



US00D984396S

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

(10) **Patent No.:** **US D984,396 S**  
(45) **Date of Patent:** **\*\* Apr. 25, 2023**

(54) **LED CONTROLLER**

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

(21) Appl. No.: **29/800,908**

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(30) **Foreign Application Priority Data**

Jul. 8, 2021 (CN) ..... 202130429860.8

(51) **LOC (14) Cl.** ..... **14-03**

(52) **U.S. Cl.**  
USPC ..... **D13/168**

(58) **Field of Classification Search**  
USPC ..... D13/102, 110, 158, 162, 168, 171, 184;  
D10/40, 49, 104.1, 106.6; D14/218  
CPC ..... G08C 17/02; G09F 23/00; H01H 9/02;  
H01H 9/0214; H01H 9/0235; H04B  
1/202; F21S 4/00; F21S 4/10; F21S 4/20  
See application file for complete search history.

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*Primary Examiner* — Selina Sikder

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PC; Nathaniel Perkins

(57) **CLAIM**

The ornamental design for a LED controller, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevation view of a LED controller, showing a first embodiment of our new design;  
FIG. 2 is a rear elevation view of FIG. 1;  
FIG. 3 is a left side elevation view of FIG. 1;  
FIG. 4 is a right side elevation view of FIG. 1;  
FIG. 5 is a top plan view of FIG. 1;  
FIG. 6 is a bottom plan view of FIG. 1;  
FIG. 7 is a front, right, and top perspective view of FIG. 1;  
FIG. 8 is a front elevation view of a LED controller, showing a second embodiment of our new design;  
FIG. 9 is a rear elevation view of FIG. 8;  
FIG. 10 is a left side elevation view of FIG. 8;  
FIG. 11 is a right side elevation view of FIG. 8;  
FIG. 12 is a top plan view of FIG. 8;  
FIG. 13 is a bottom plan view of FIG. 8;

(Continued)

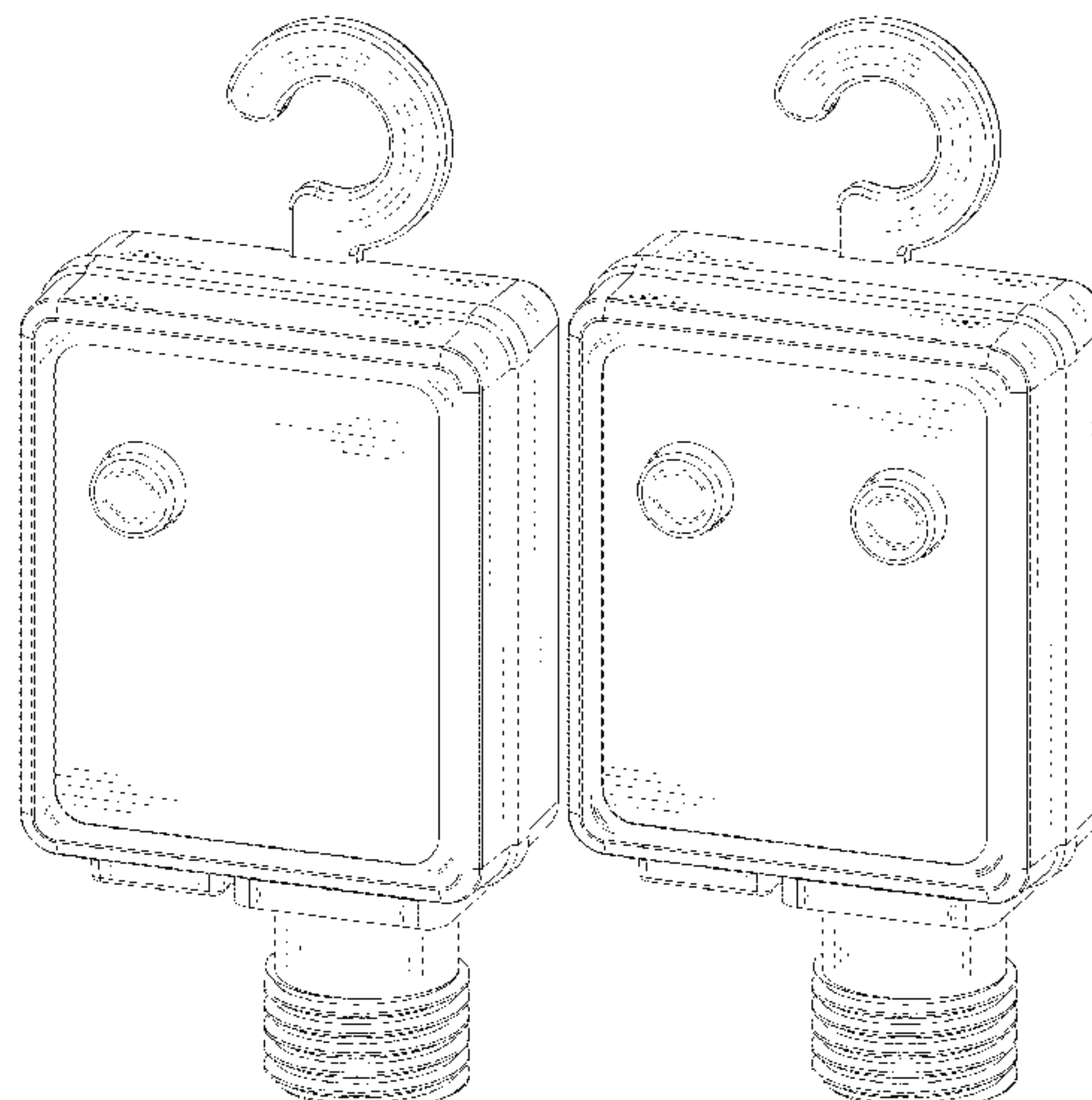


FIG. 14 is a front, right, and top perspective view of FIG. 8;  
FIG. 15 is a front elevation view of a LED controller,  
showing a third embodiment of our new design;  
FIG. 16 is a rear elevation view of FIG. 15;  
FIG. 17 is a left side elevation view of FIG. 15;  
FIG. 18 is a right side elevation view of FIG. 15;  
FIG. 19 is a top plan view of FIG. 15;  
FIG. 20 is a bottom plan view of FIG. 15;  
FIG. 21 is a front, right, and top perspective view of FIG. 15;  
FIG. 22 is a front elevation view of a LED controller,  
showing a fourth embodiment of our new design;  
FIG. 23 is a rear elevation view of FIG. 22;  
FIG. 24 is a left side elevation view of FIG. 22;  
FIG. 25 is a right side elevation view of FIG. 22;  
FIG. 26 is a top plan view of FIG. 22;  
FIG. 27 is a bottom plan view of FIG. 22;  
FIG. 28 is a front, right, and top perspective view of FIG. 22;

FIG. 29 is a front elevation view of a LED controller,  
showing a fifth embodiment of our new design;  
FIG. 30 is a rear elevation view of FIG. 29;  
FIG. 31 is a left side elevation view of FIG. 29;  
FIG. 32 is a right side elevation view of FIG. 29;  
FIG. 33 is a top plan view of FIG. 29;  
FIG. 34 is a bottom plan view of FIG. 29;  
FIG. 35 is a front, right, and top perspective view of FIG. 29;  
FIG. 36 is a front elevation view of a LED controller,  
showing a sixth embodiment of our new design;  
FIG. 37 is a rear elevation view of FIG. 36;  
FIG. 38 is a left side elevation view of FIG. 36;  
FIG. 39 is a right side elevation view of FIG. 36;  
FIG. 40 is a top plan view of FIG. 36;  
FIG. 41 is a bottom plan view of FIG. 36; and,  
FIG. 42 is a front, right, and top perspective view of FIG. 36.

