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

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(45) **Date of Patent:** **\*\* Oct. 29, 2013**

(54) **360 DEGREE PASSIVE INFRARED  
OCCUPANCY SENSOR**

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Yueqing (CN)**

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

(21) Appl. No.: **29/429,418**

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(51) **LOC (9) Cl.** ..... **10-04**

(52) **U.S. Cl.**  
USPC ..... **D10/70; D10/106.1**

(58) **Field of Classification Search**  
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D10/106.1–106.8; D14/138 R, 138 AA,  
D14/138 AB, 138 AC, 138 AD, 341–347,  
D14/507–510, 136, 167, 168, 496, 498, 499,  
D14/500, 125–134, 239, 371, 374–377, 440,  
D14/450, 448, 336, 342; 343/702; 345/87,  
345/104, 133, 156, 168, 173, 901–905,  
345/165; 348/180, 184, 315, 739, 836, 838,  
348/325; 364/444, 499; 701/408–418, 431,  
701/432, 537; 312/7.2; 341/12; 720/605,  
720/669, 600, 655; 369/99, 197; 455/344,  
455/347, 575.1; 250/221, 338.3, 340, 239,  
250/342, 341, DIG. 1, 353; 307/116, 117;  
340/521, 527, 541, 567, 540, 568.2,  
340/539.23, 635, 687; 315/159; 324/72.5,  
324/556, 133, 149, 503, 543, 555, 66, 72,  
324/754, 115, 141, 522; 73/615, 624, 627,  
73/644, 514.33, 514.34, 510, 513, 527,  
73/530; 356/3.01–5.15; 235/105; 377/5,  
377/24.2, 26; 702/155, 160, 176, 78, 79,  
702/82, 91–95, 104, 116, 141, 150, 151,  
702/154, 127, 131, 182, 183, 189; 600/437,  
600/443, 453, 459, 465, 479, 500, 502, 595,  
600/485, 481, 483

See application file for complete search history.

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(Continued)

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LLC.

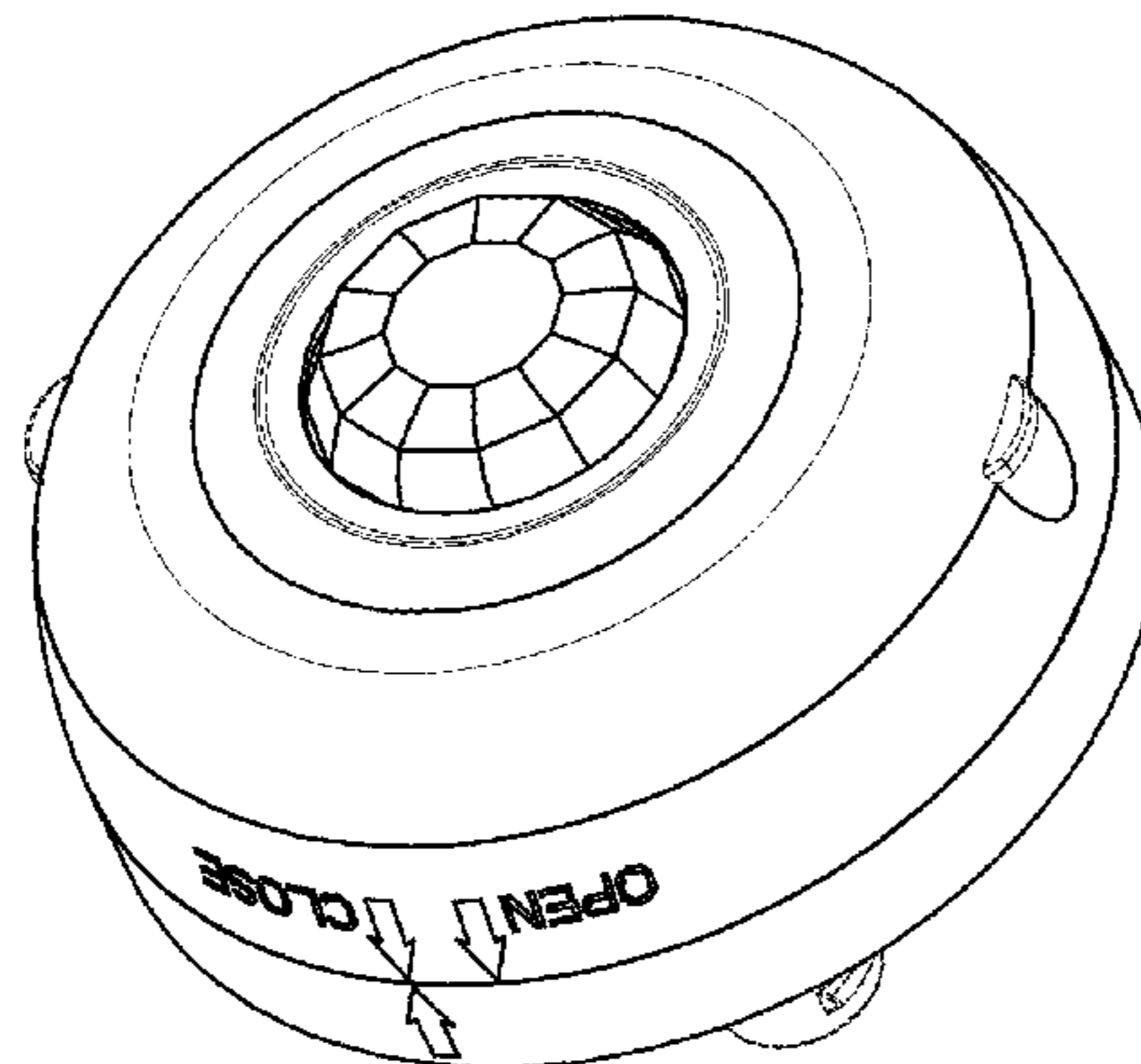
(57) **CLAIM**

The ornamental design for a distance measuring device for  
golf, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of one embodiment of the sensor  
showing the new design.  
FIG. 2 is a front view of the embodiment shown in FIG. 1.  
FIG. 3 is a side view of the embodiment shown in FIG. 1, both  
side views being substantially the same.  
FIG. 4 is a top view of the embodiment shown in FIG. 1.  
FIG. 5 is a back view of the embodiment shown in FIG. 1.  
FIG. 6 is a perspective view of another embodiment of the  
sensor showing the new design.  
FIG. 7 is a front view of the embodiment shown in FIG. 6.  
FIG. 8 is a side view of the embodiment shown in FIG. 6, both  
side views being substantially the same.  
FIG. 9 is a top view of the embodiment shown in FIG. 6.  
FIG. 10 is a back view of the embodiment shown in FIG. 6.  
FIG. 11 is a perspective view of another embodiment of the  
sensor showing the new design.  
FIG. 12 is a front view of the embodiment shown in FIG. 11.  
FIG. 13 is a side view of the embodiment shown in FIG. 11,  
both side views being substantially the same.  
FIG. 14 is a top view of the embodiment shown in FIG. 11.  
FIG. 15 is a back view of the embodiment shown in FIG. 11.  
FIG. 16 is a perspective view of another embodiment of the  
sensor showing the new design.  
FIG. 17 is a front view of the embodiment shown in FIG. 16.  
FIG. 18 is a top view of the embodiment shown in FIG. 16.  
FIG. 19 is a side view of the embodiment shown in FIG. 16.,  
both side views being substantially the same; and,  
FIG. 20 is a back view of the embodiment shown in FIG. 16.  
The broken lines are for the purpose of illustrating portions of  
the environment and form no part of the claimed design.

**1 Claim, 20 Drawing Sheets**



(56)

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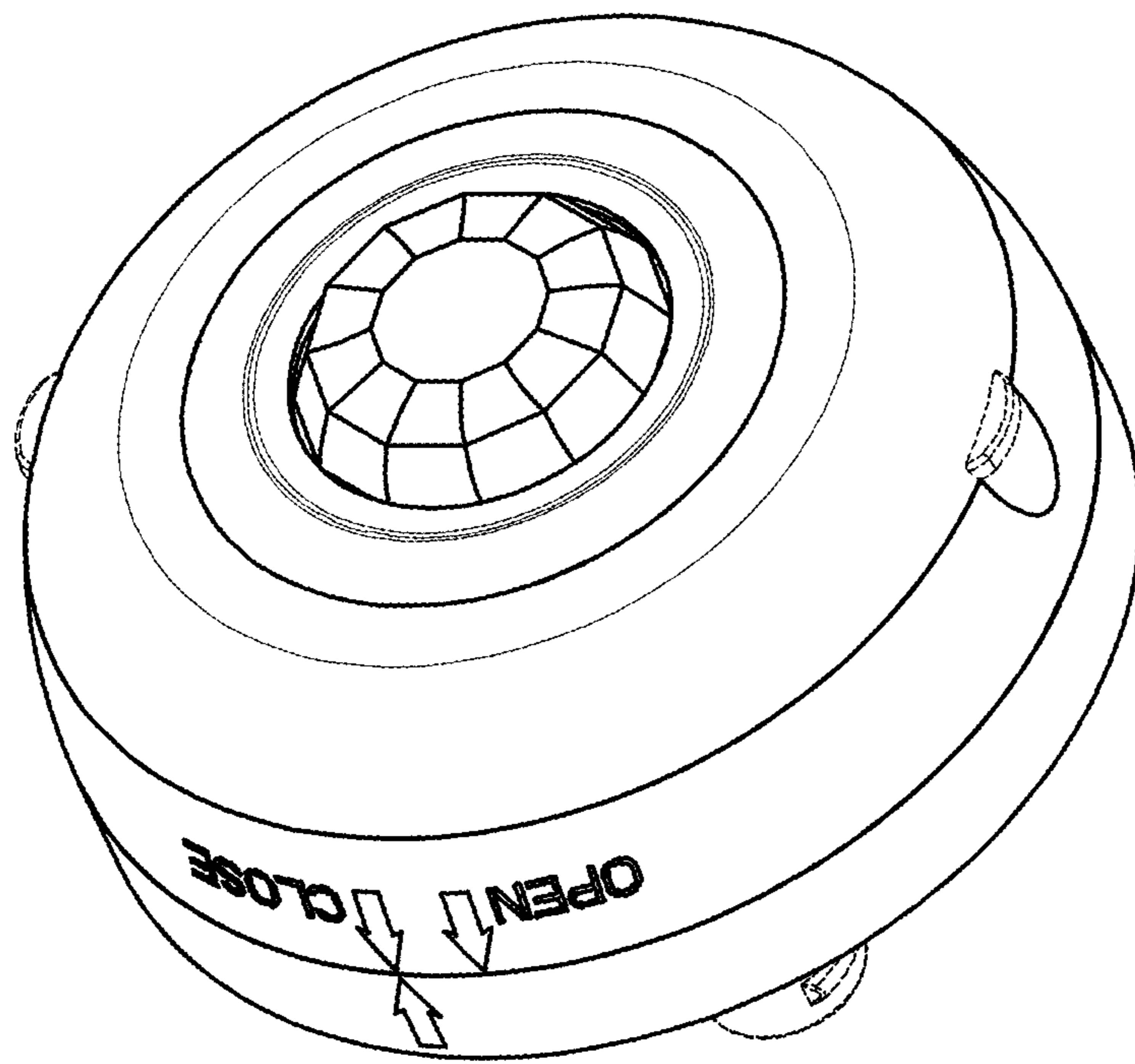


