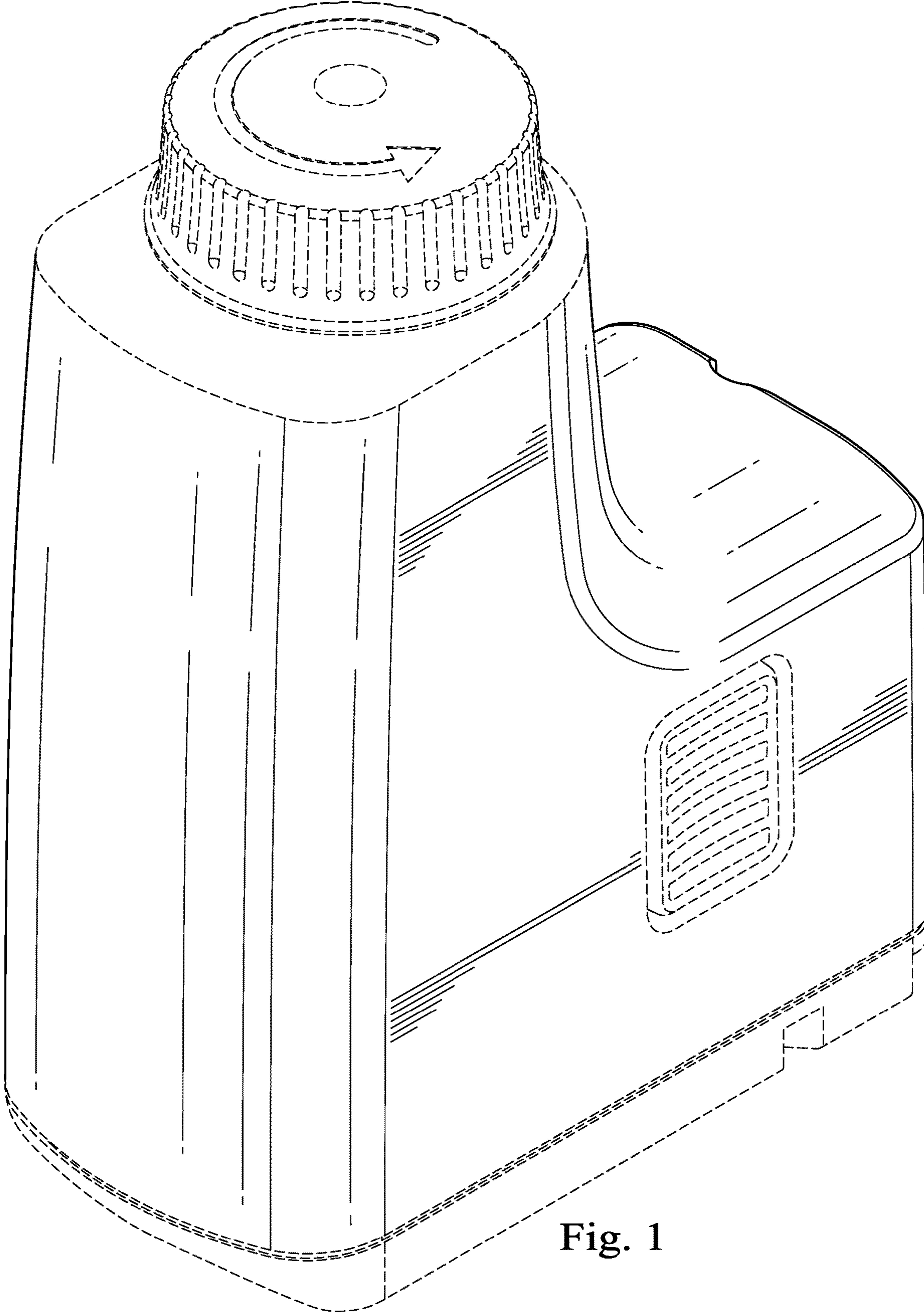


Fig. 1