**1 Claim, 42 Drawing Sheets**

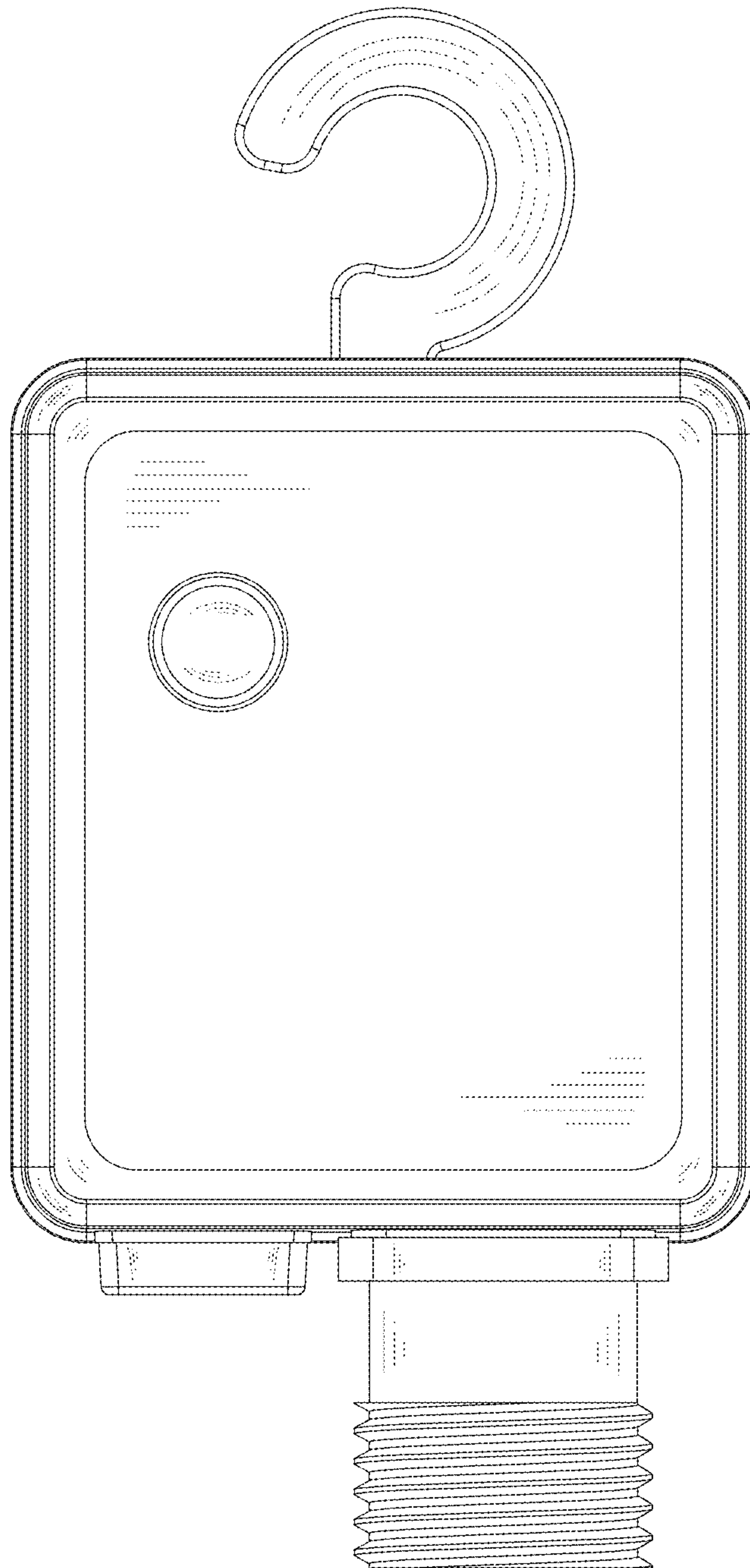


FIG.1

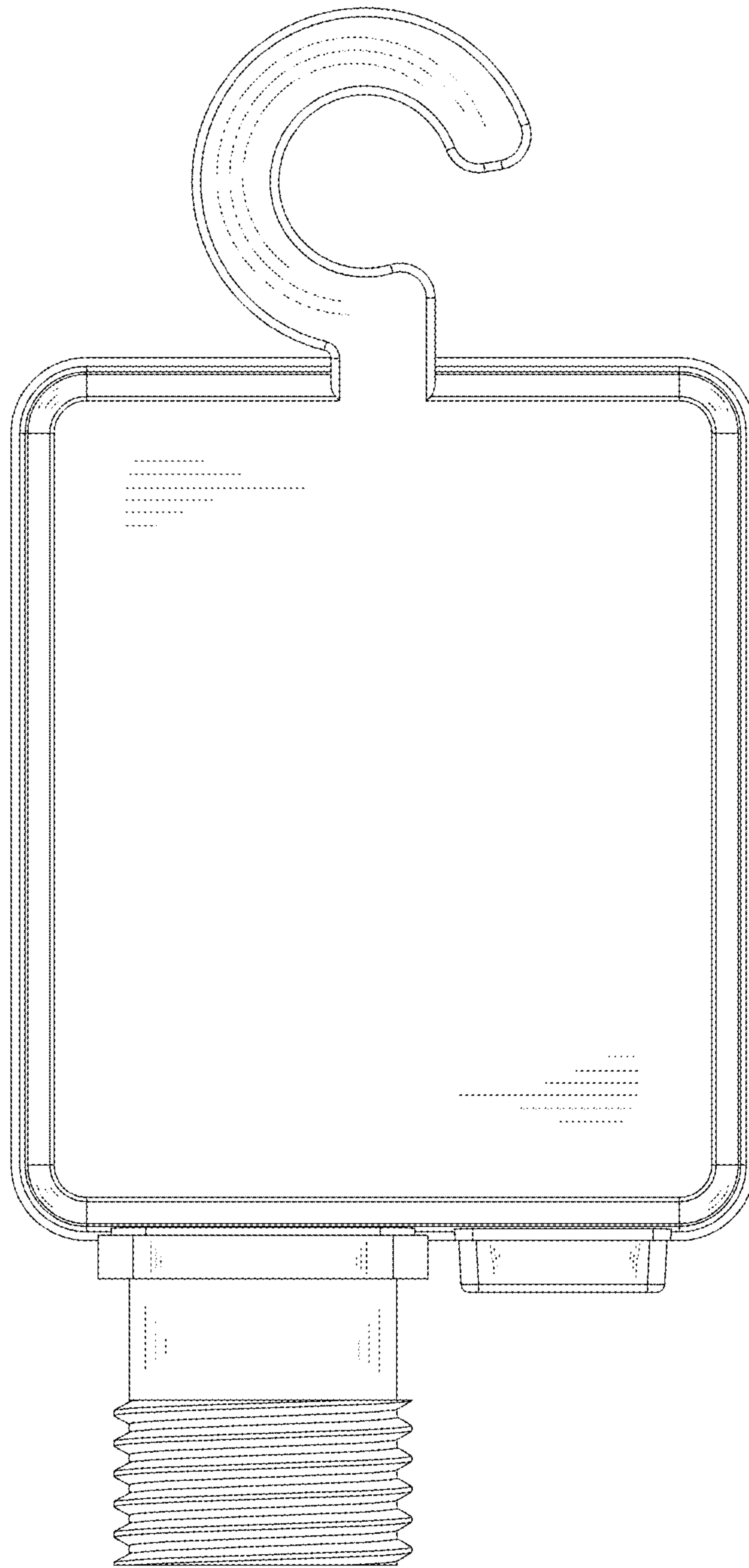


FIG. 2



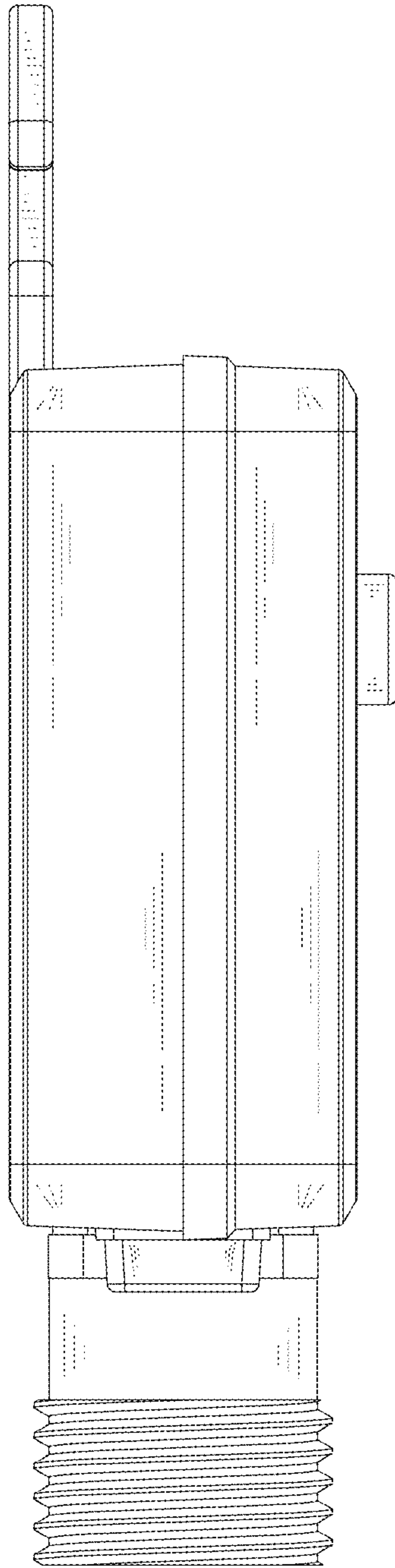


FIG. 3

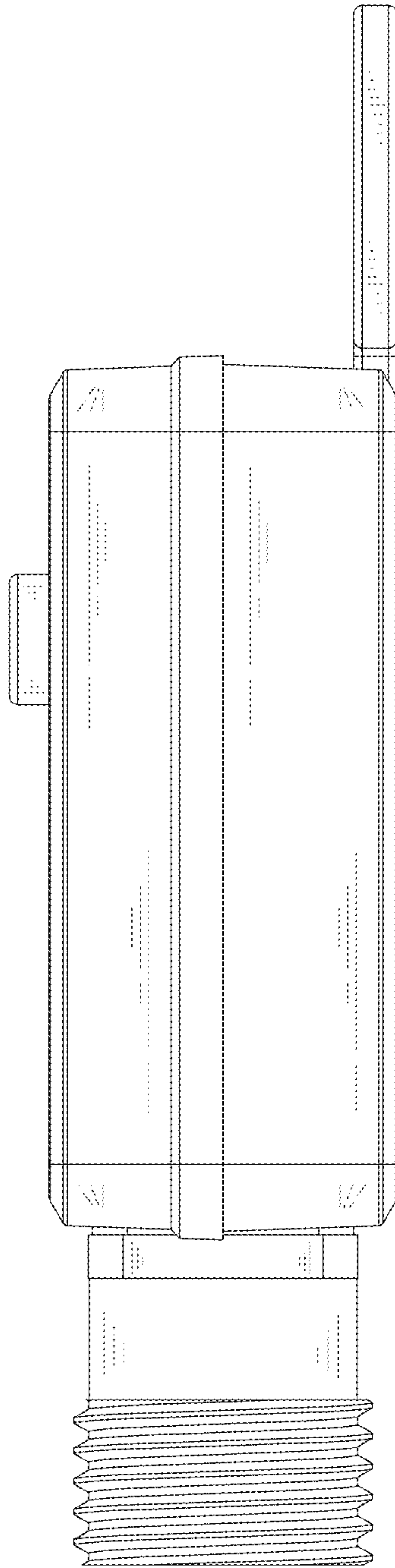


FIG. 4