Figure 1

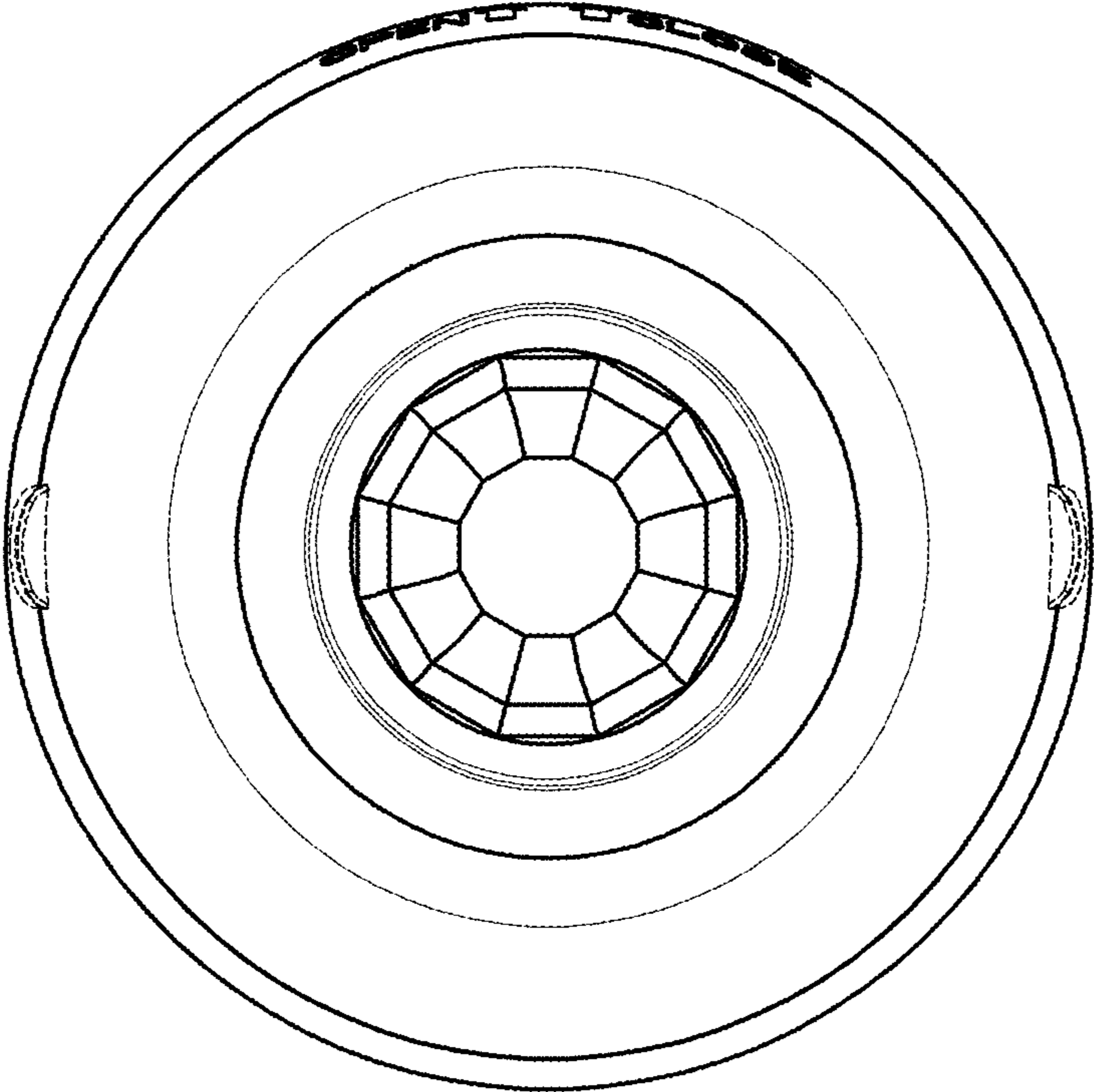


Figure 2

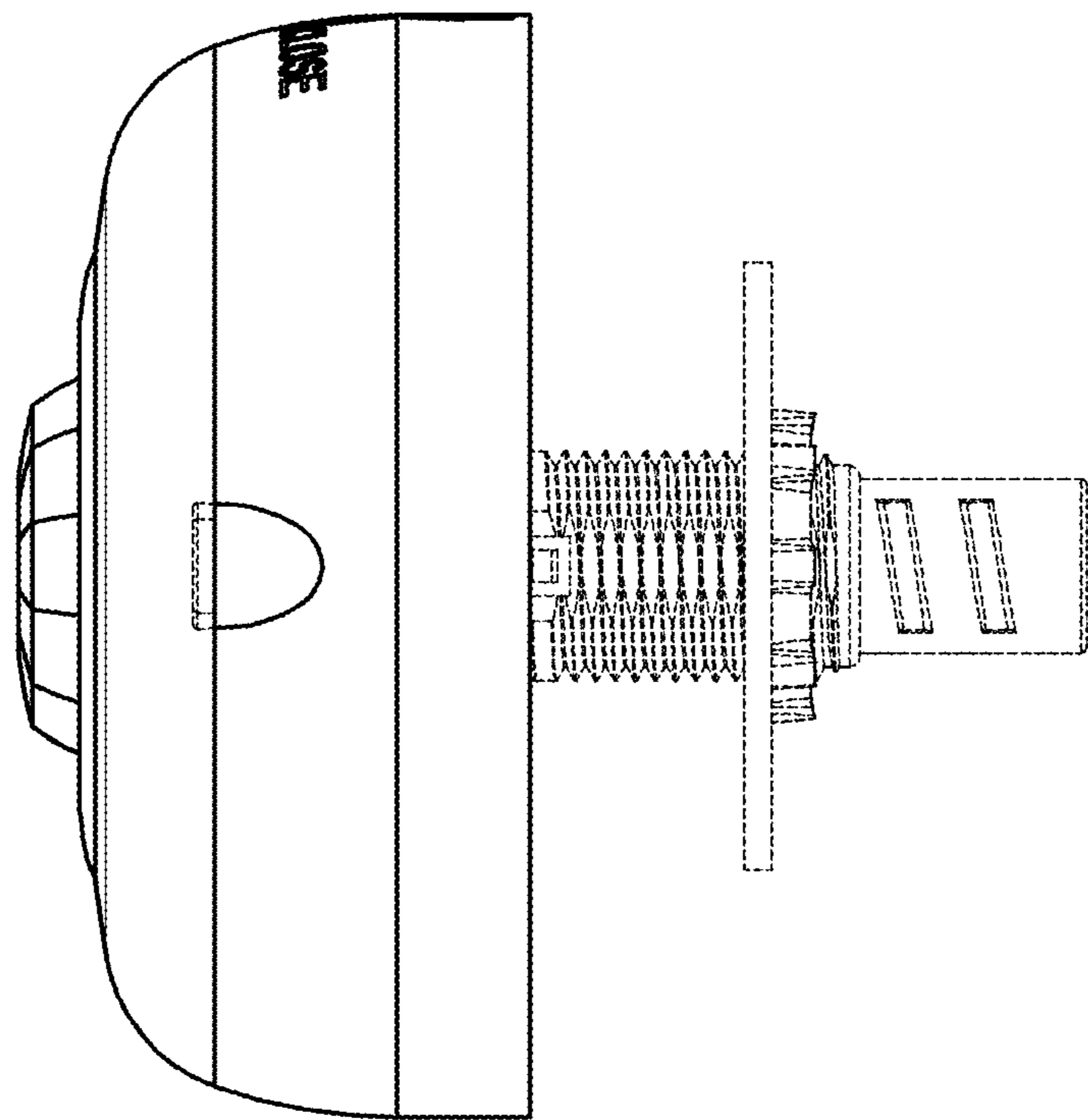


Figure 3

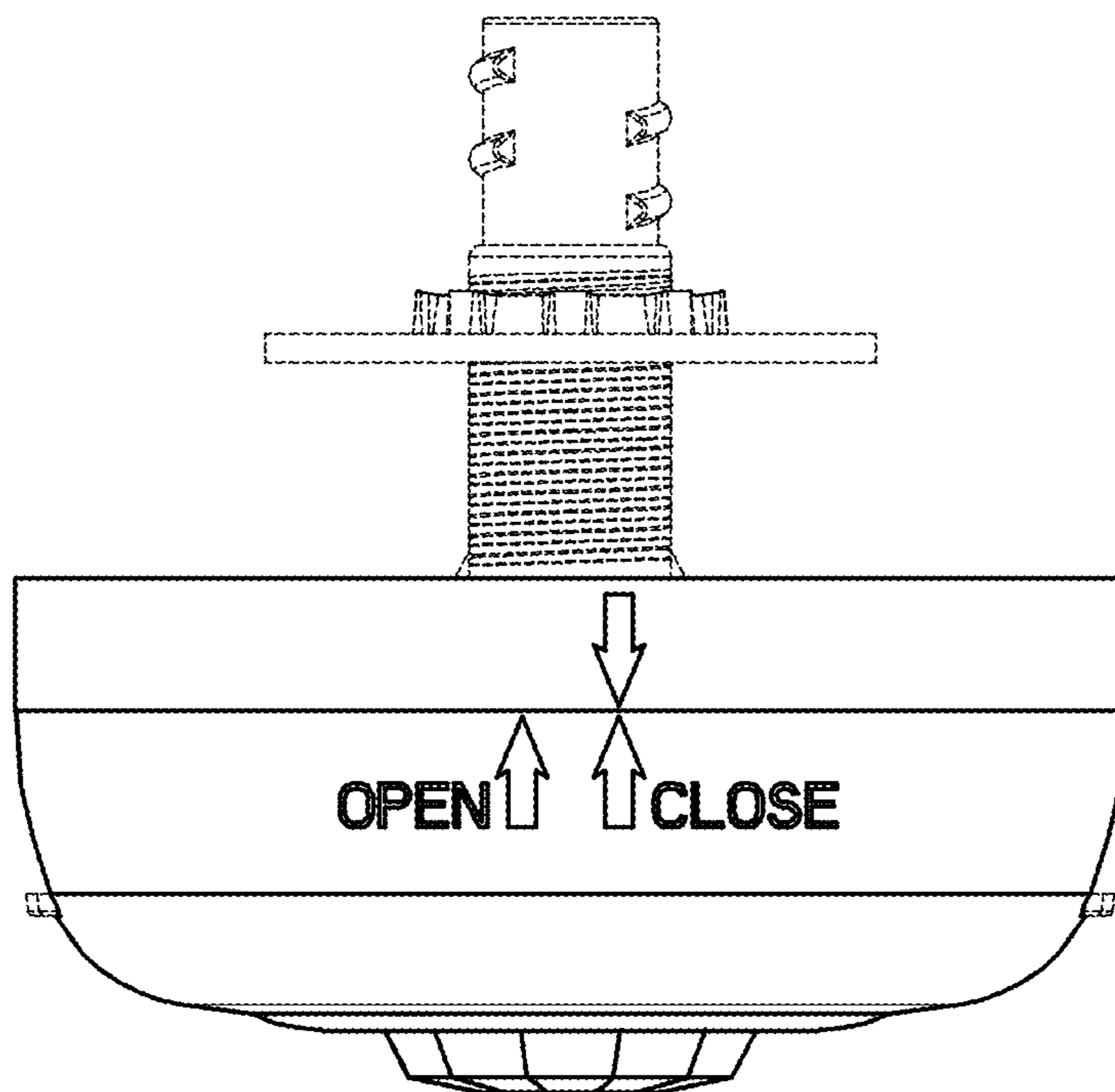