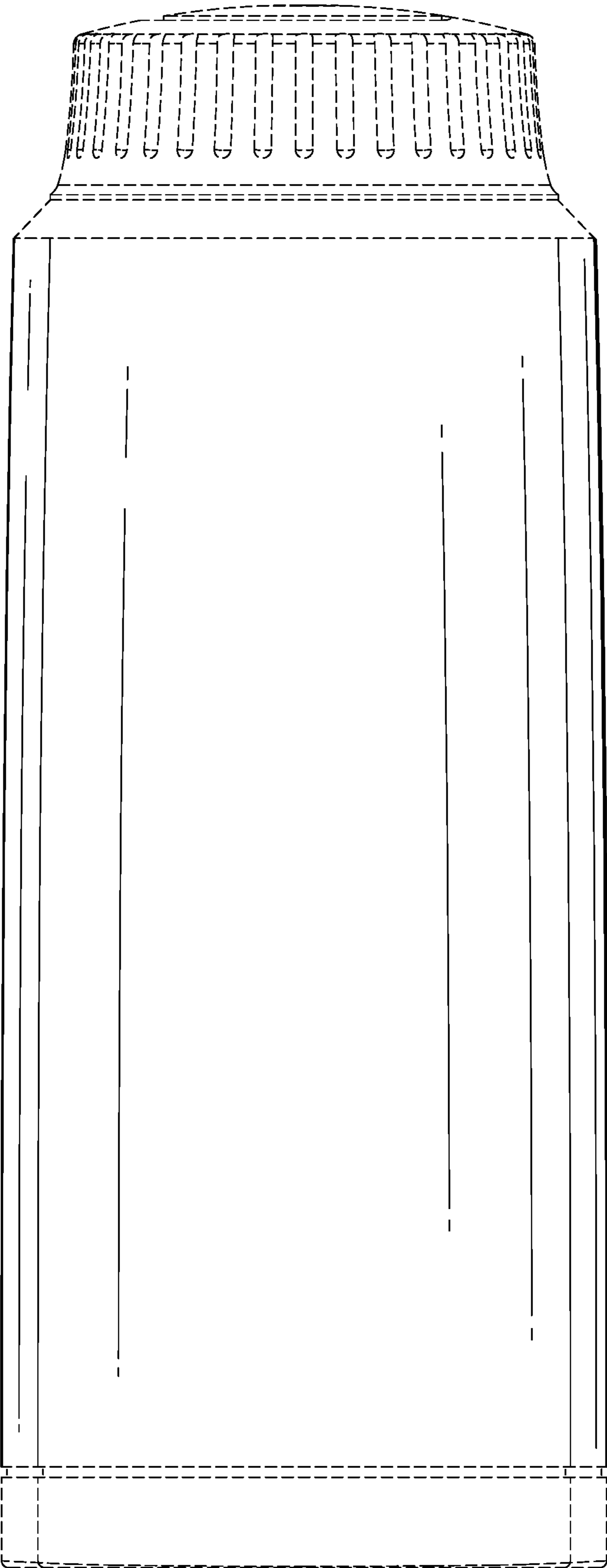
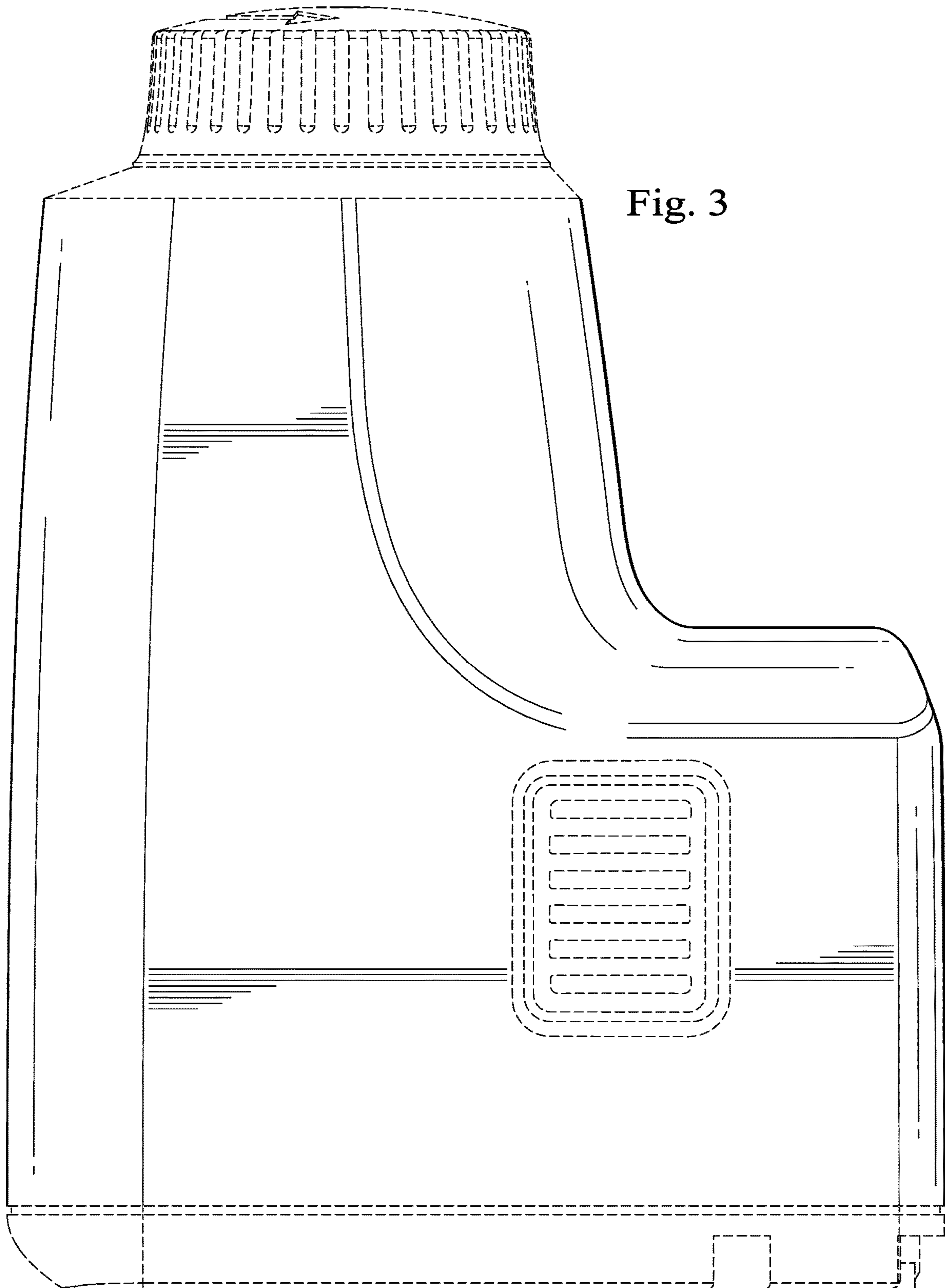