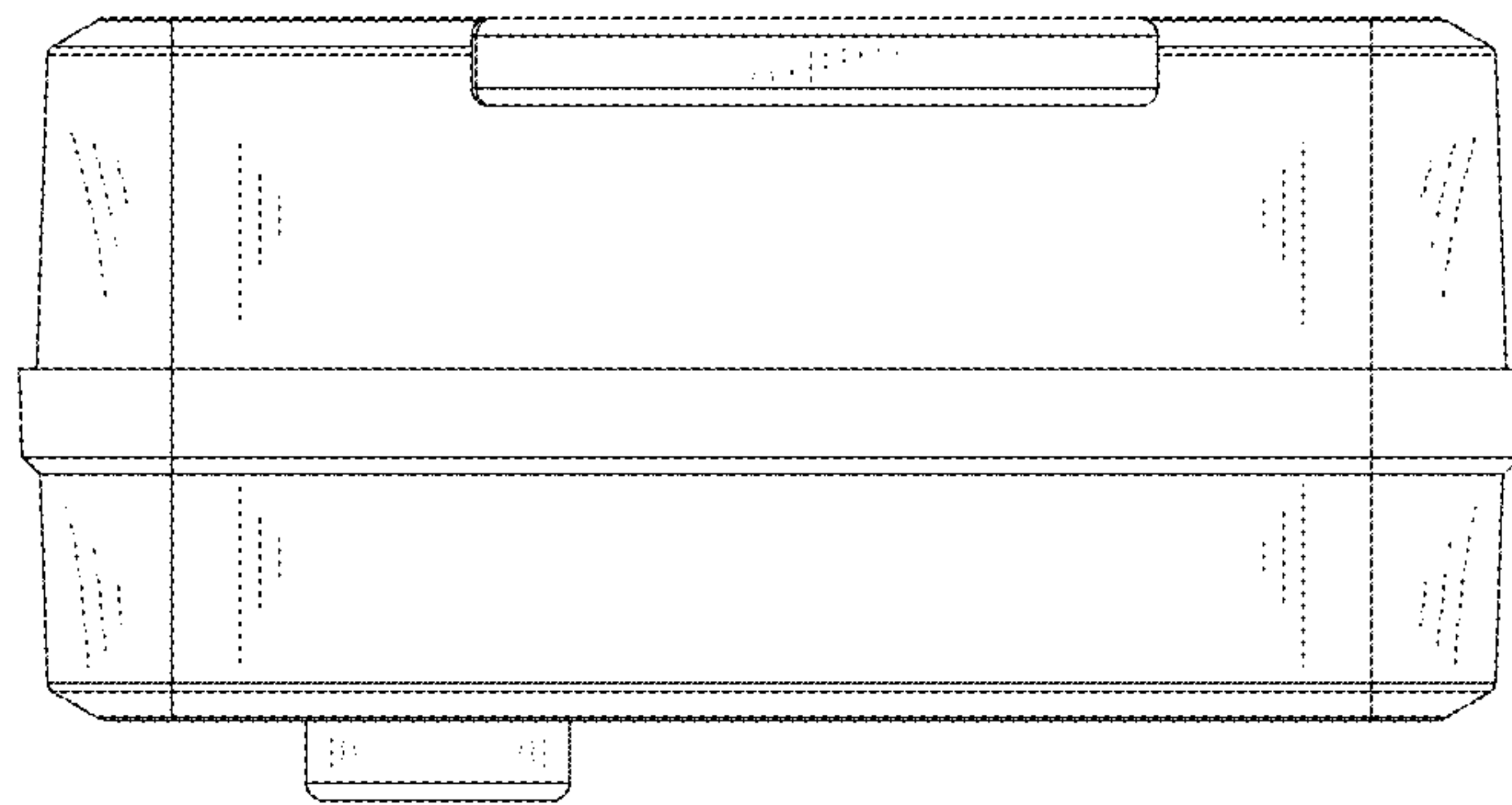


FIG. 5

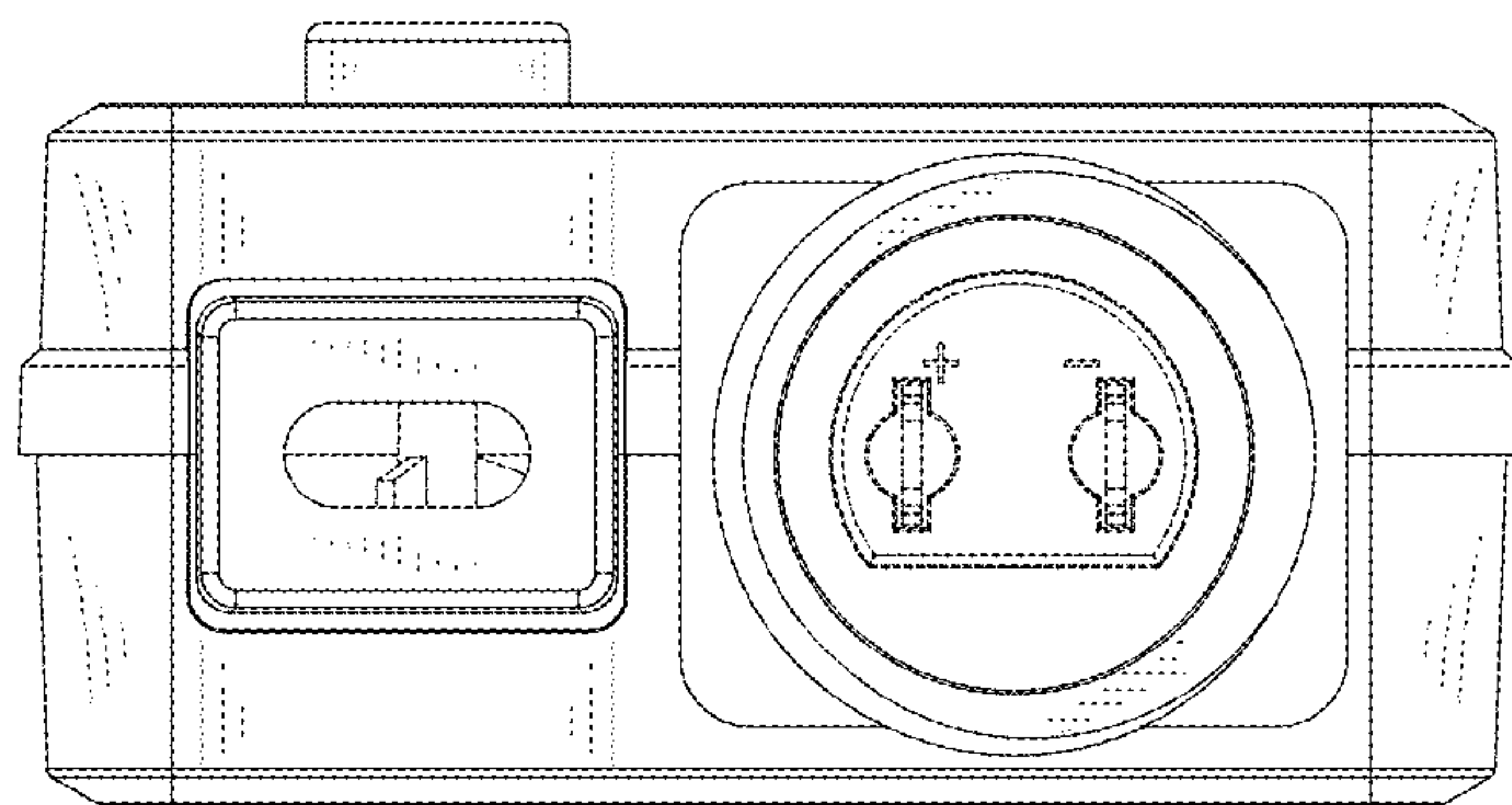


FIG.6



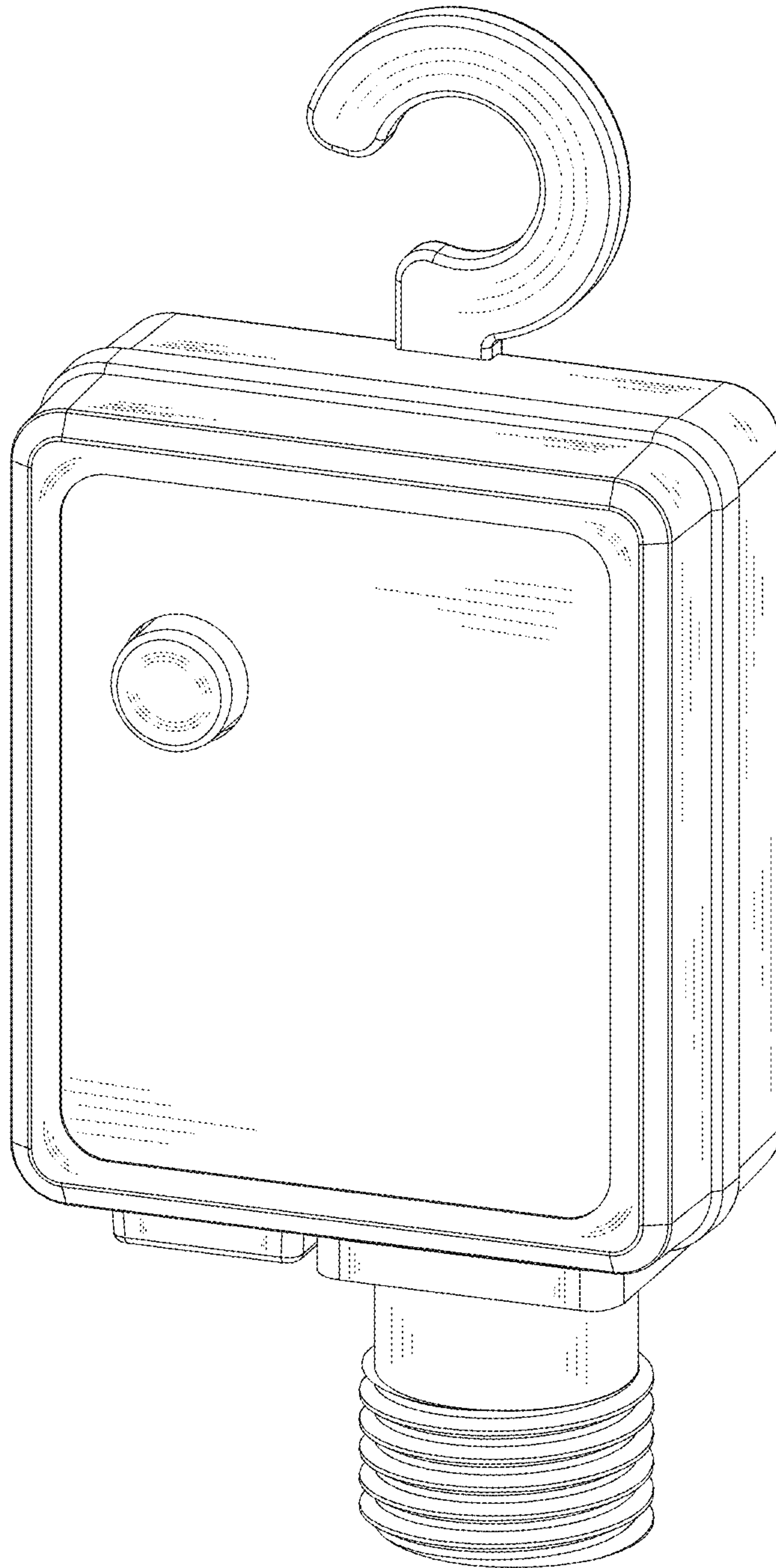


FIG. 7

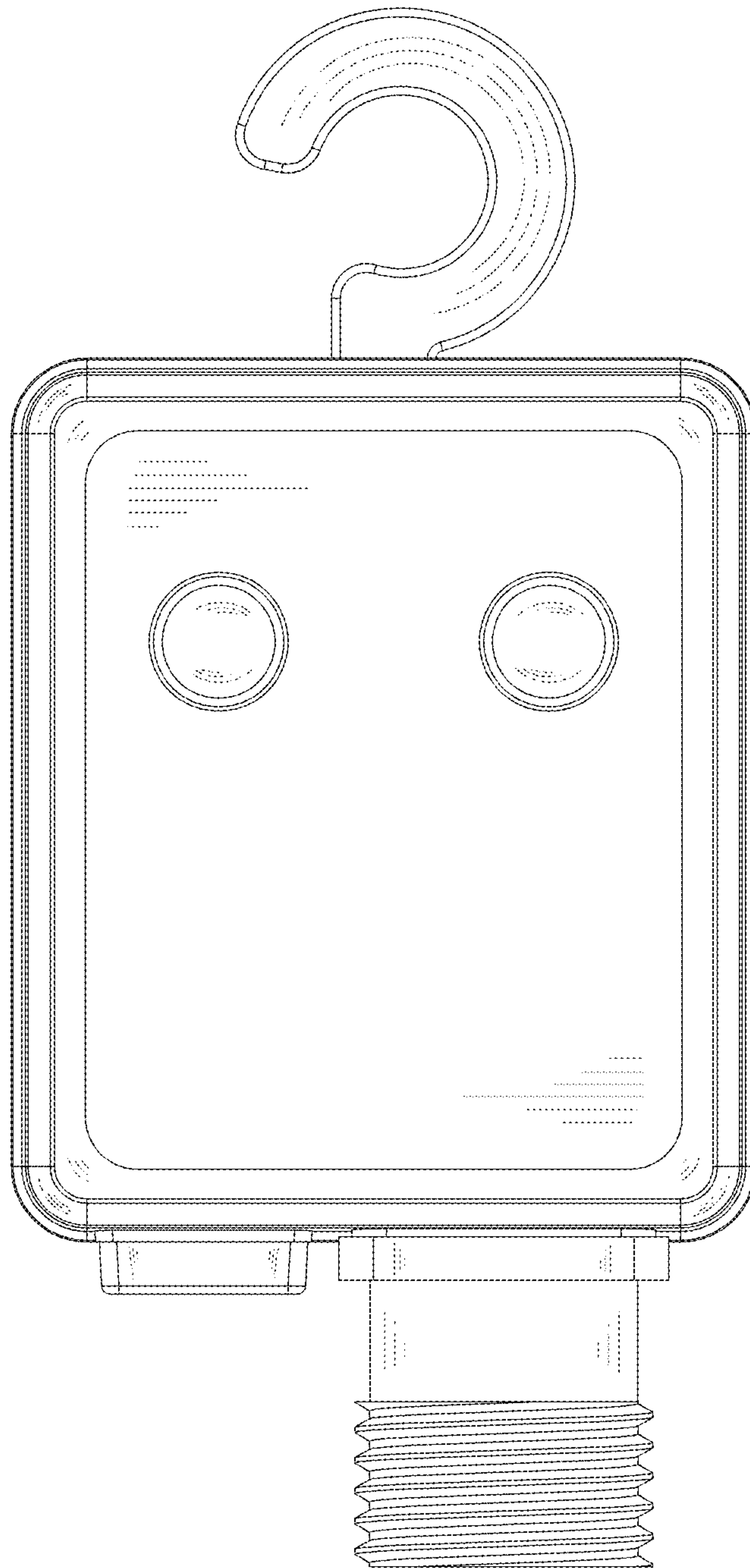


FIG. 8

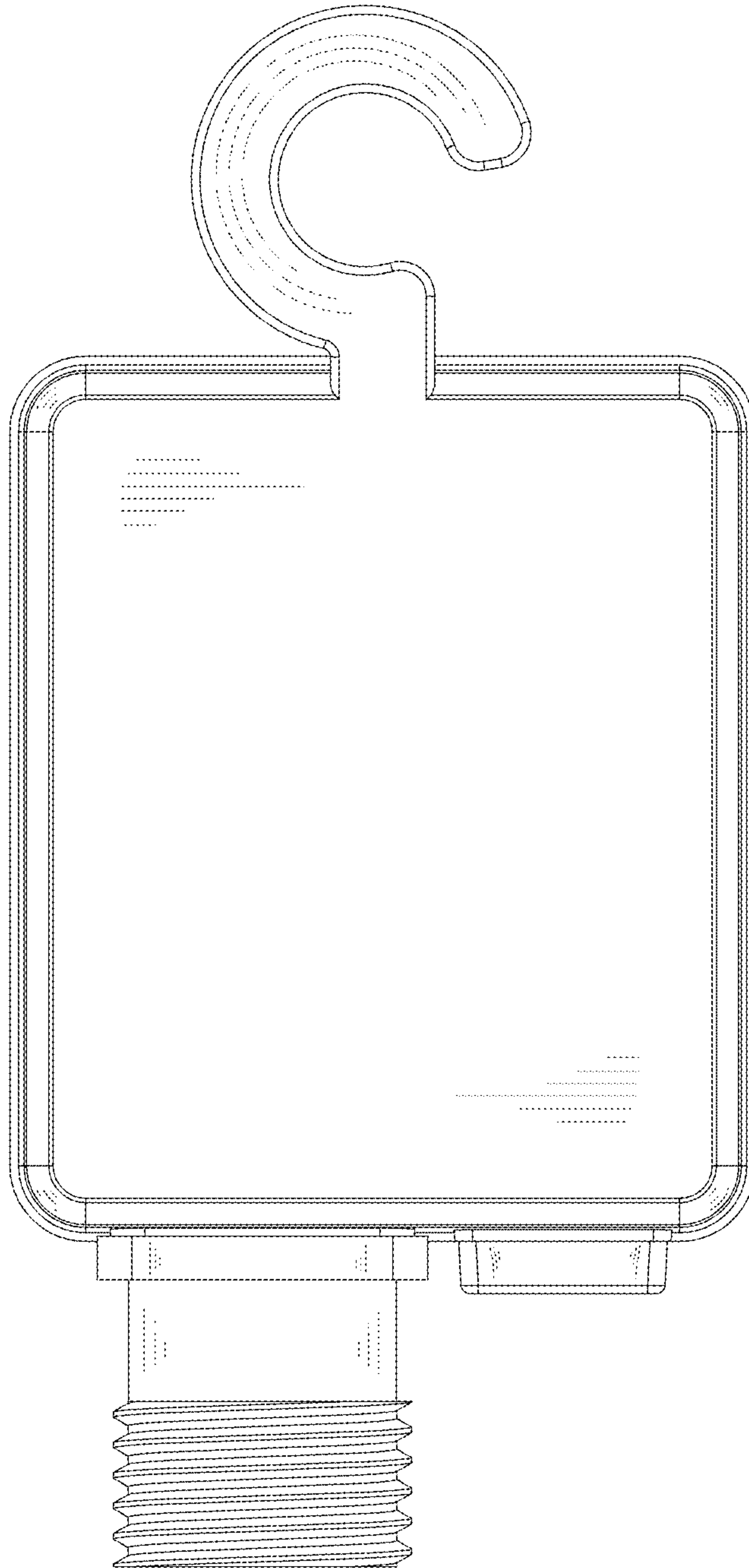


FIG. 9