Figure 4

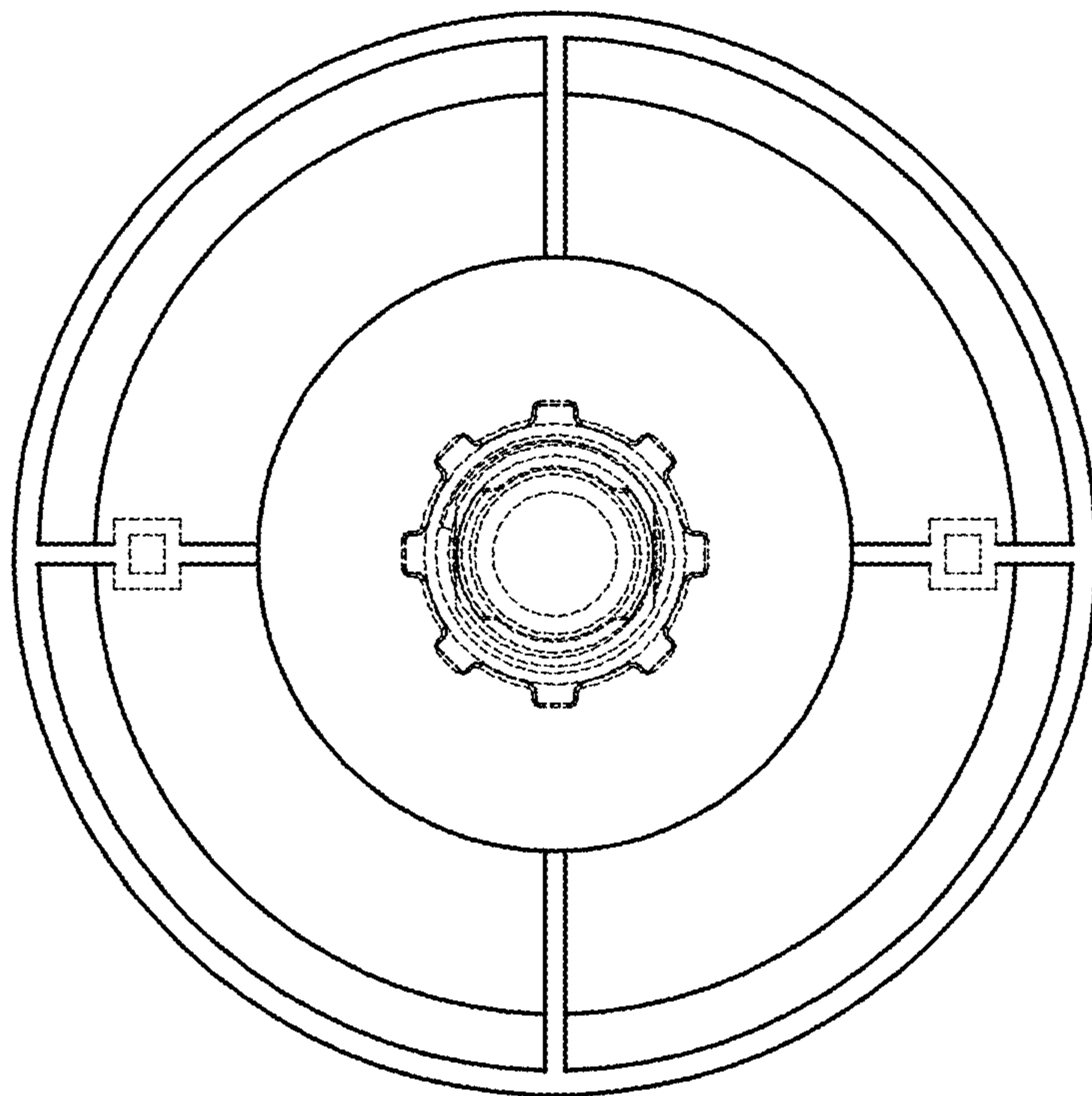


Figure 5

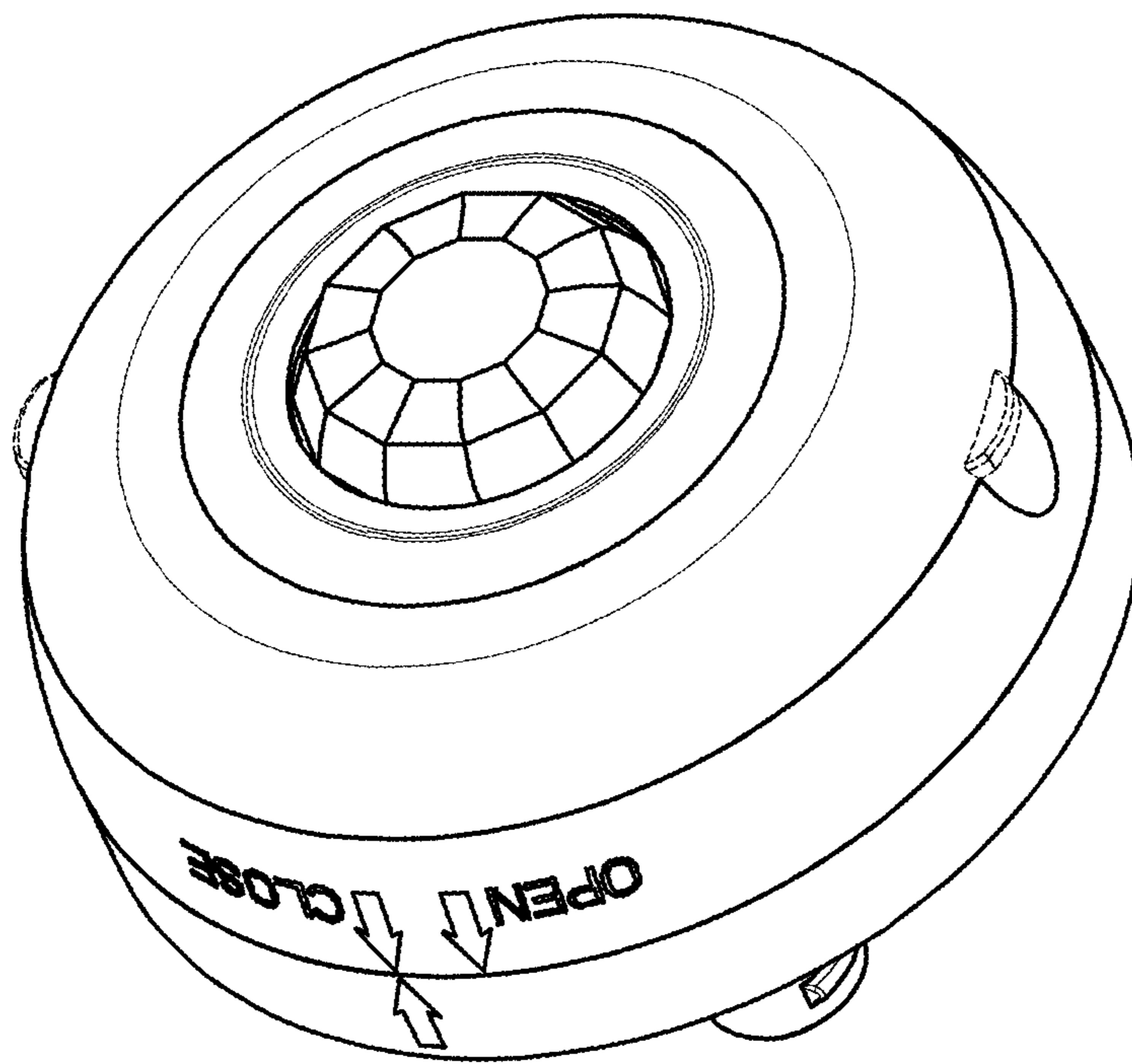


Figure 6