Fig. 2



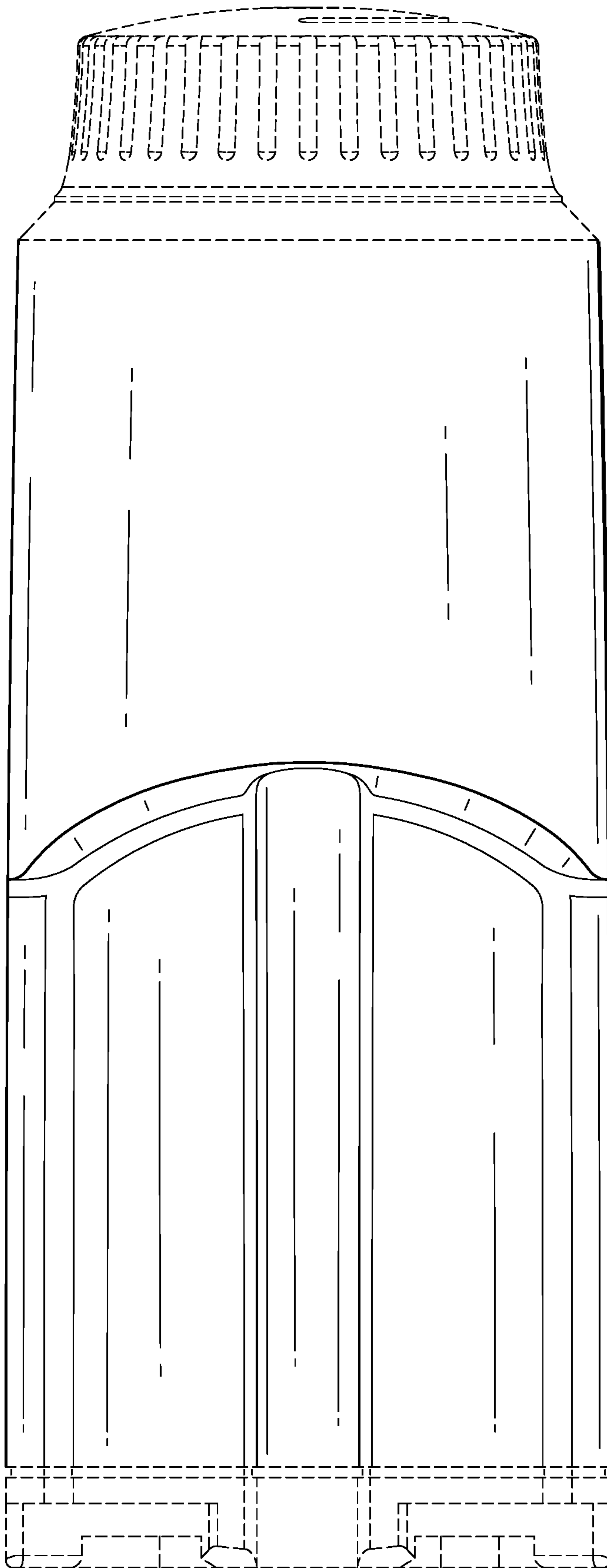