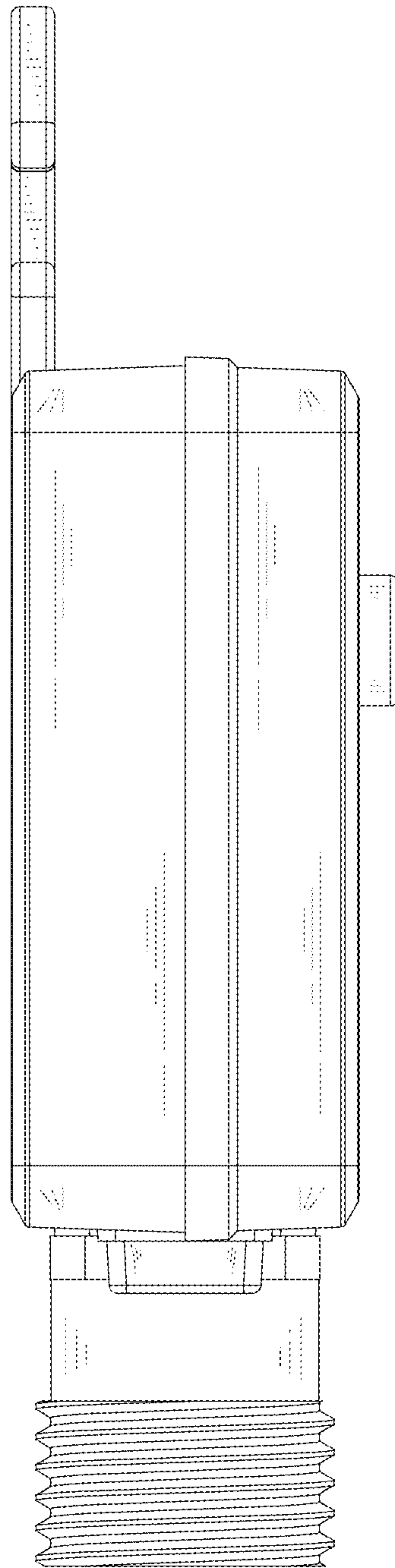


FIG. 10

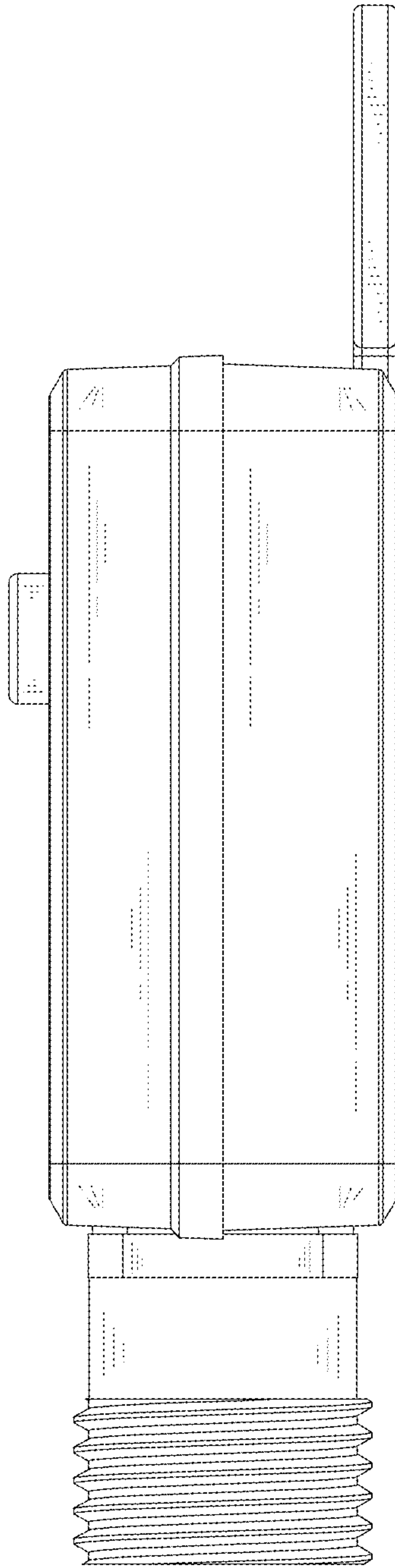


FIG. 11

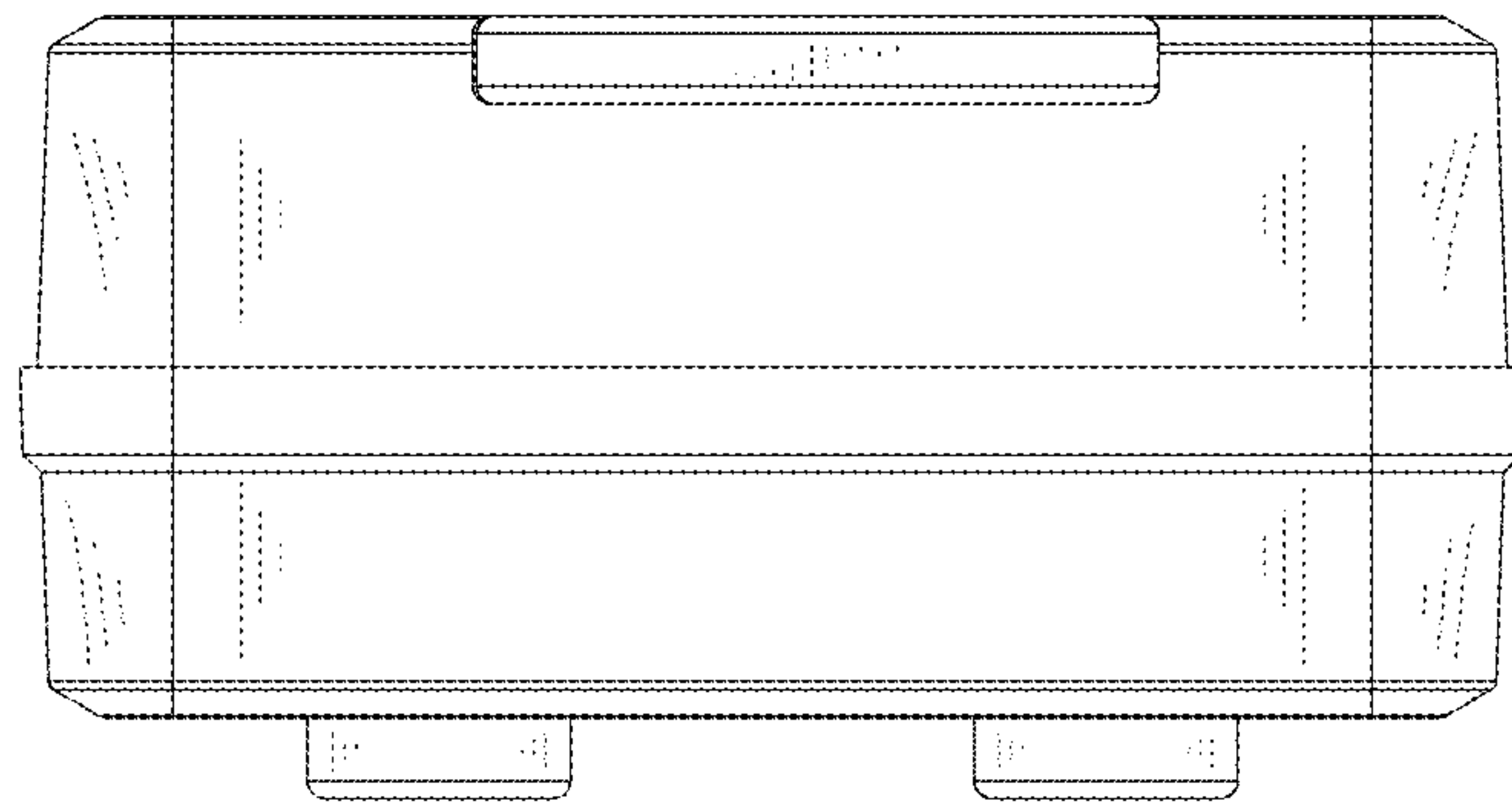


FIG.12



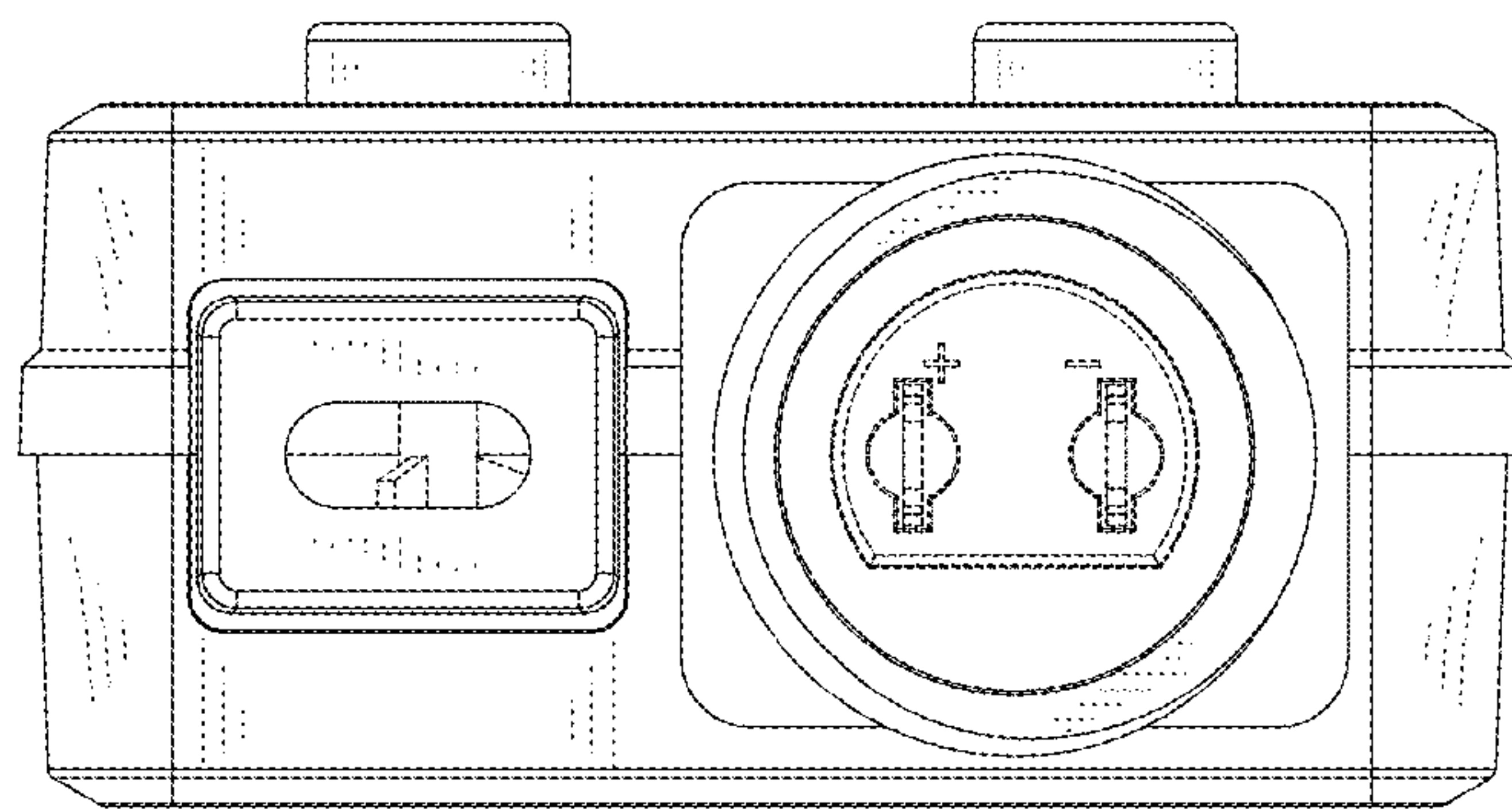


FIG.13

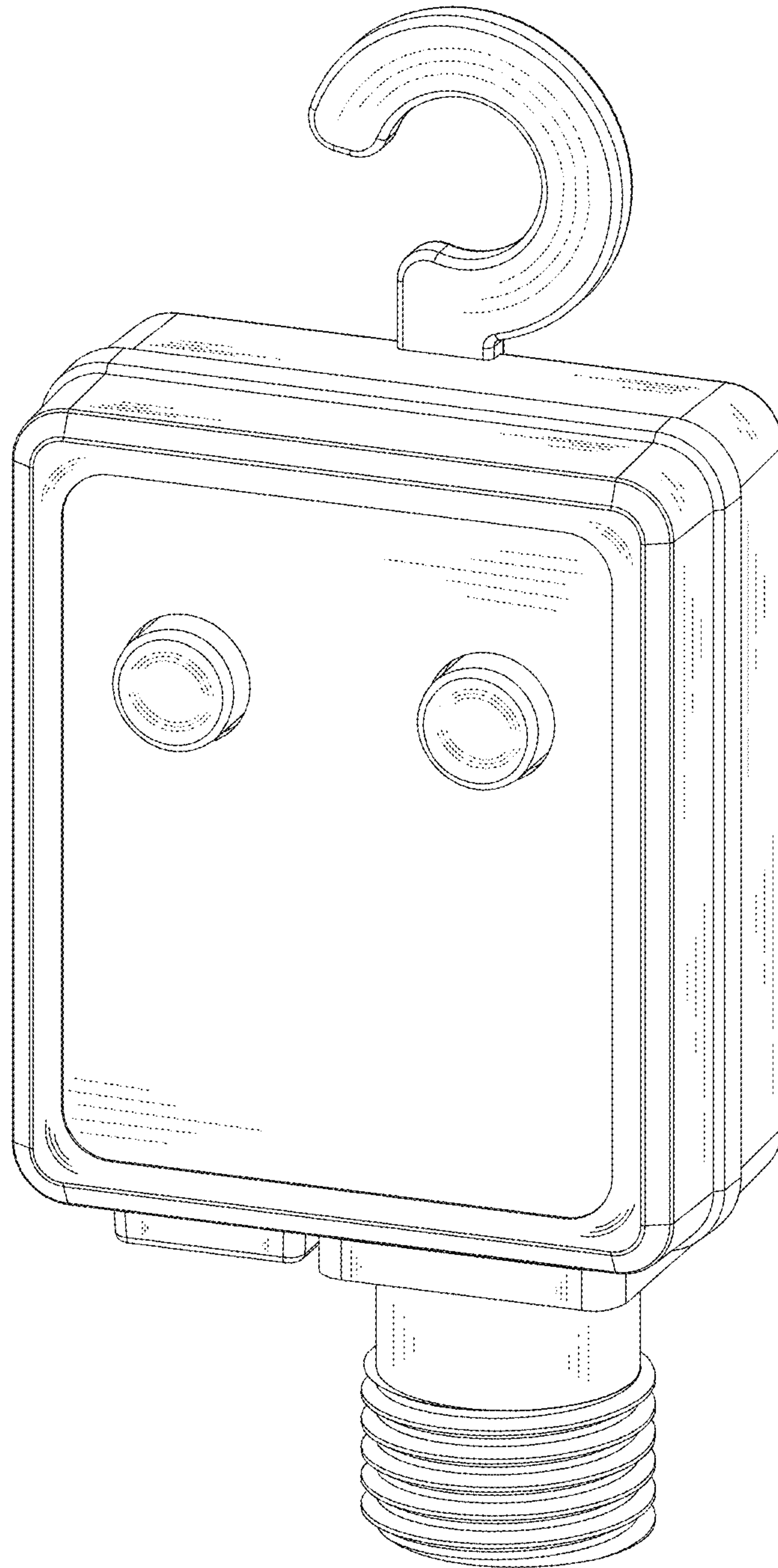