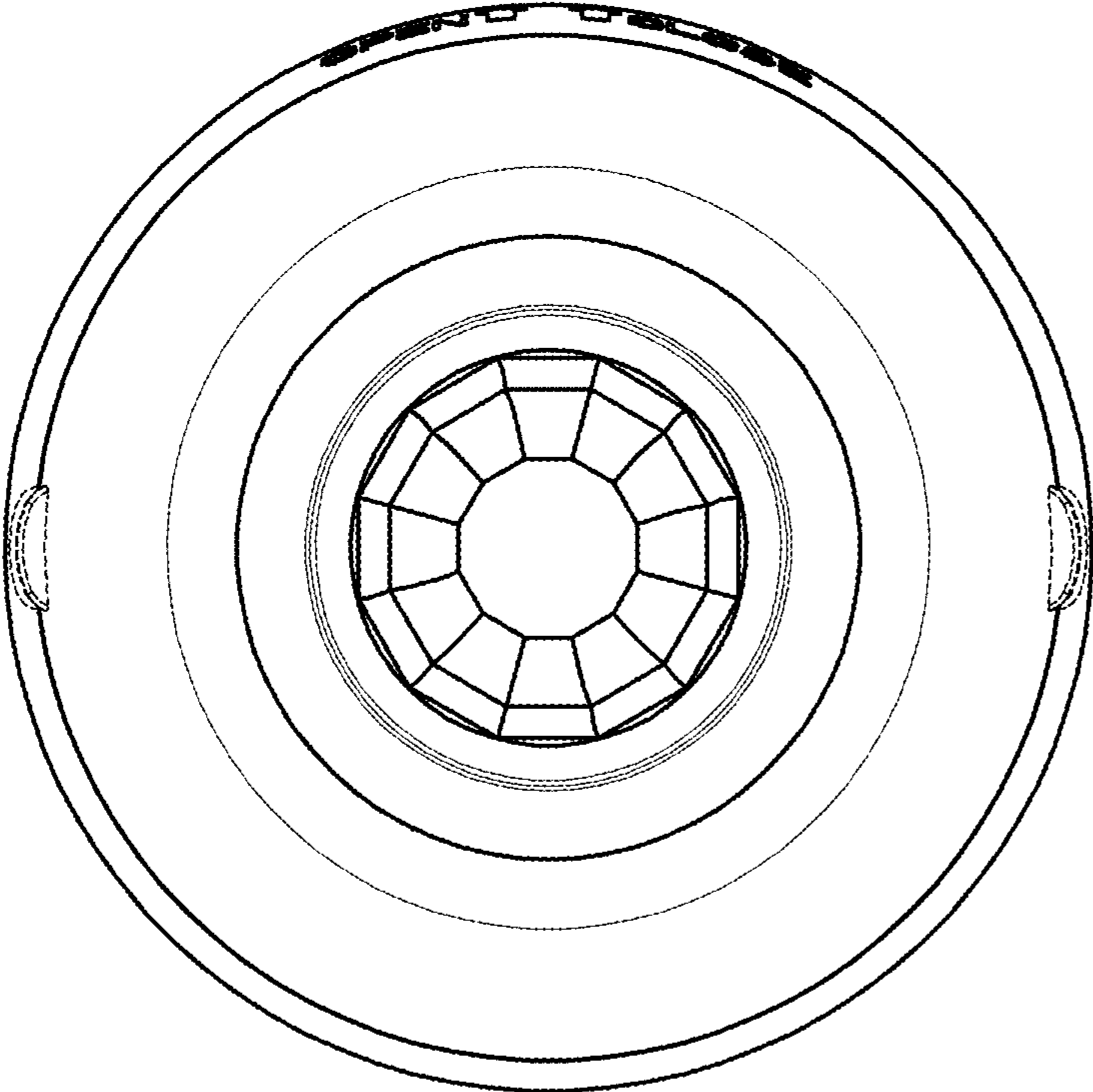


Figure 7

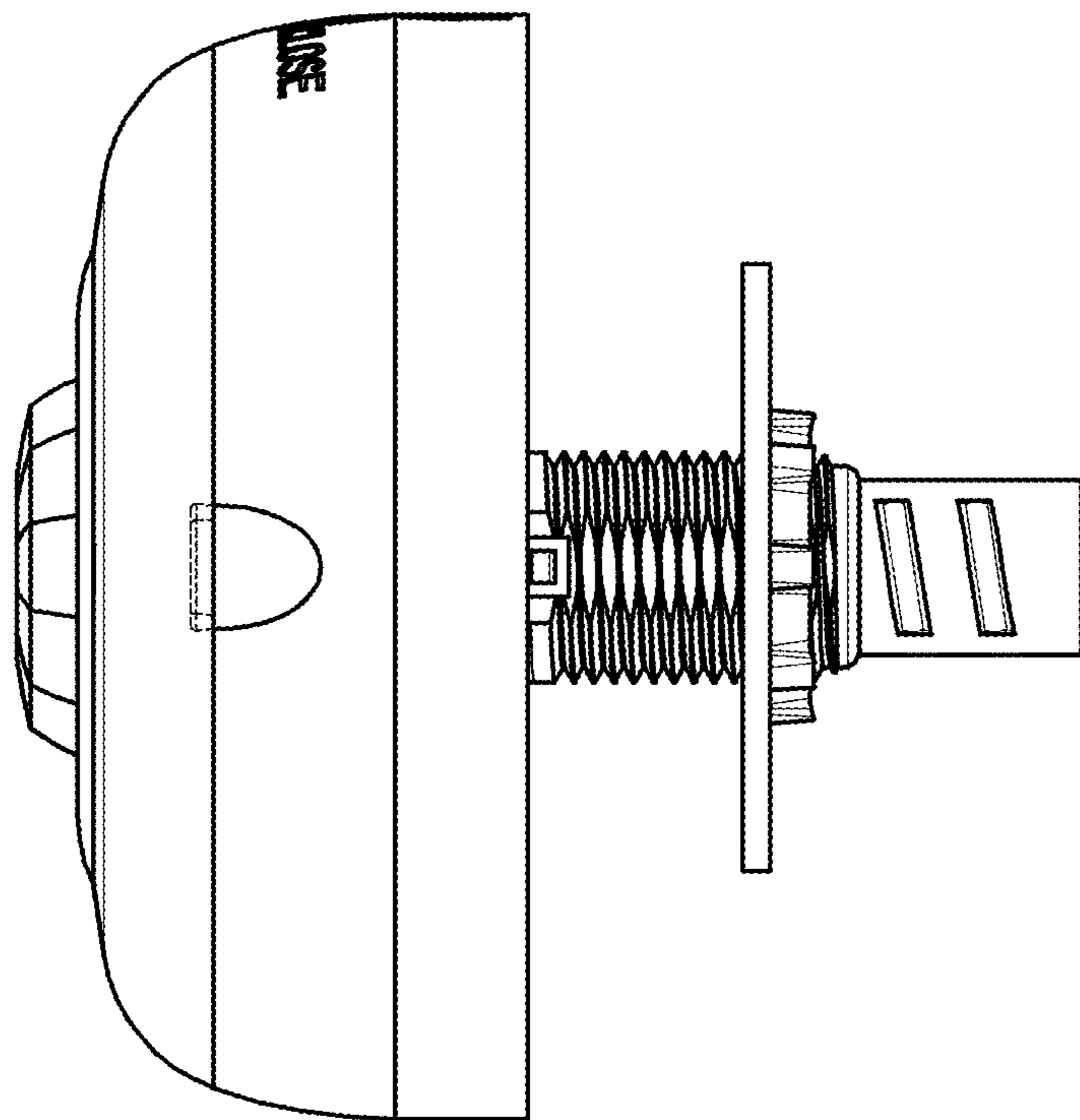


Figure 8

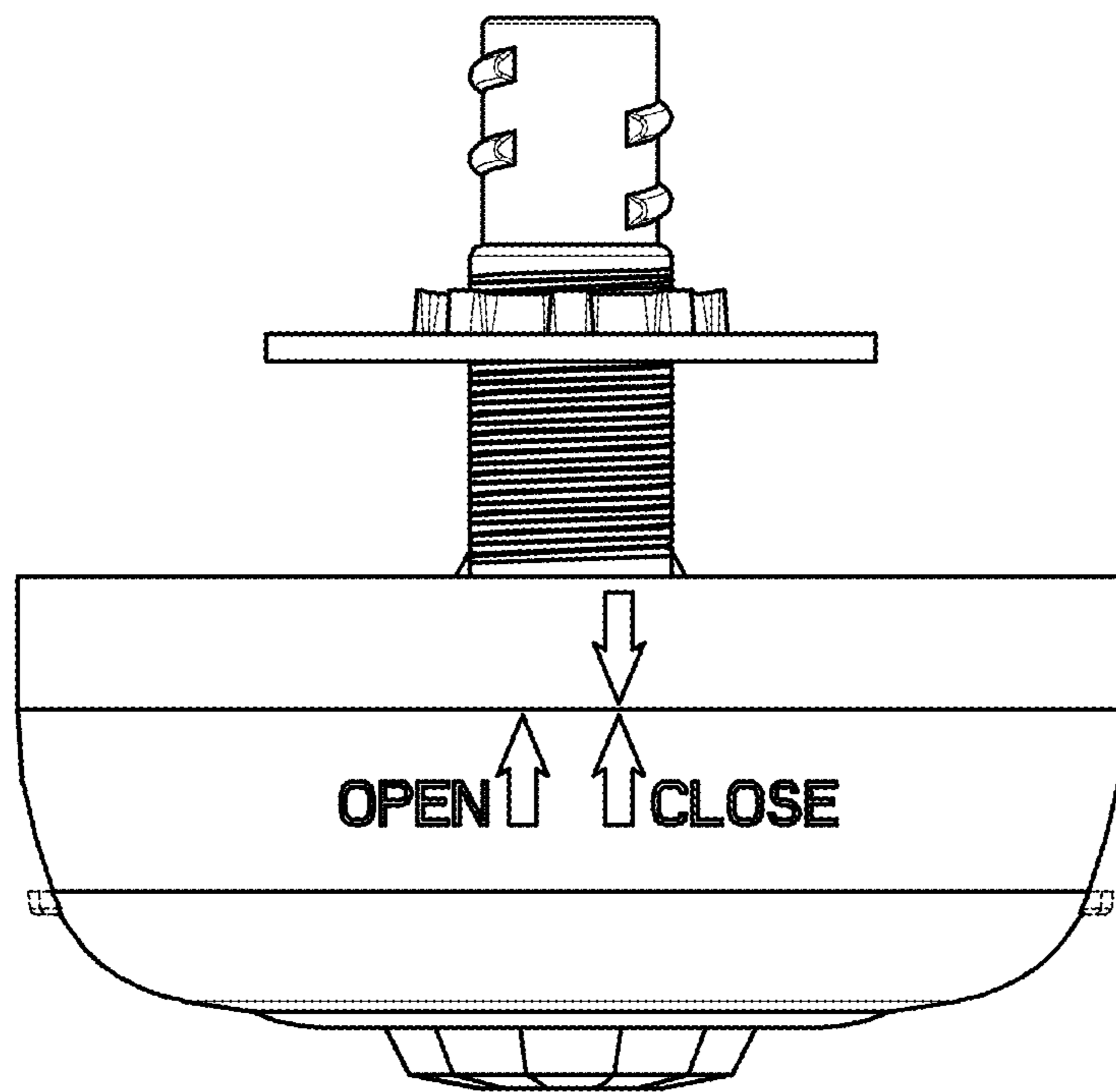


Figure 9