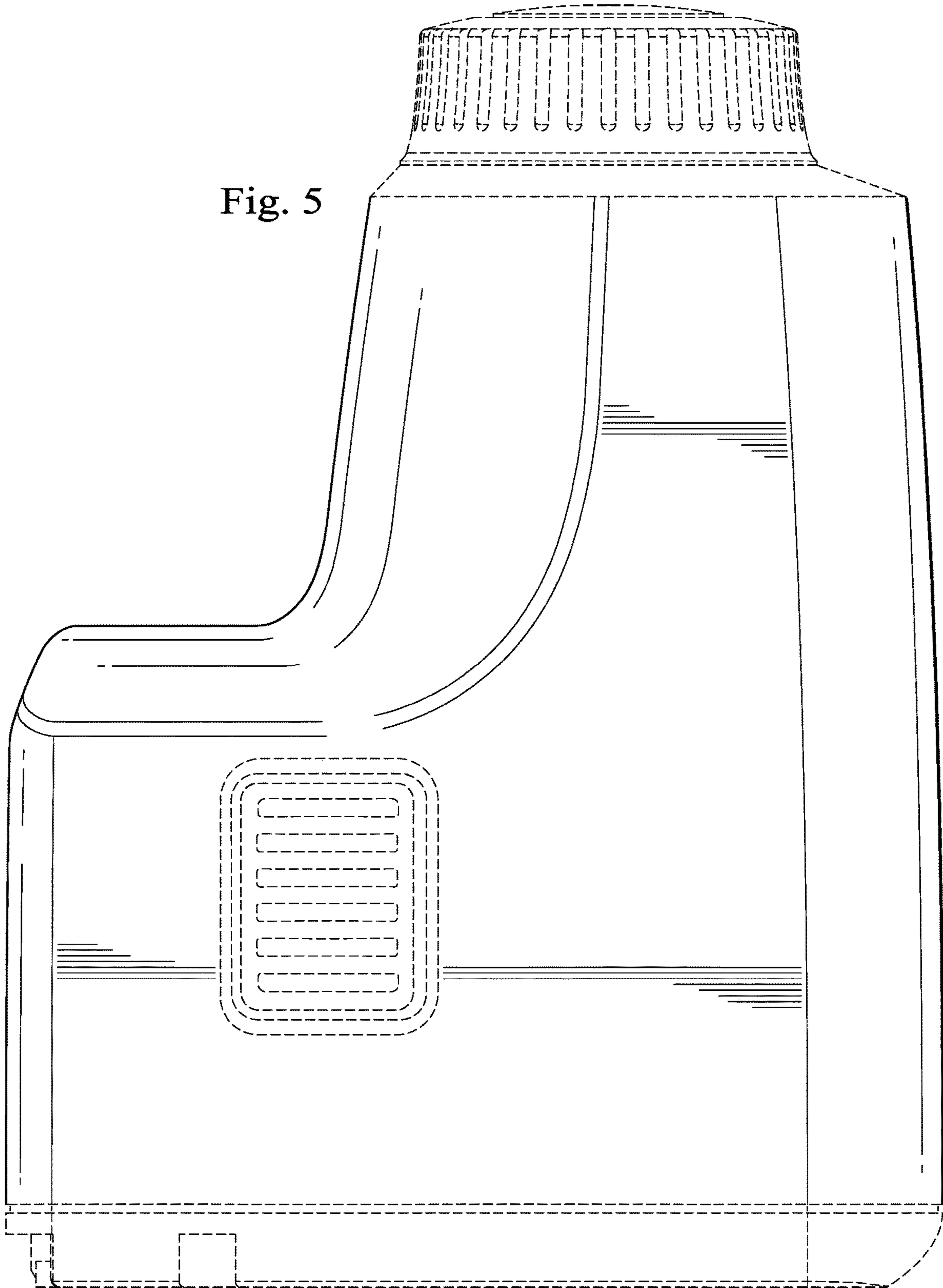