FIG.14

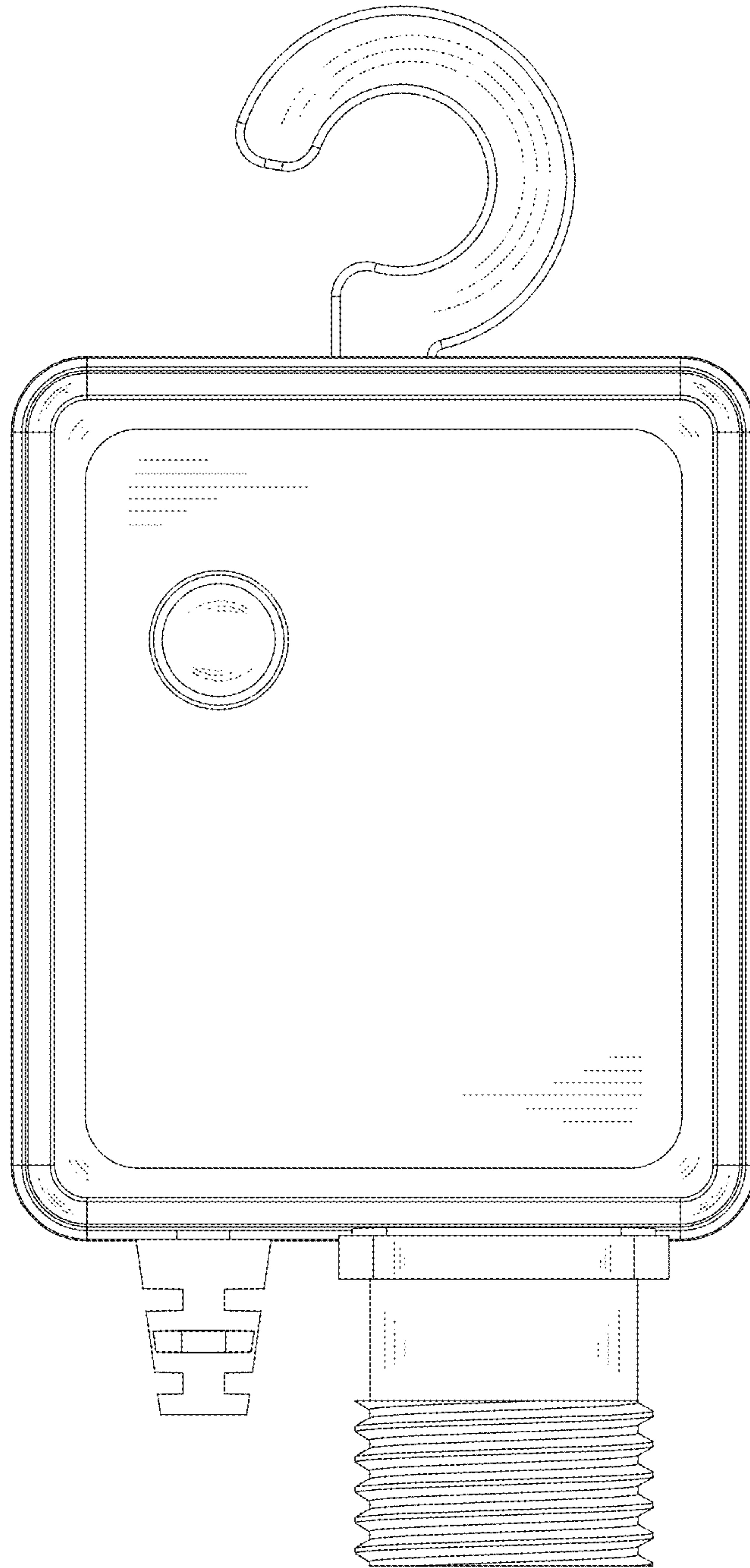


FIG.15

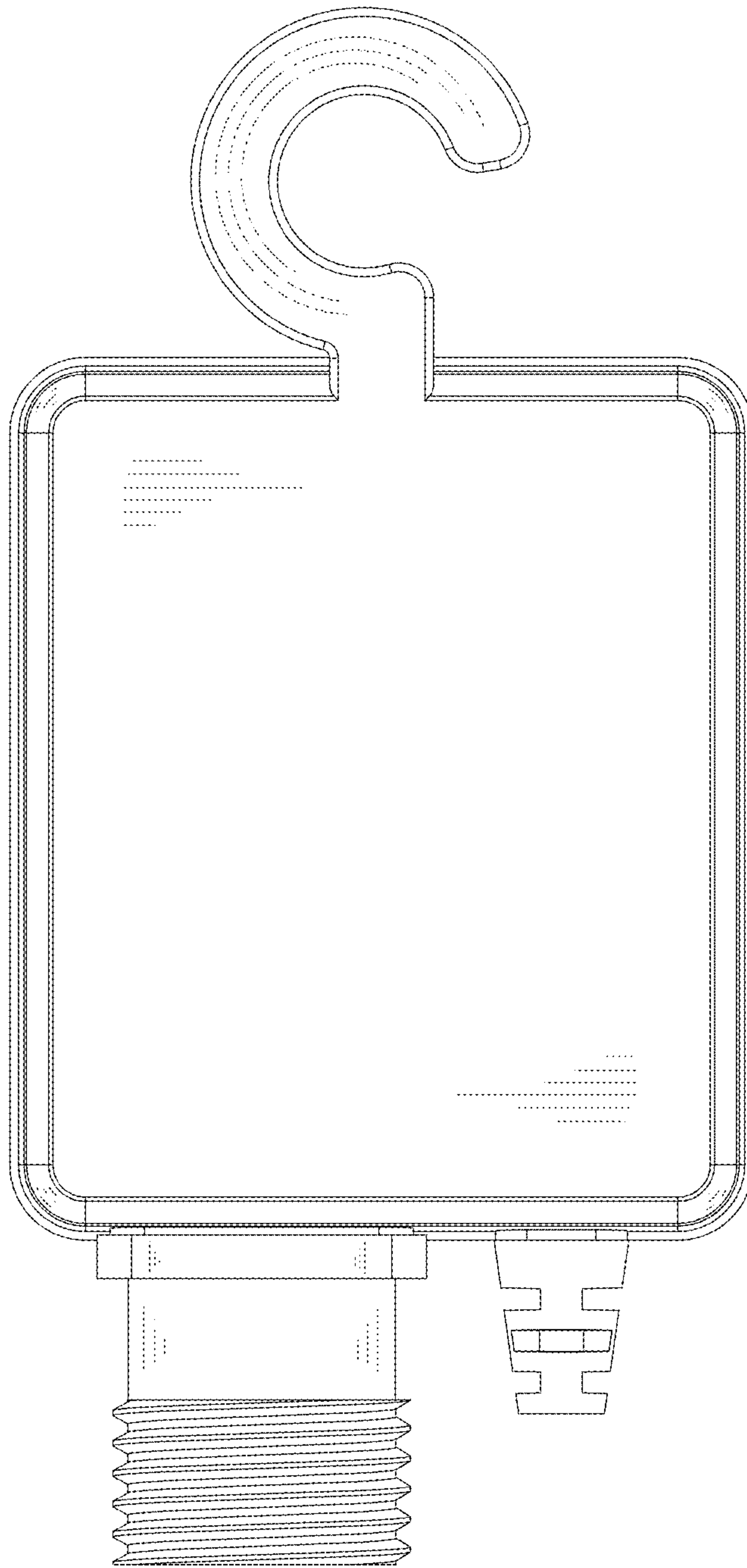


FIG.16

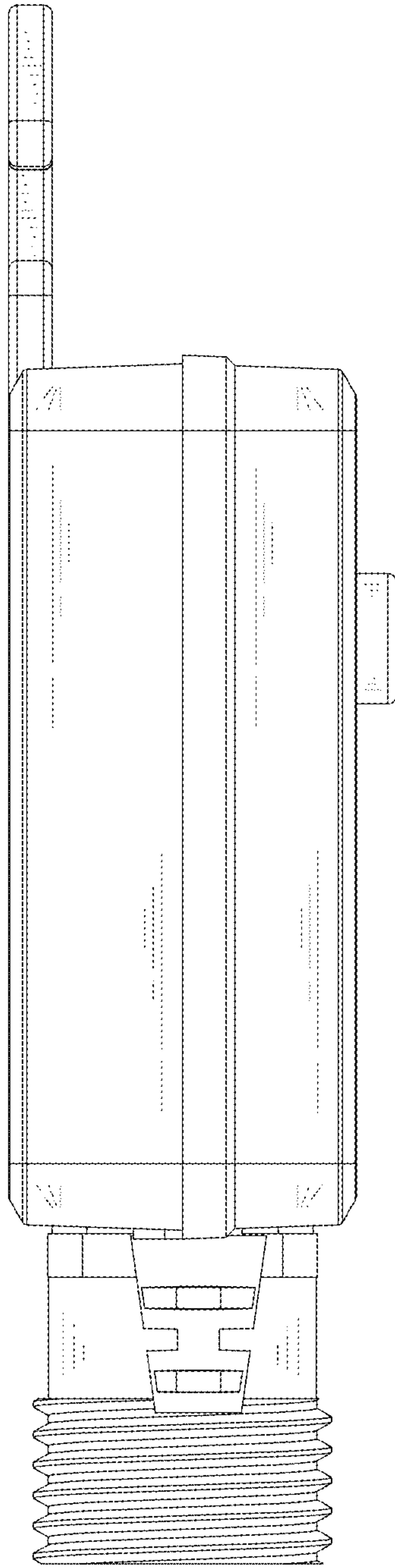


FIG.17

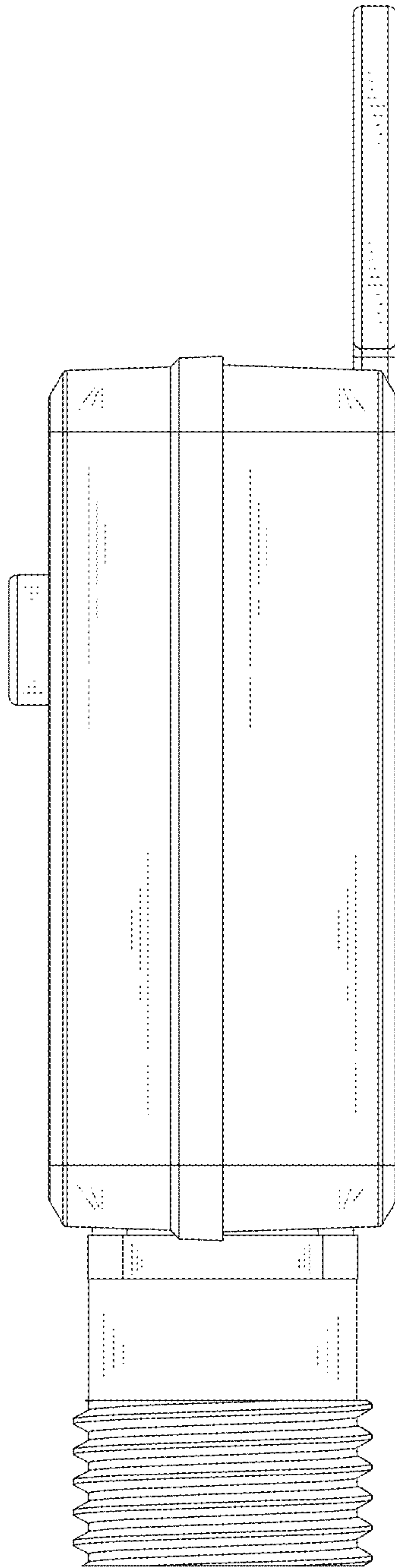


FIG.18



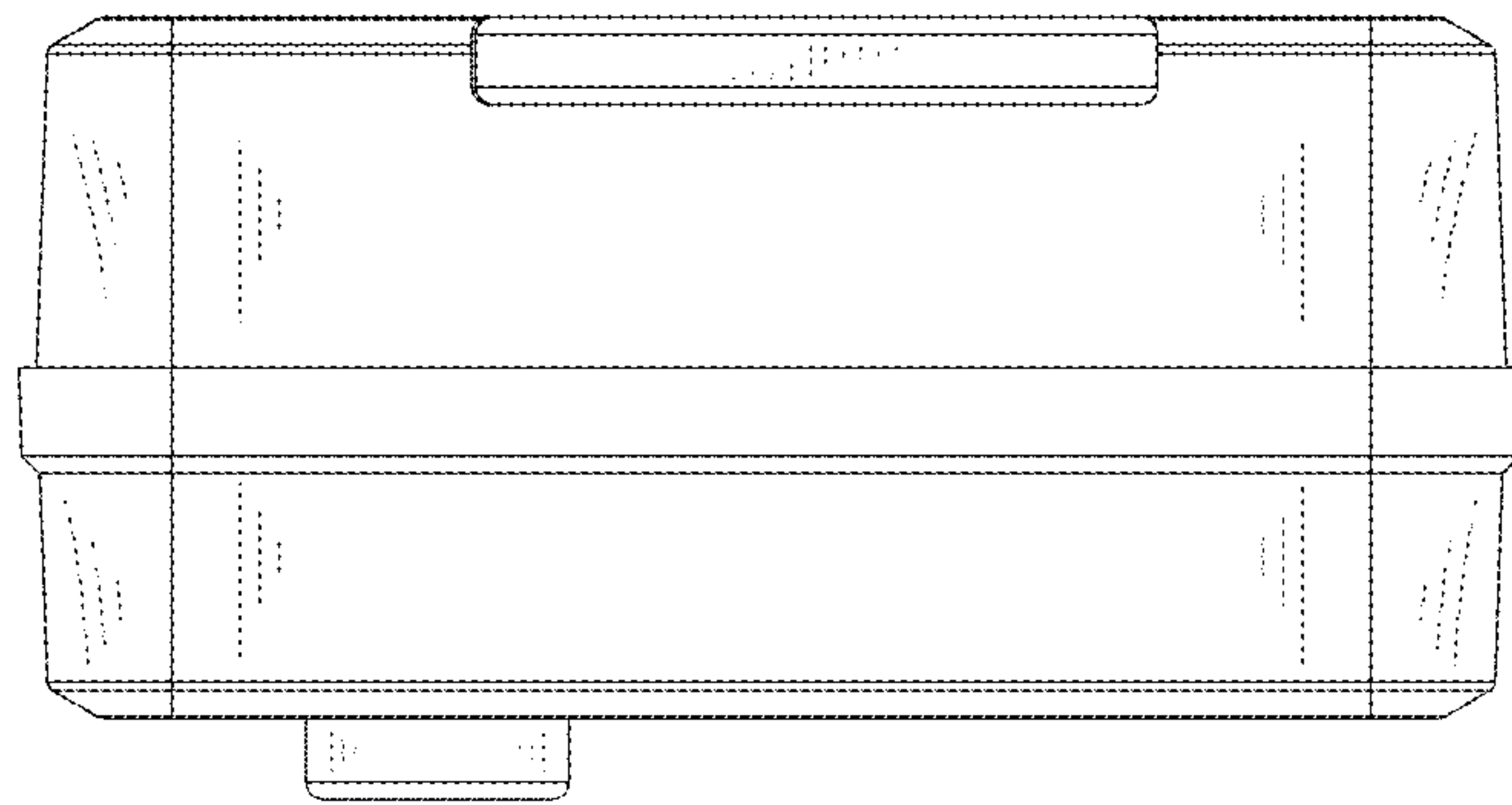