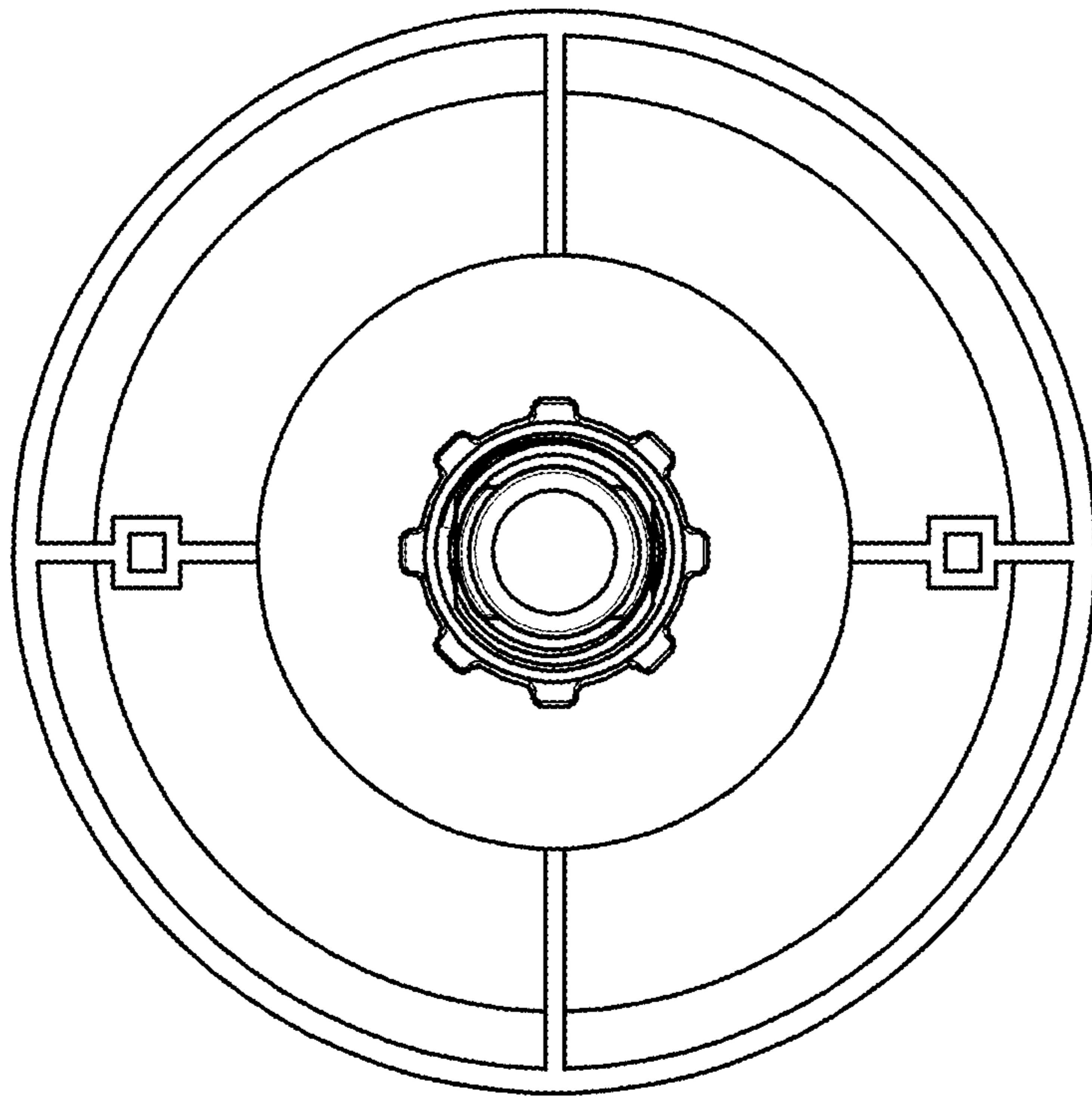


Figure 10

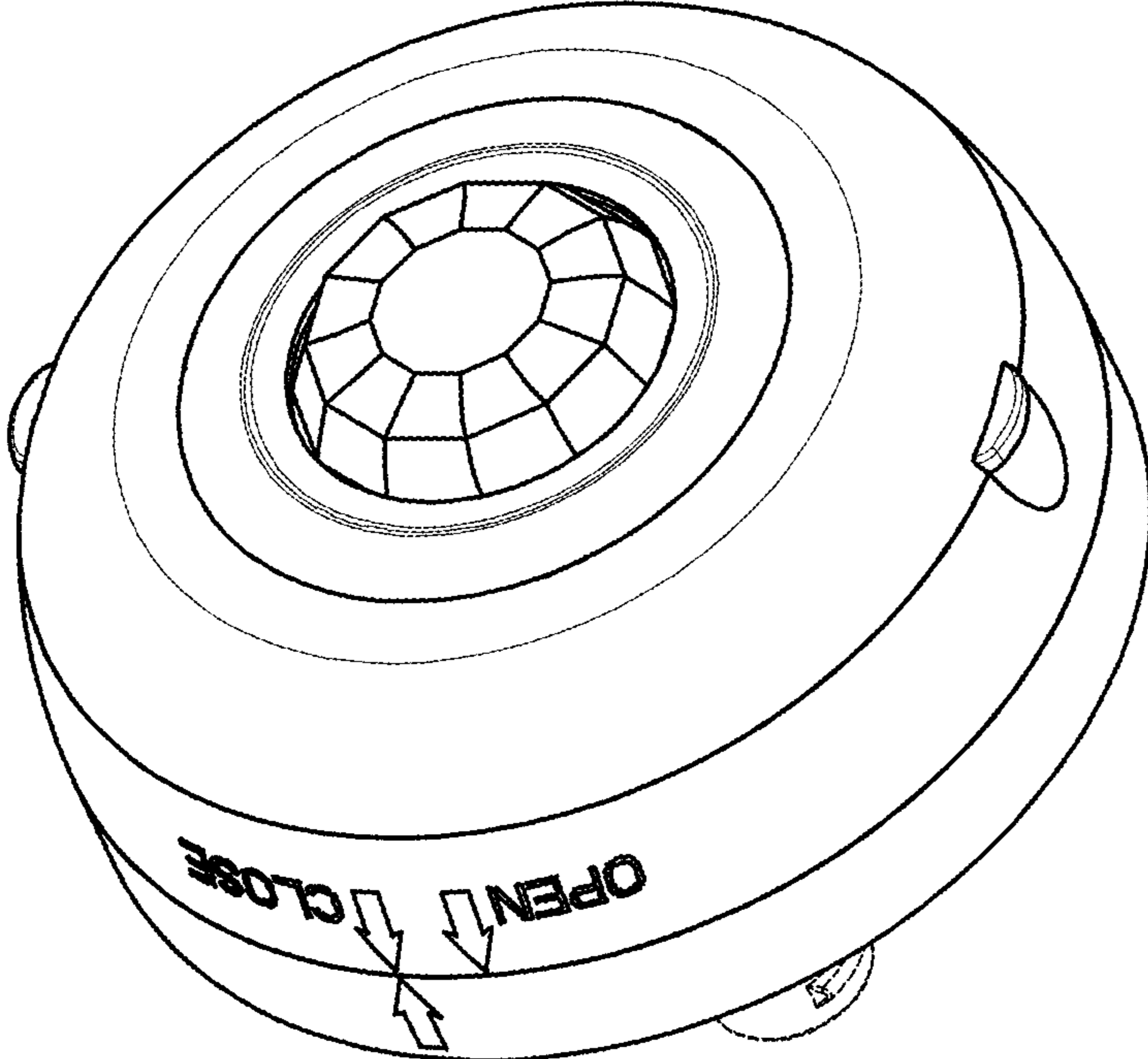


Figure 11

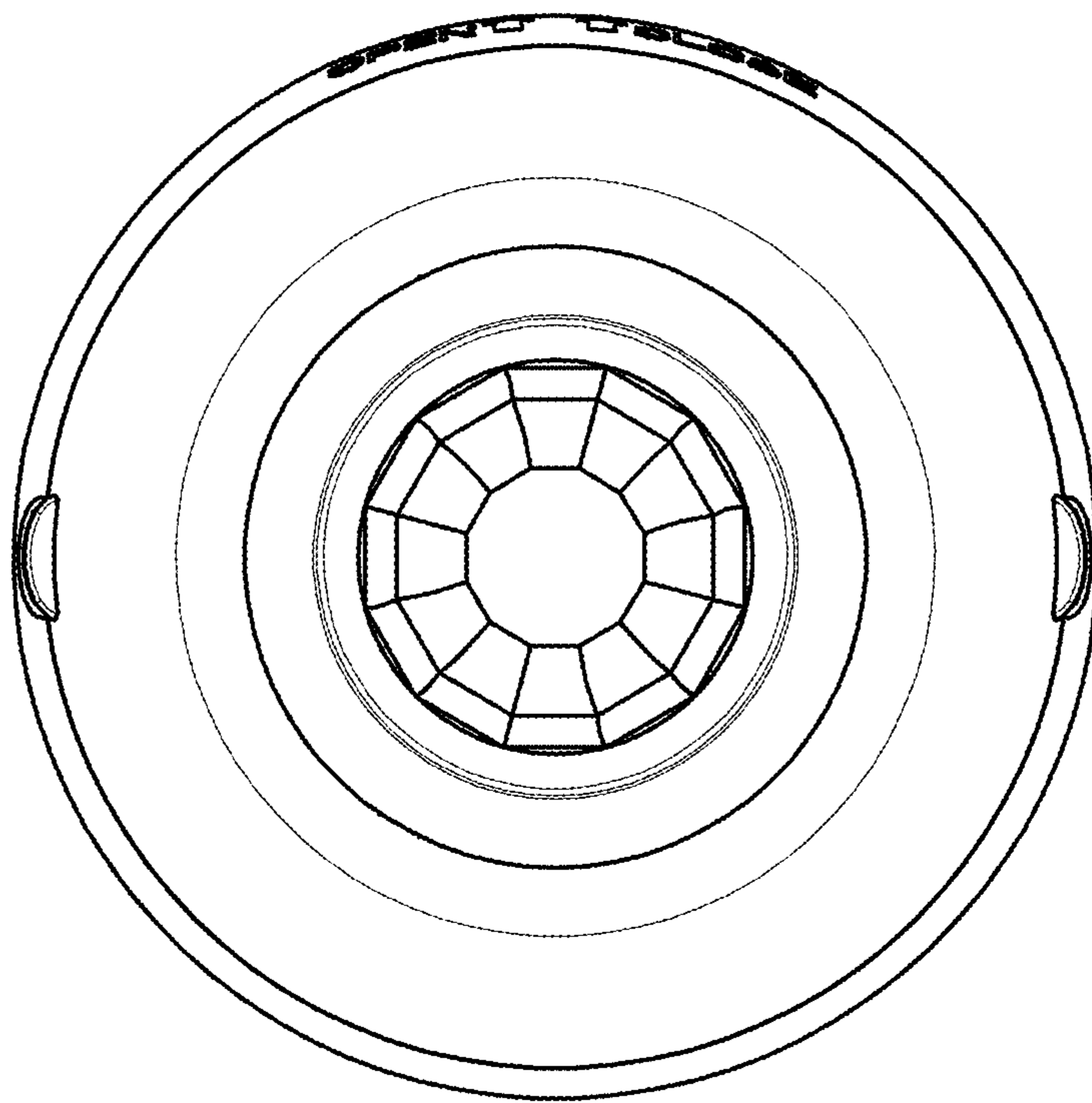