Fig. 4

Fig. 5



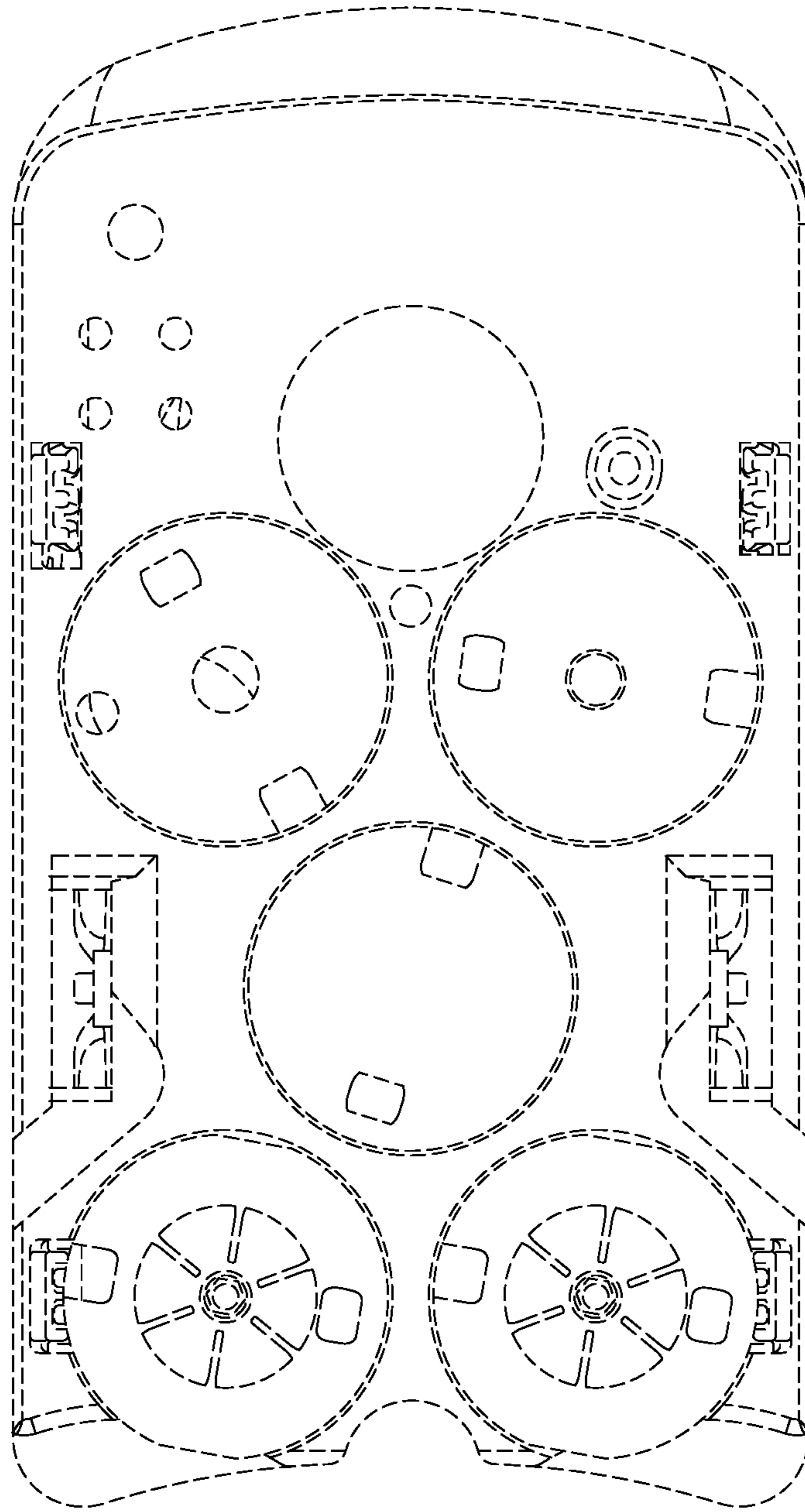