FIG.19

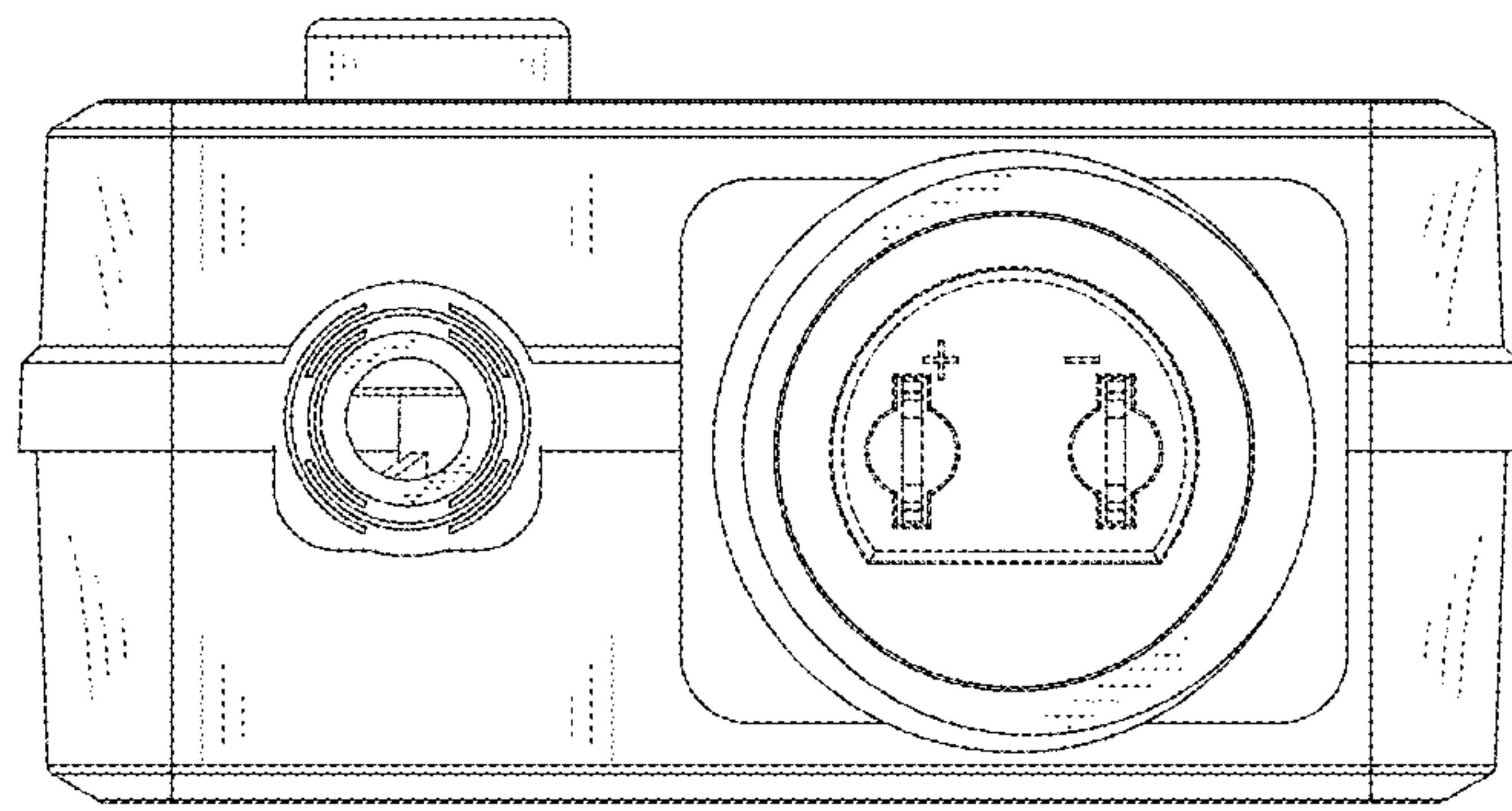


FIG. 20

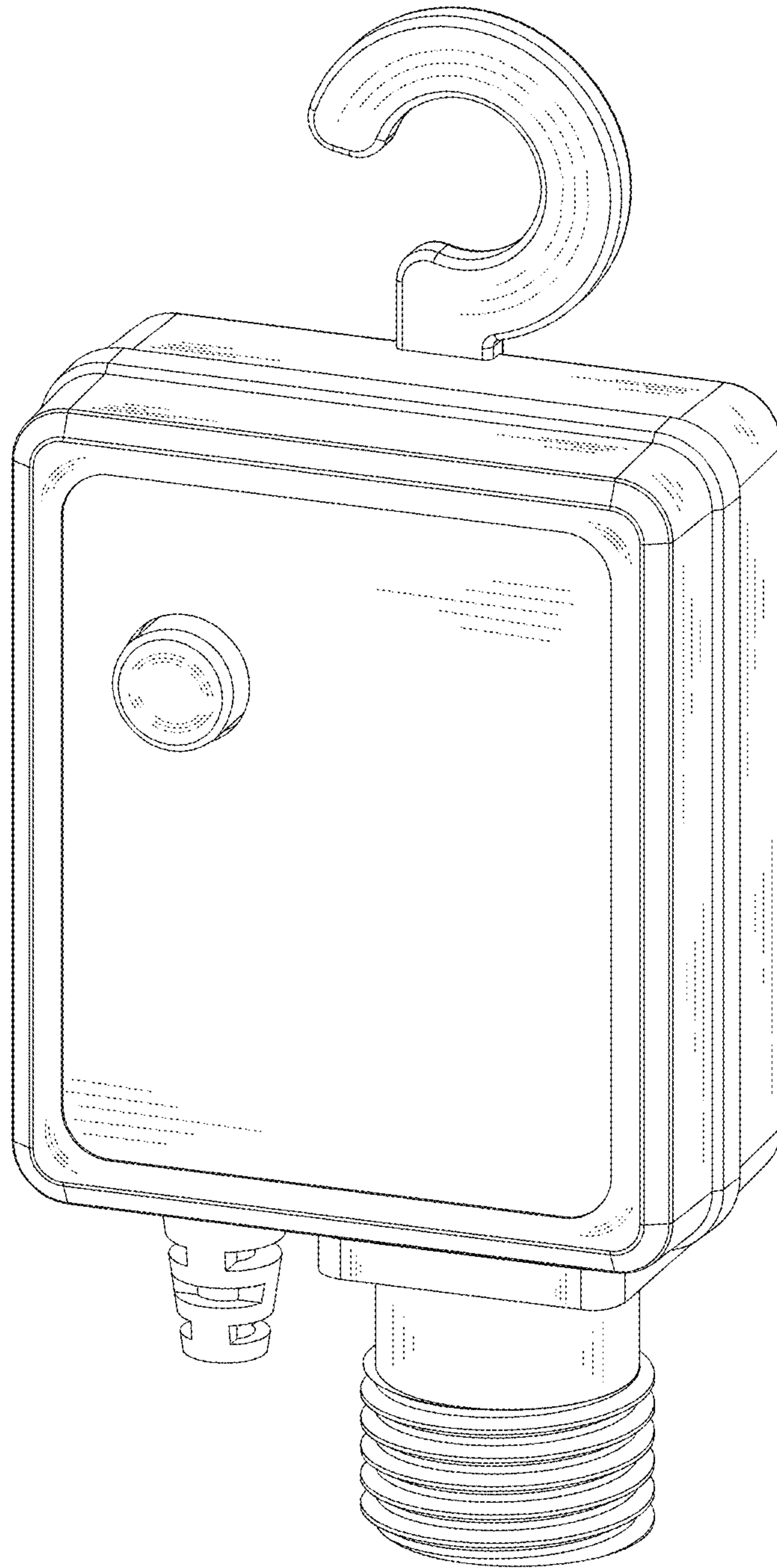


FIG. 21

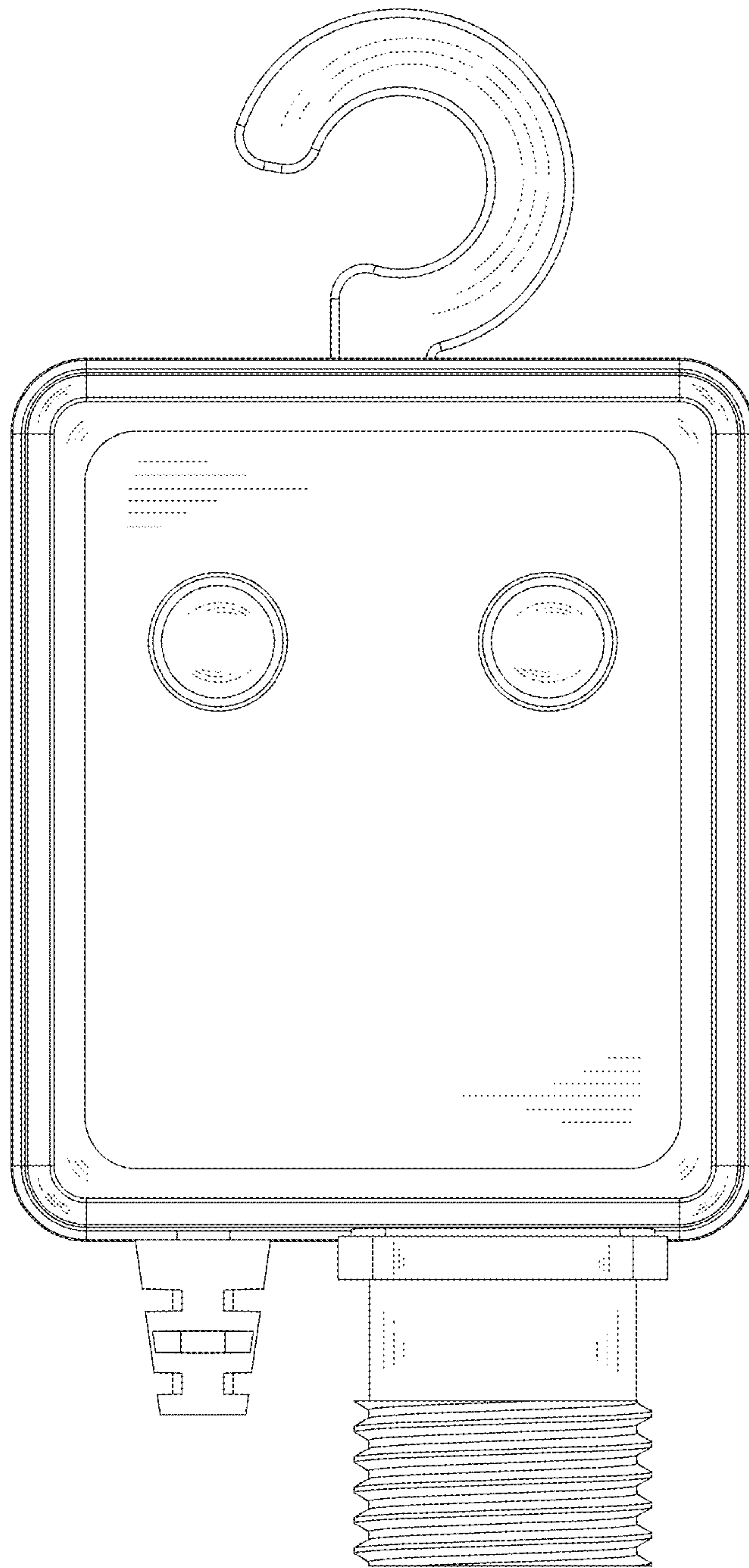


FIG.22

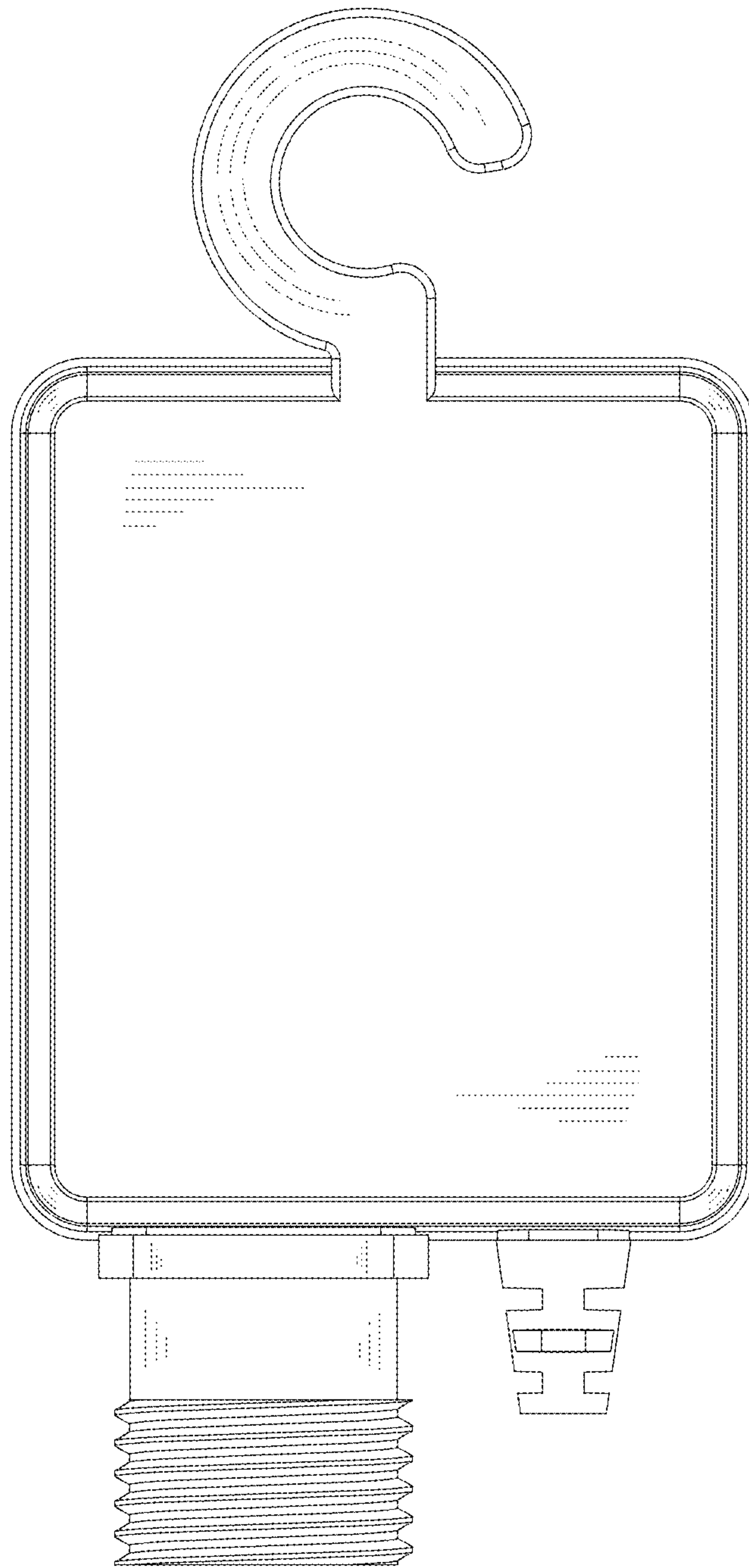


FIG. 23

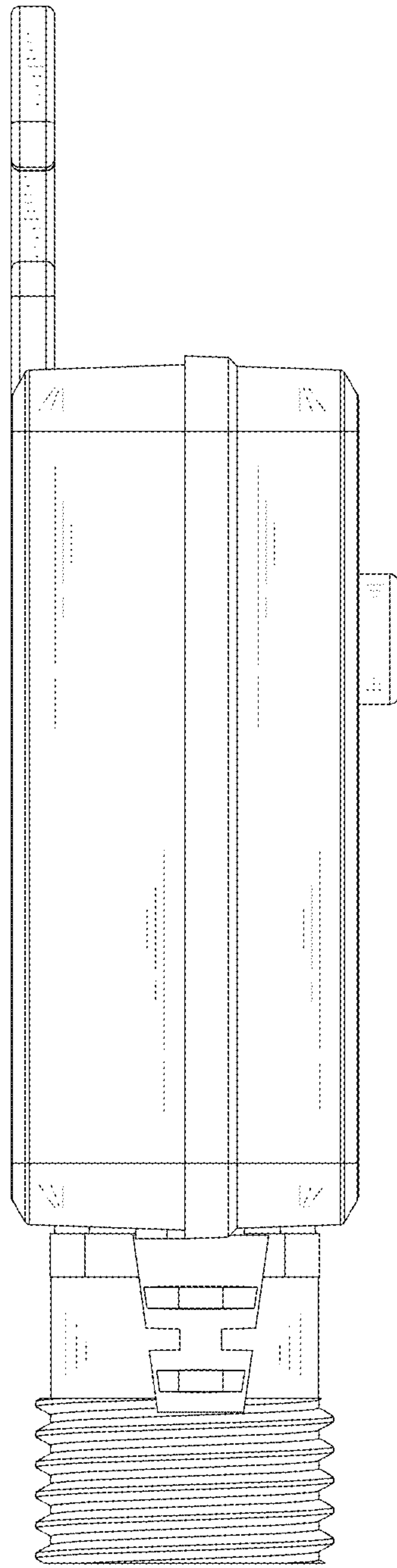