Figure 12

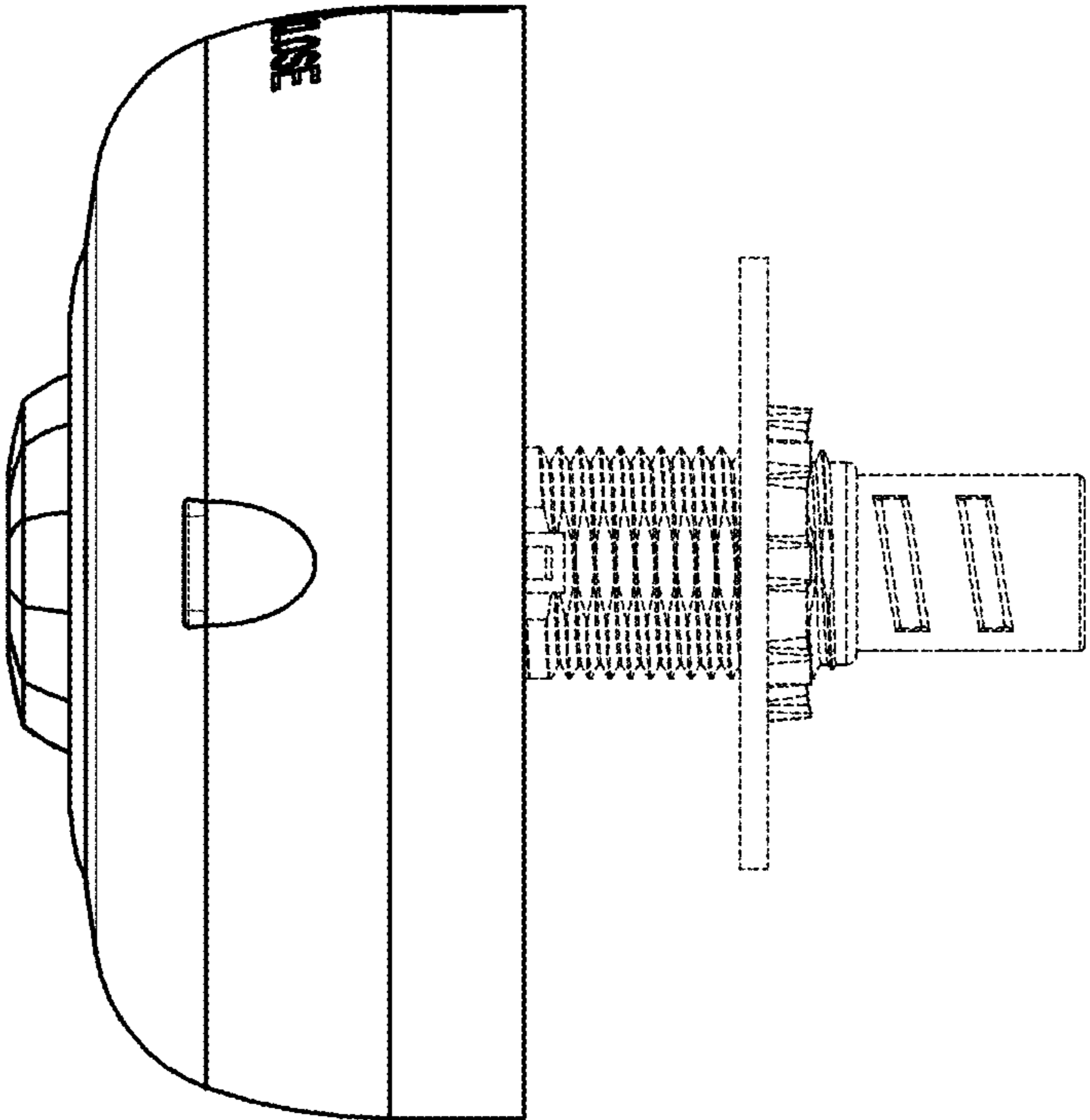


Figure 13

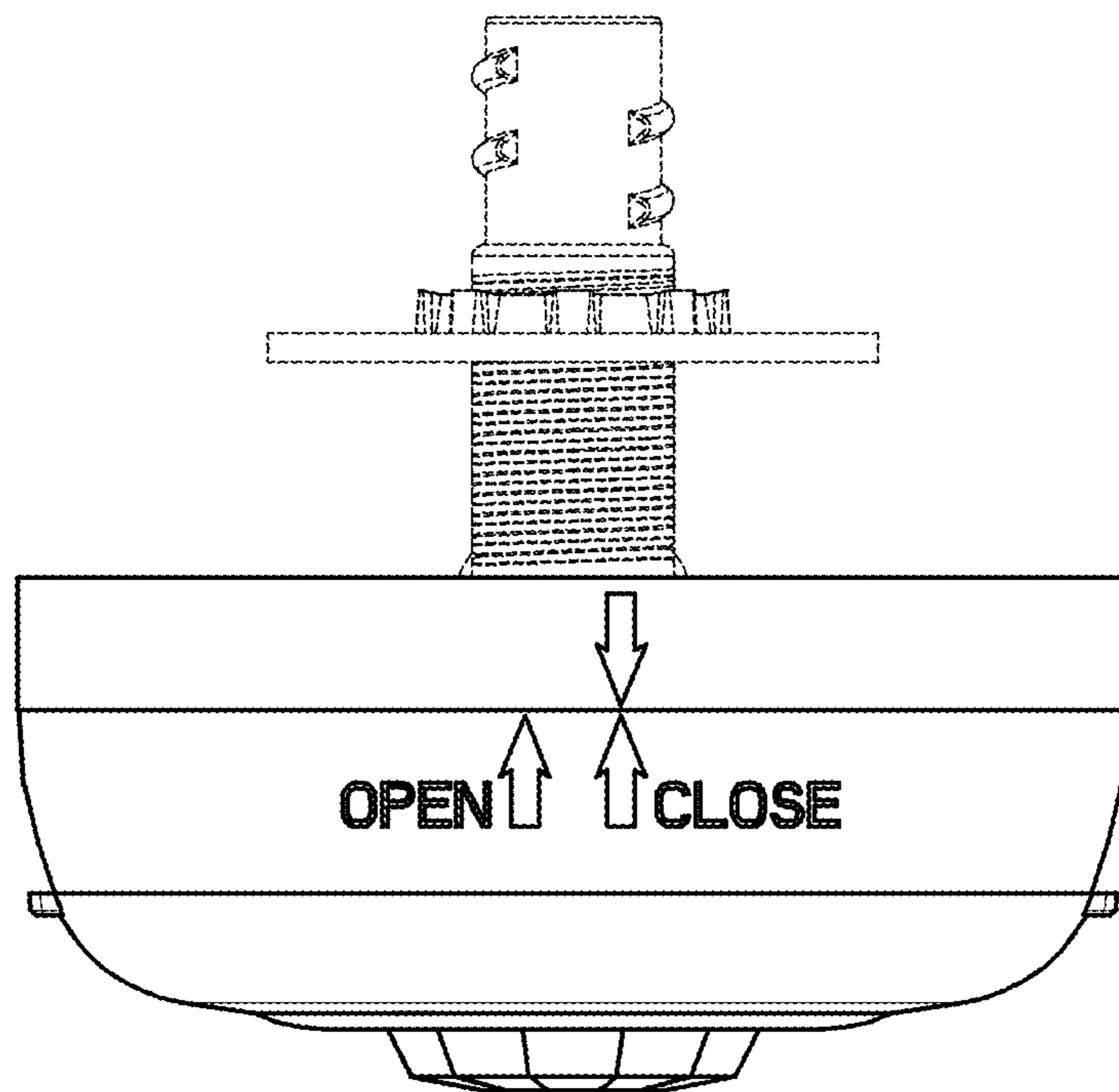


Figure 14



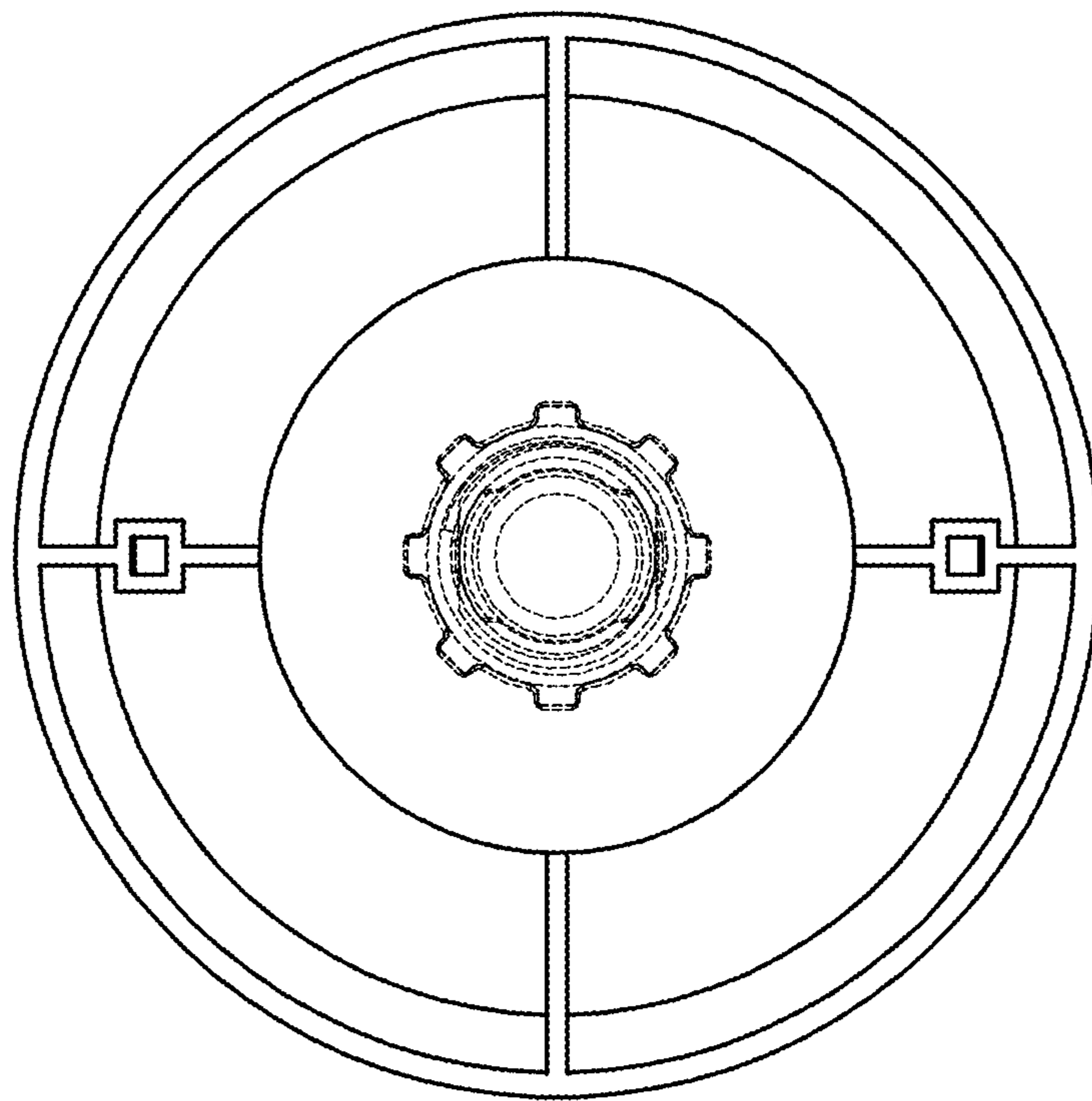