Fig. 6

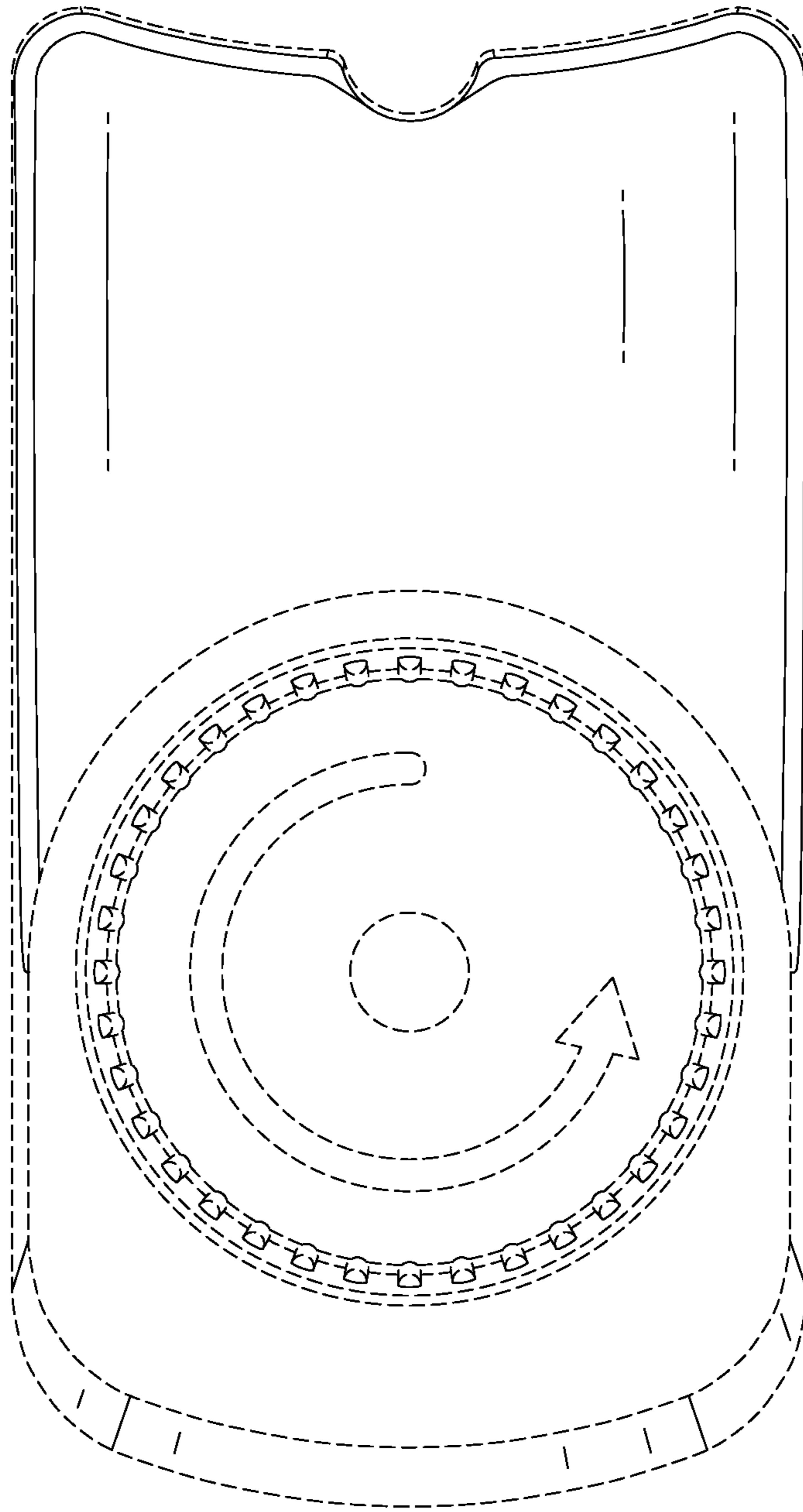