FIG. 24



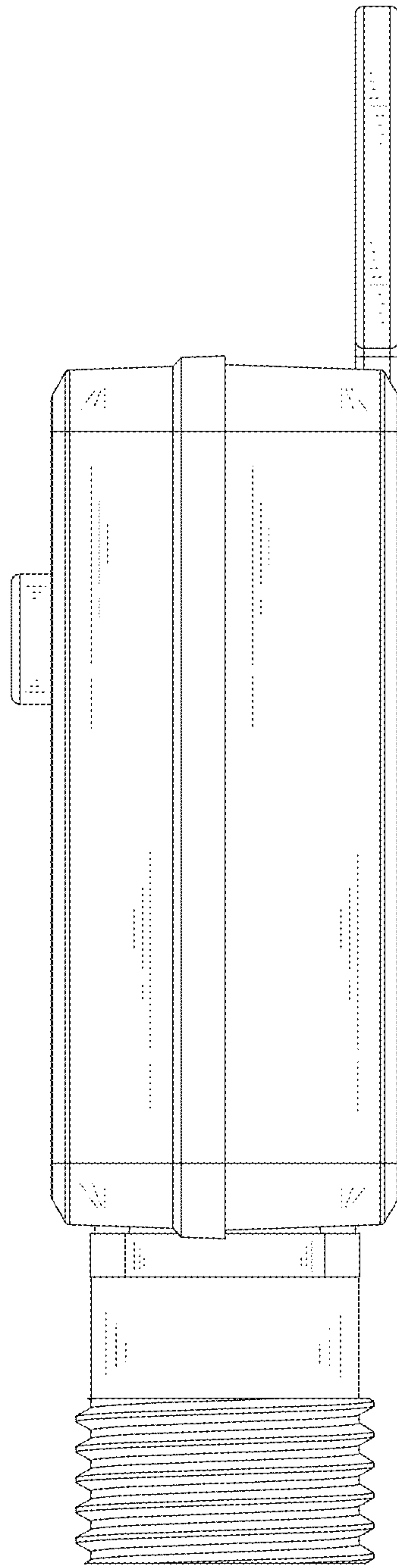


FIG. 25

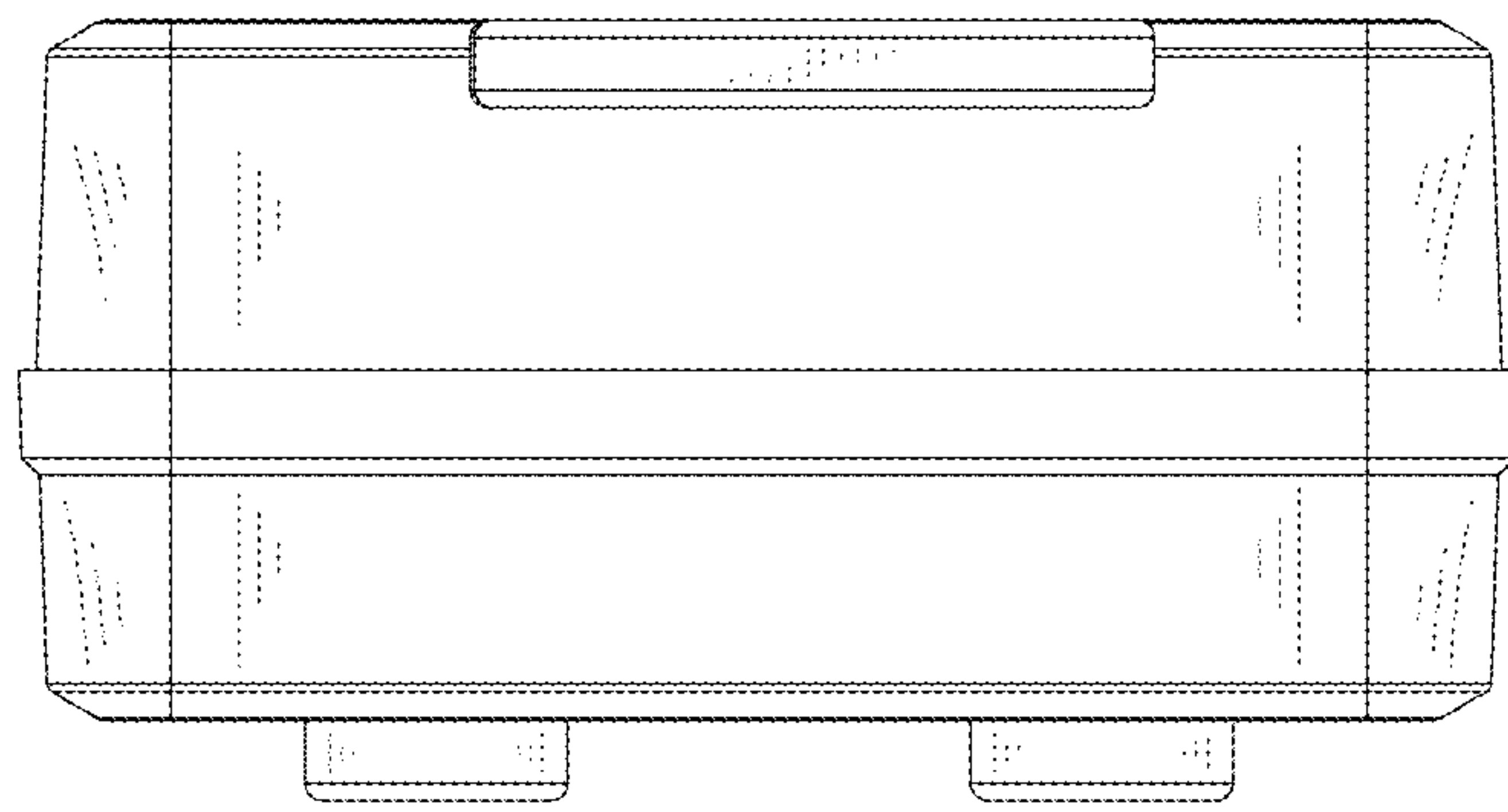


FIG. 26

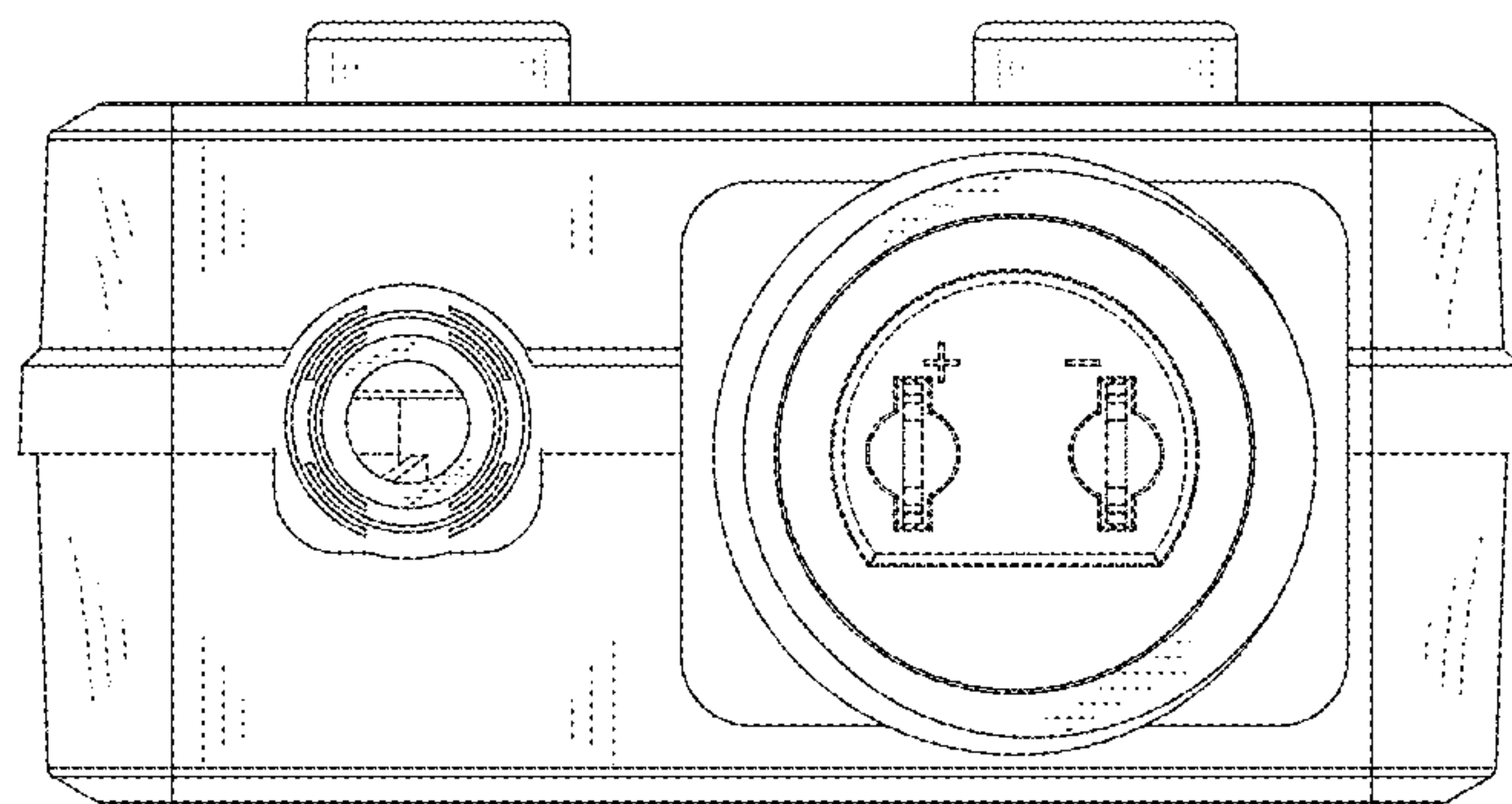


FIG.27

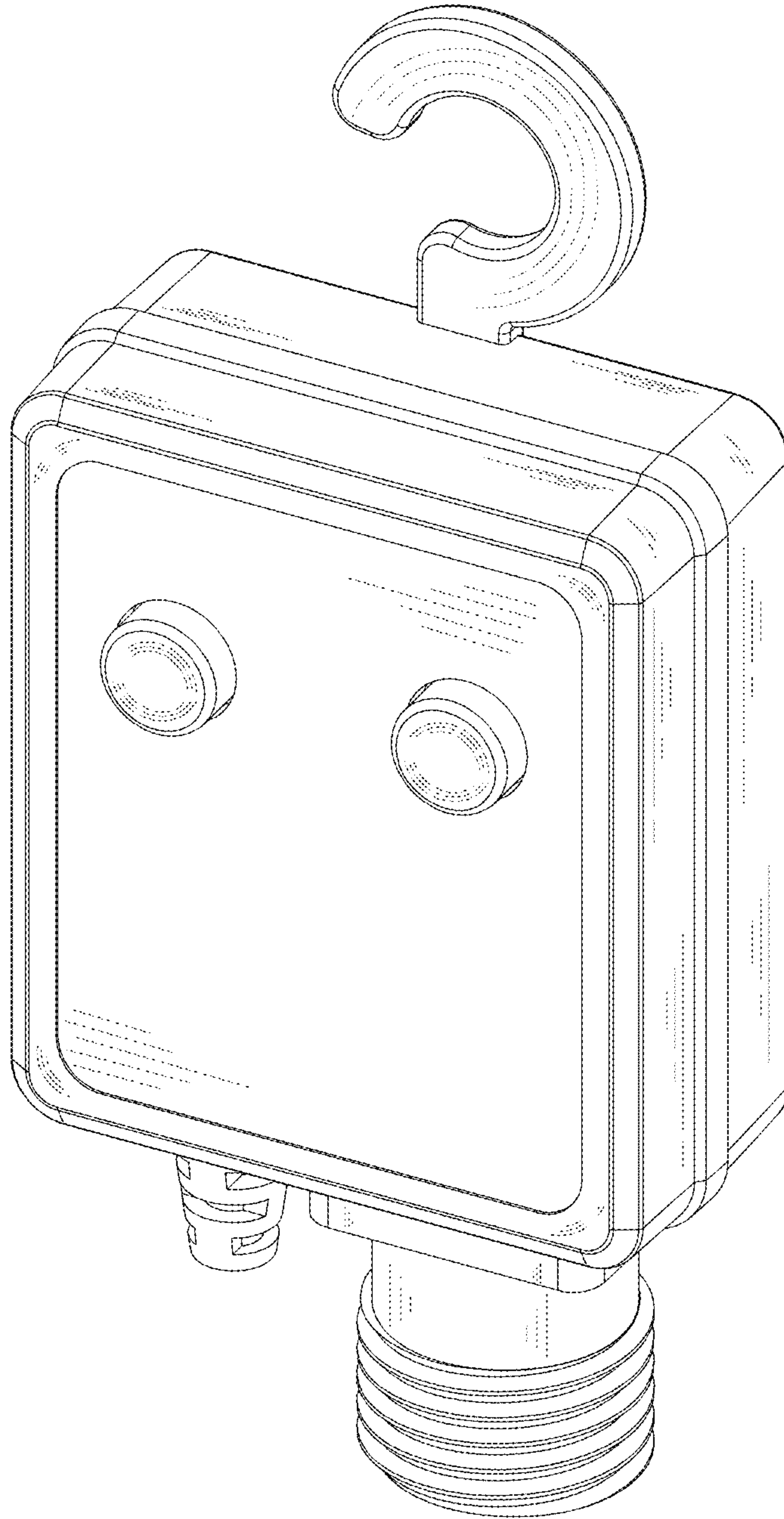


FIG. 28