Figure 15

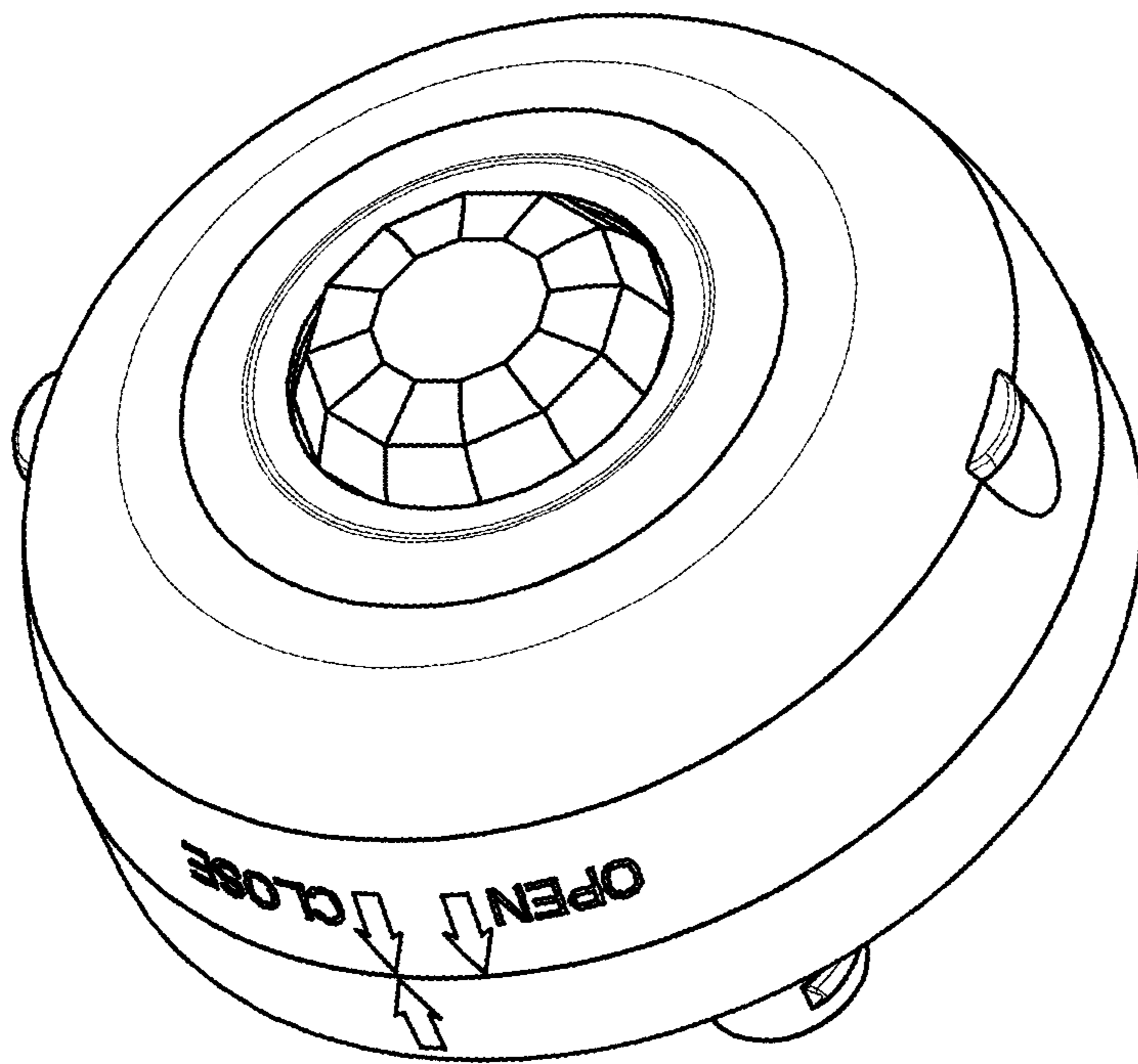


Figure 16

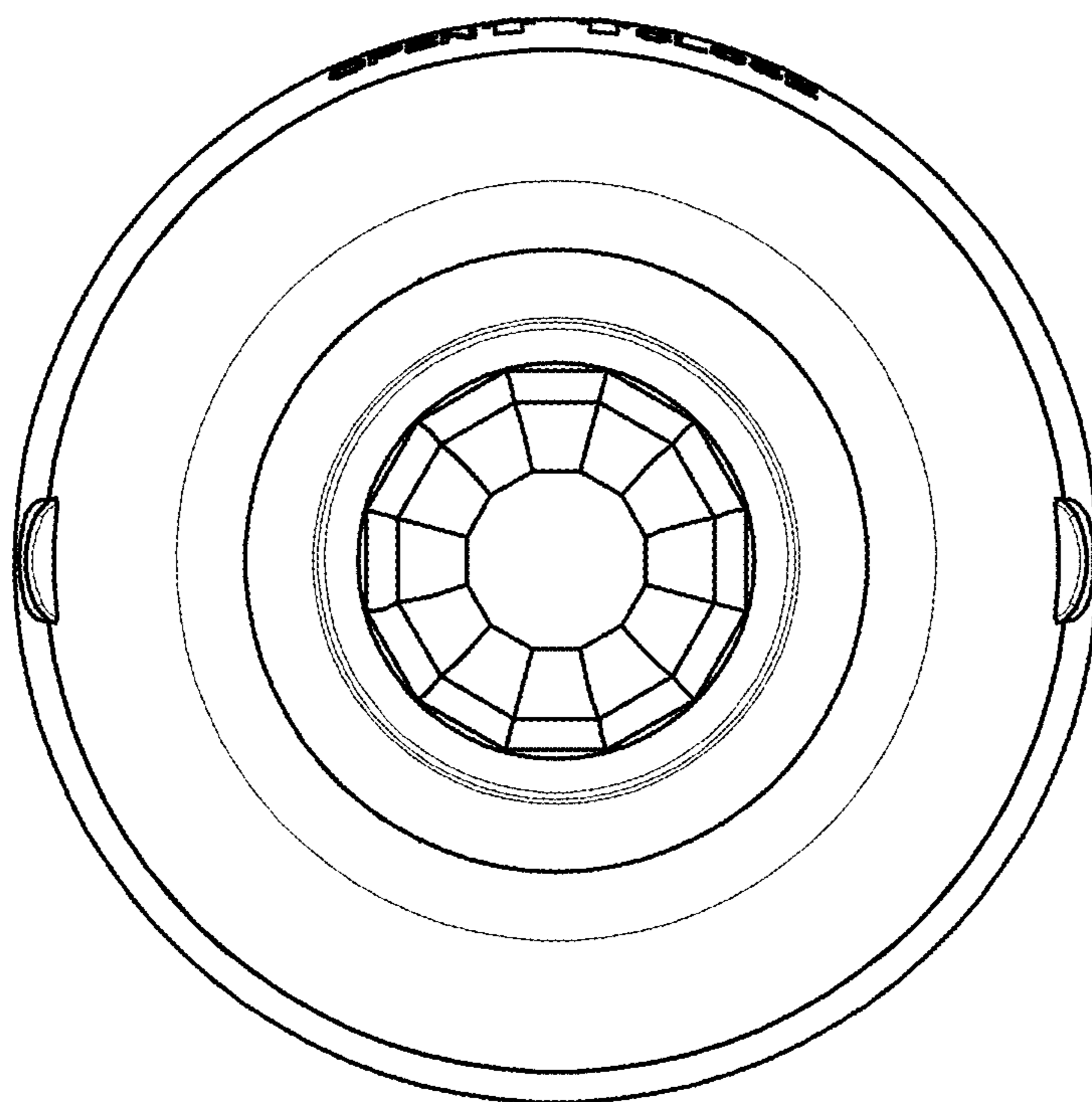


Figure 17