Fig. 7



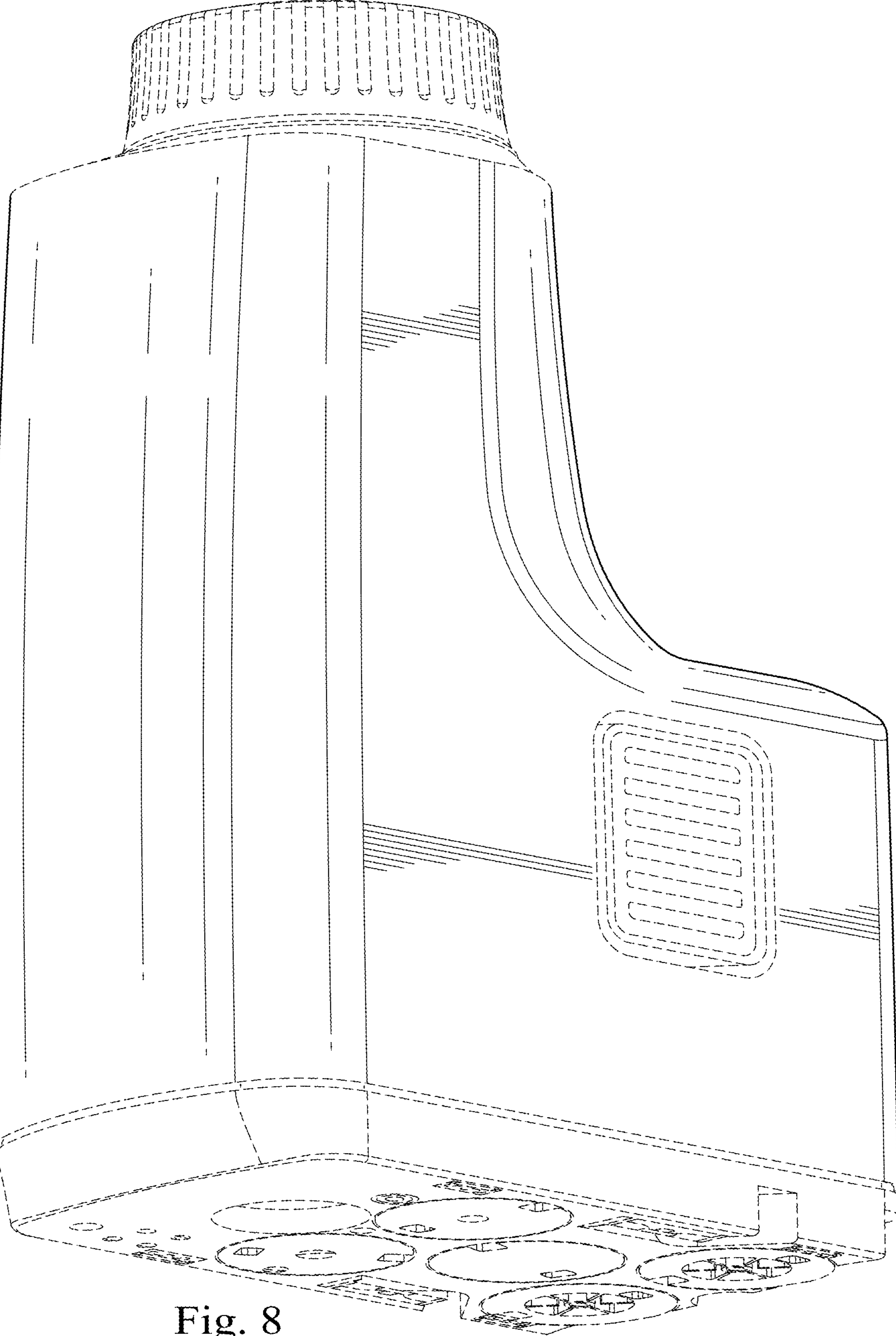


Fig. 8