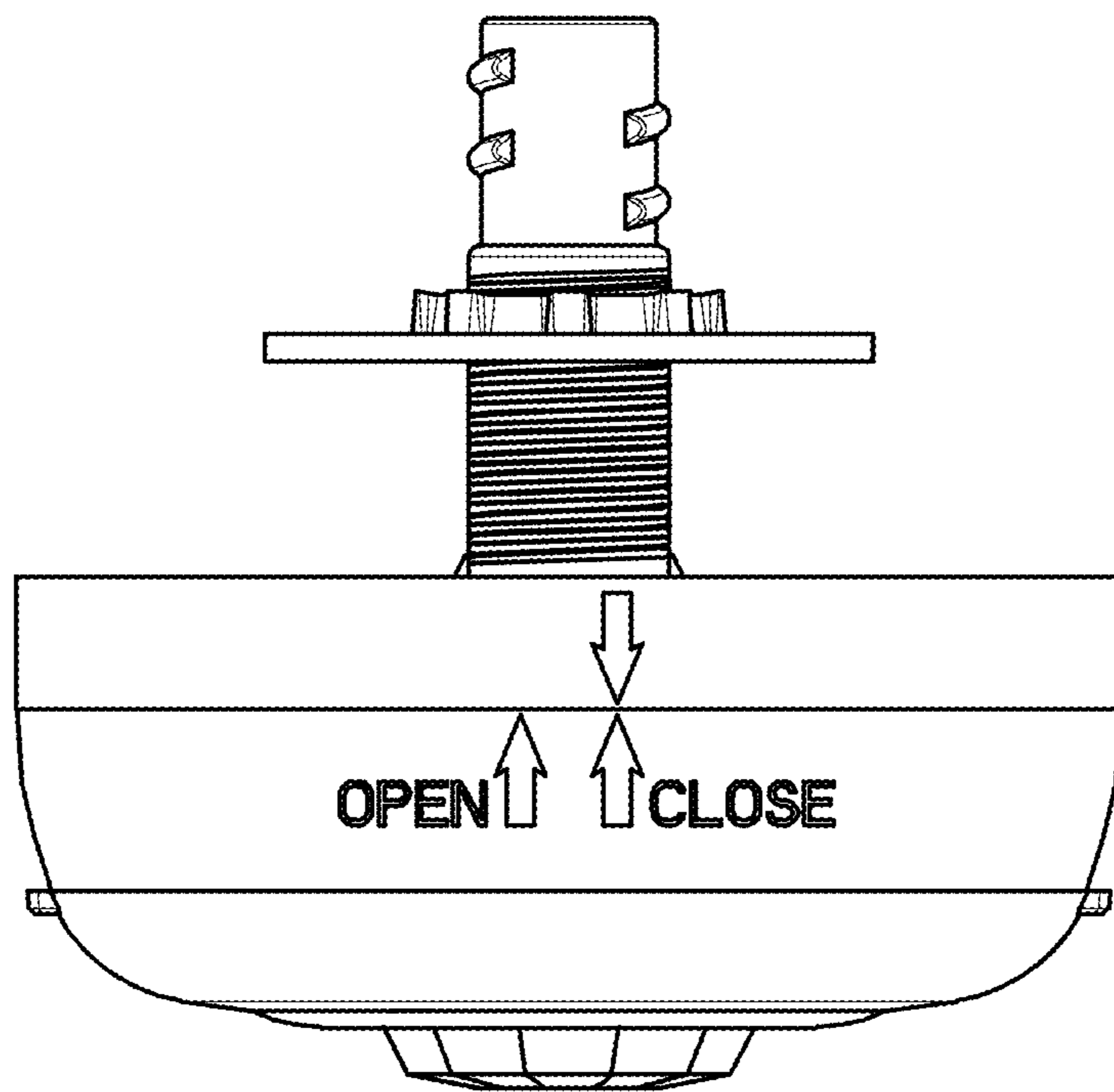


Figure 18

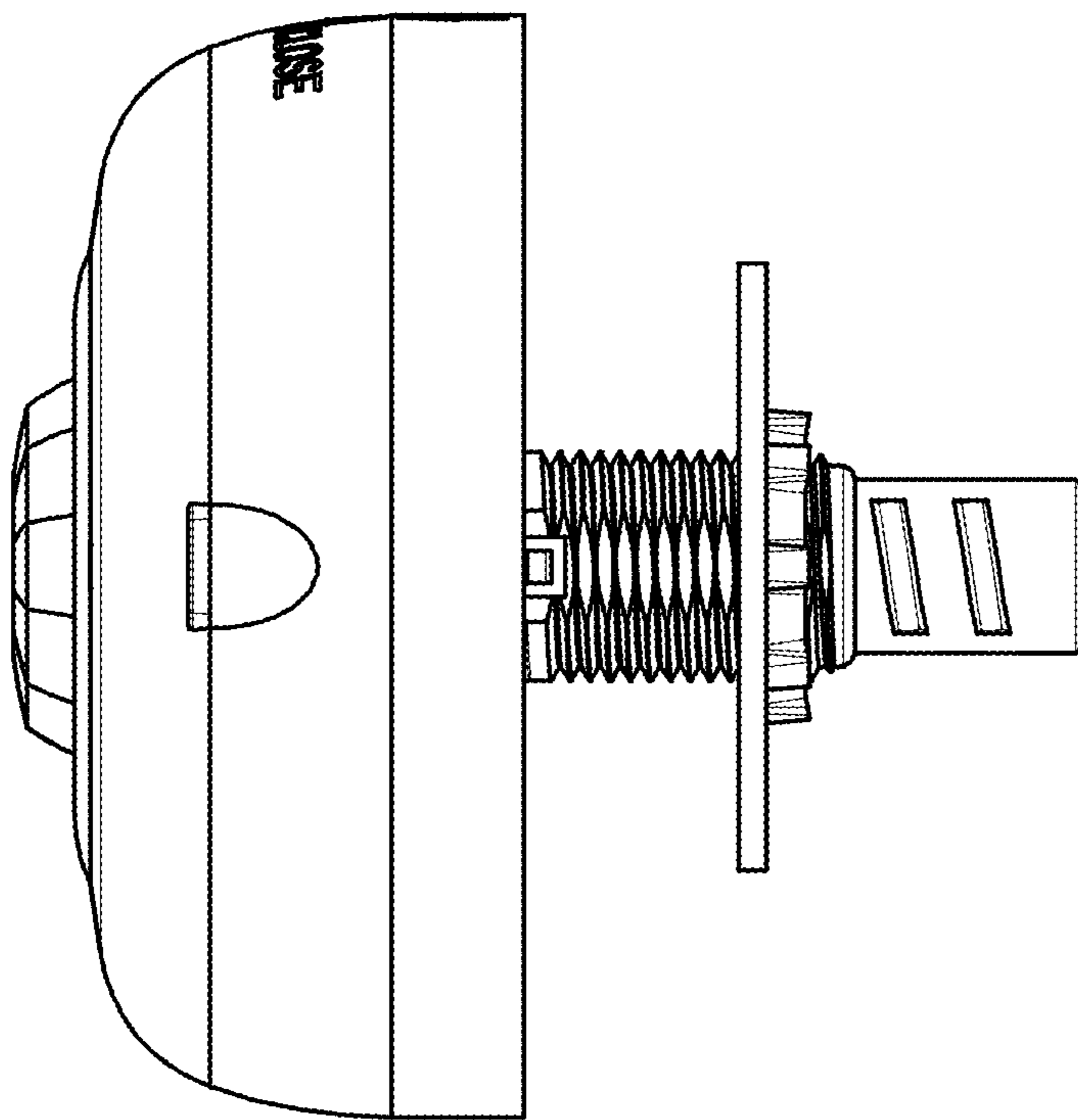


Figure 19

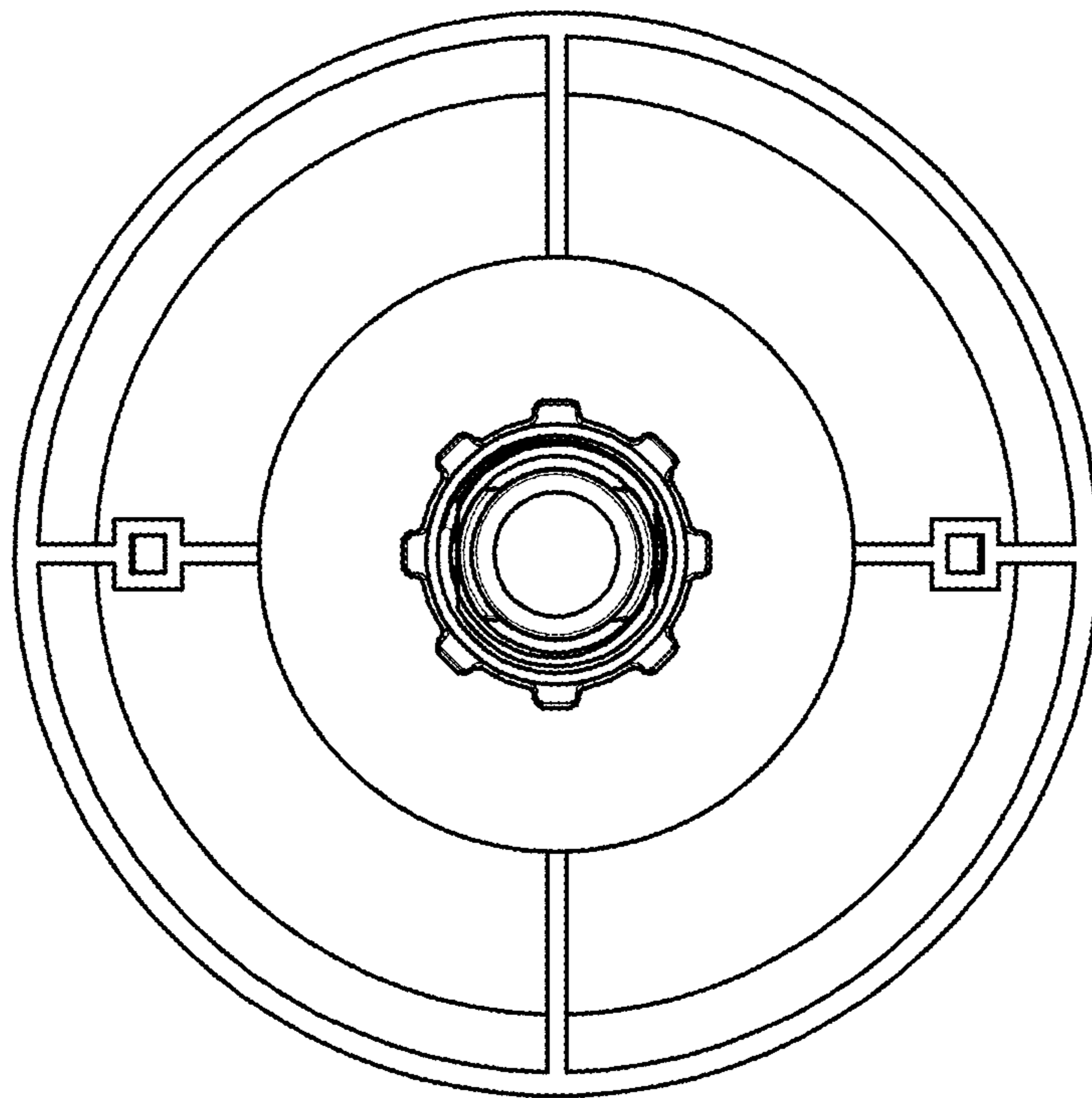


Figure 20