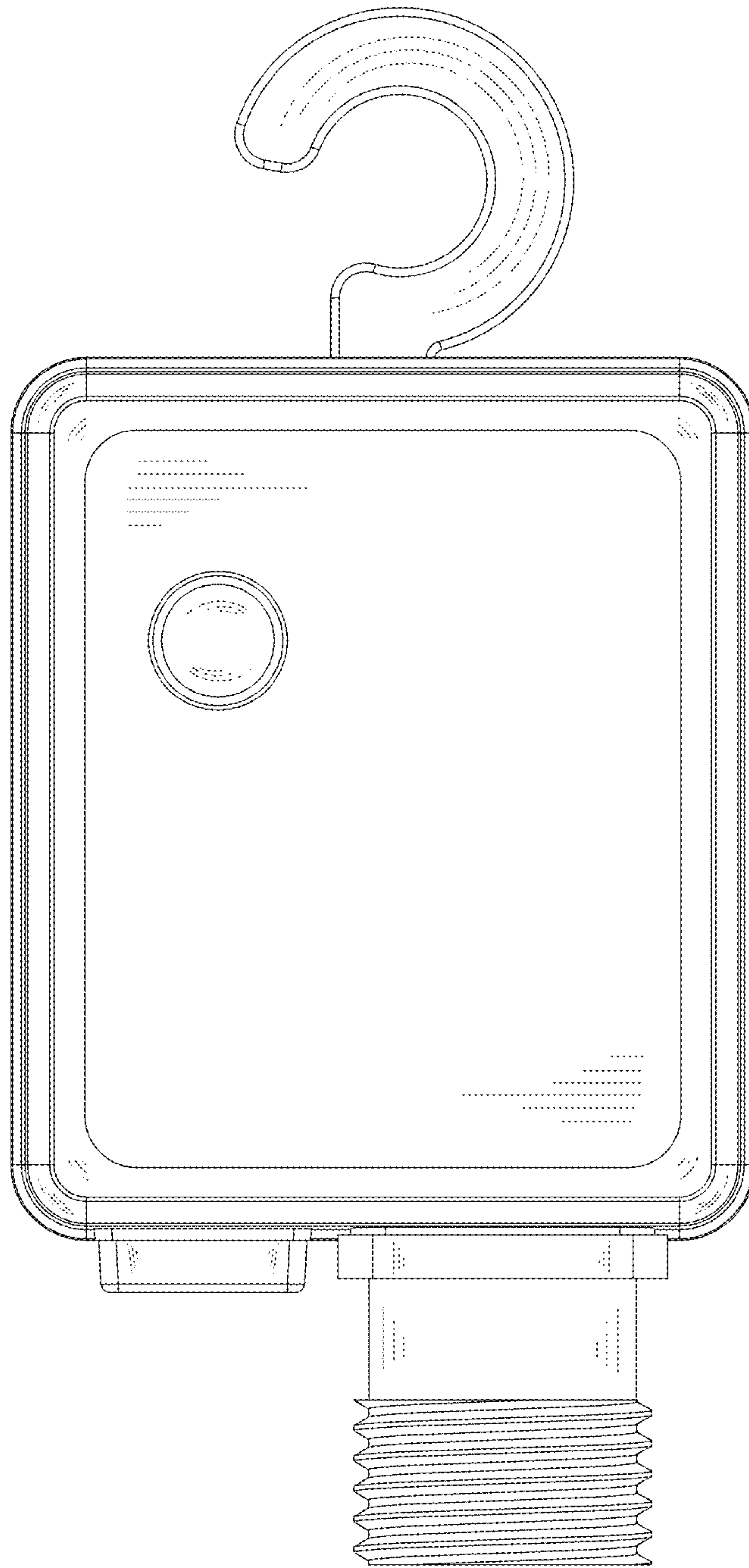


FIG. 29

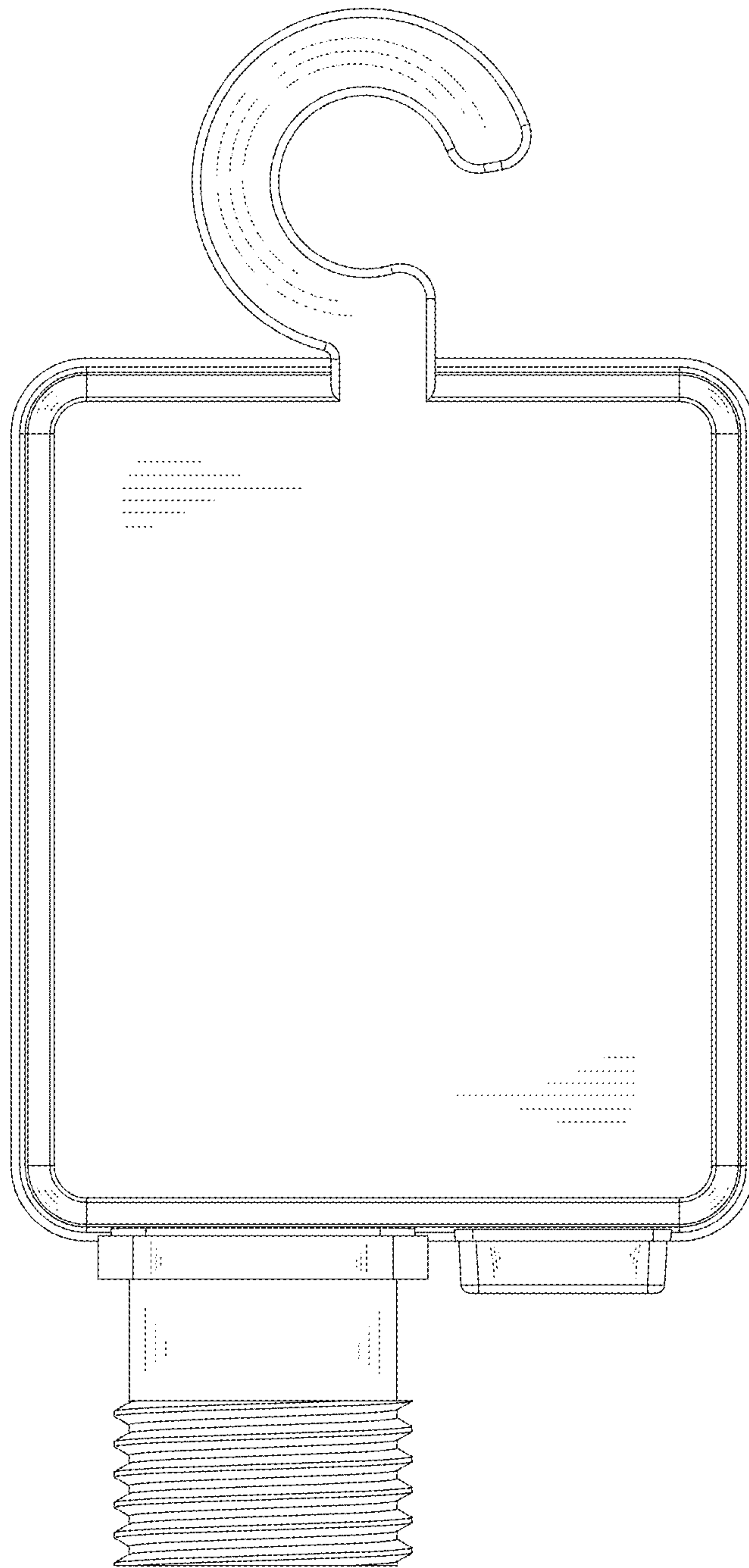


FIG. 30



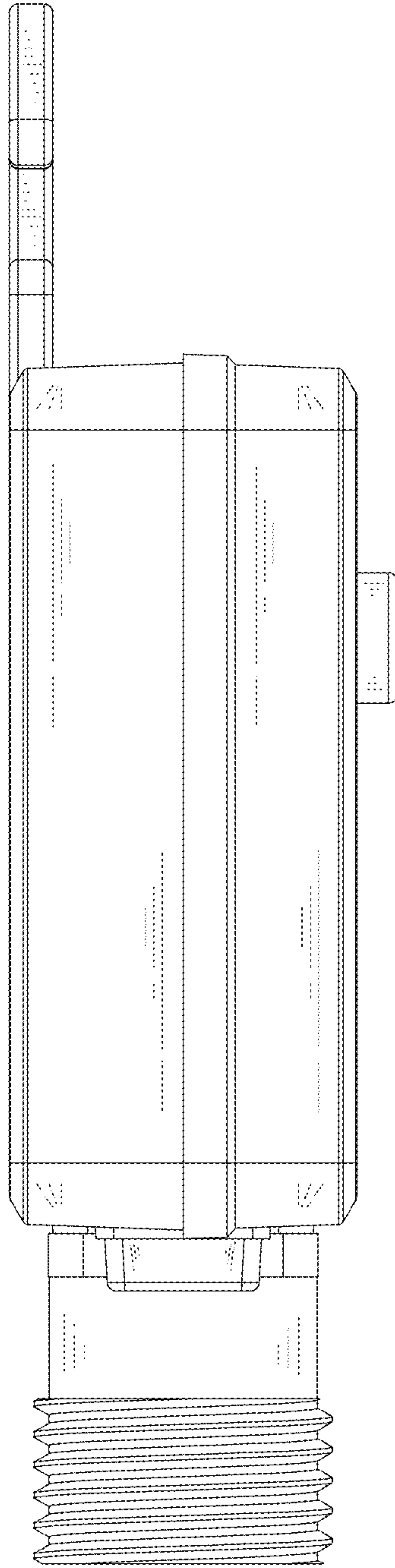


FIG. 31

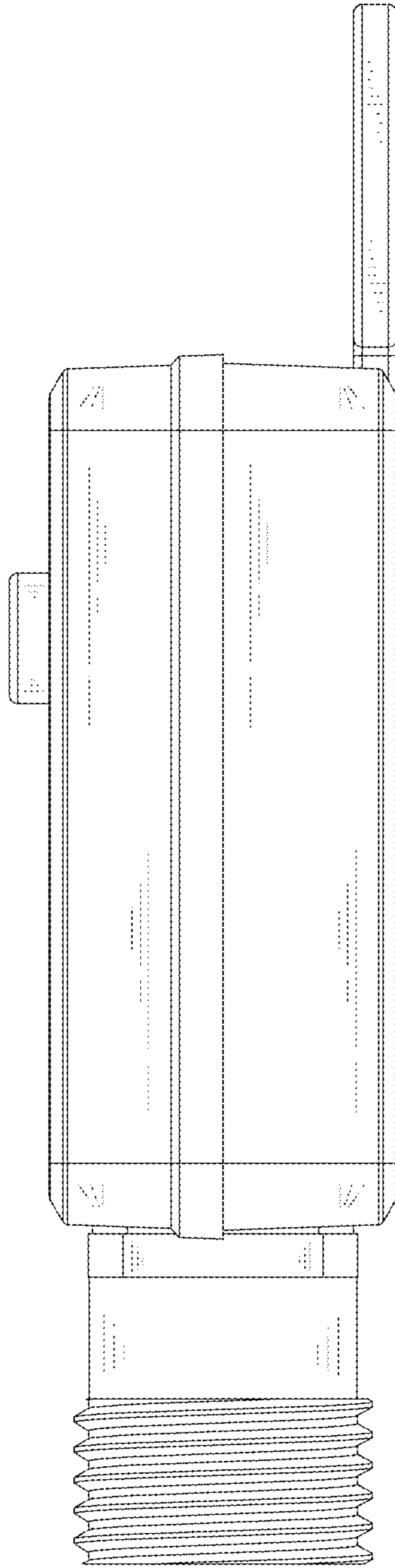


FIG. 32

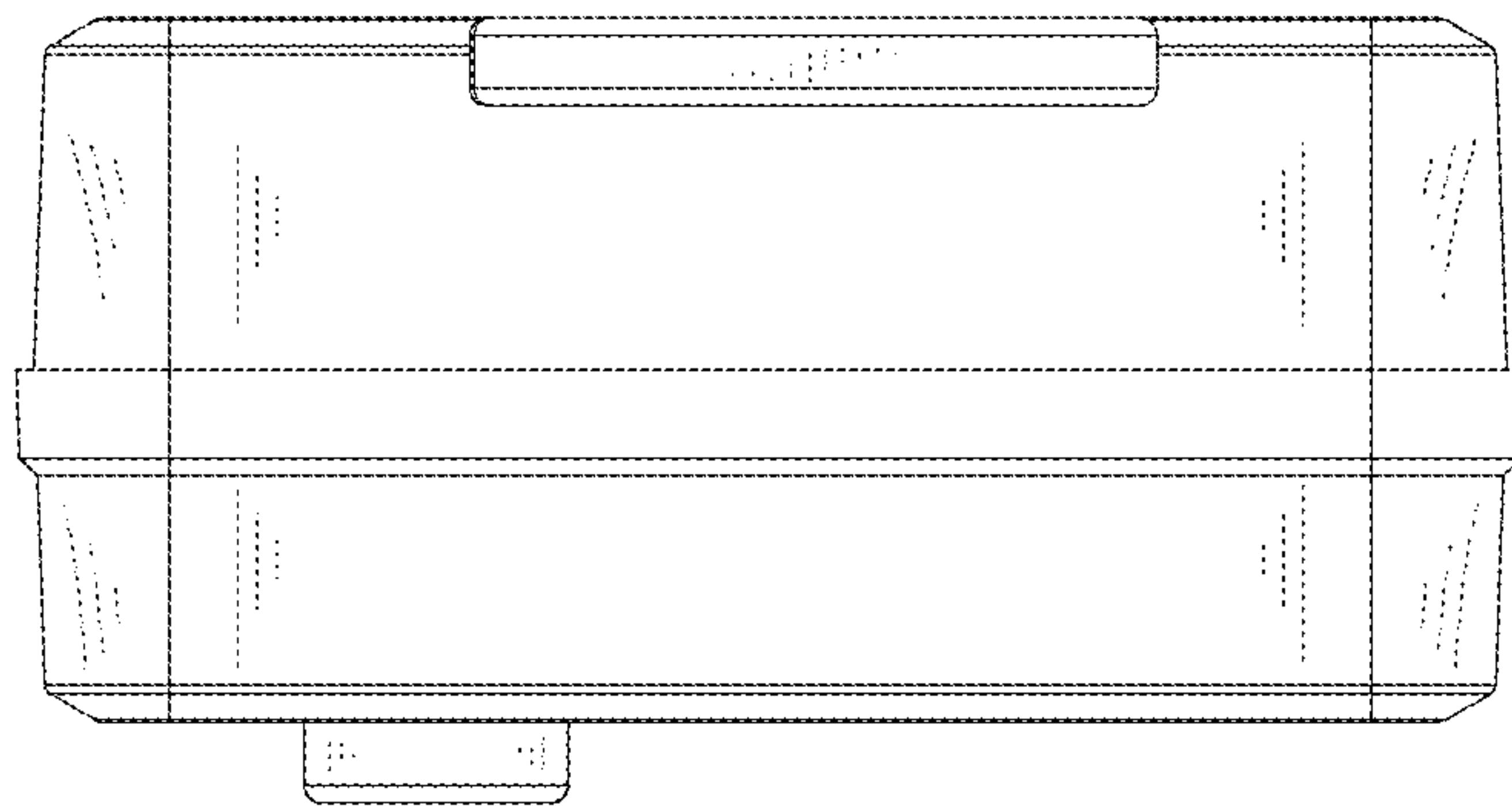


FIG. 33

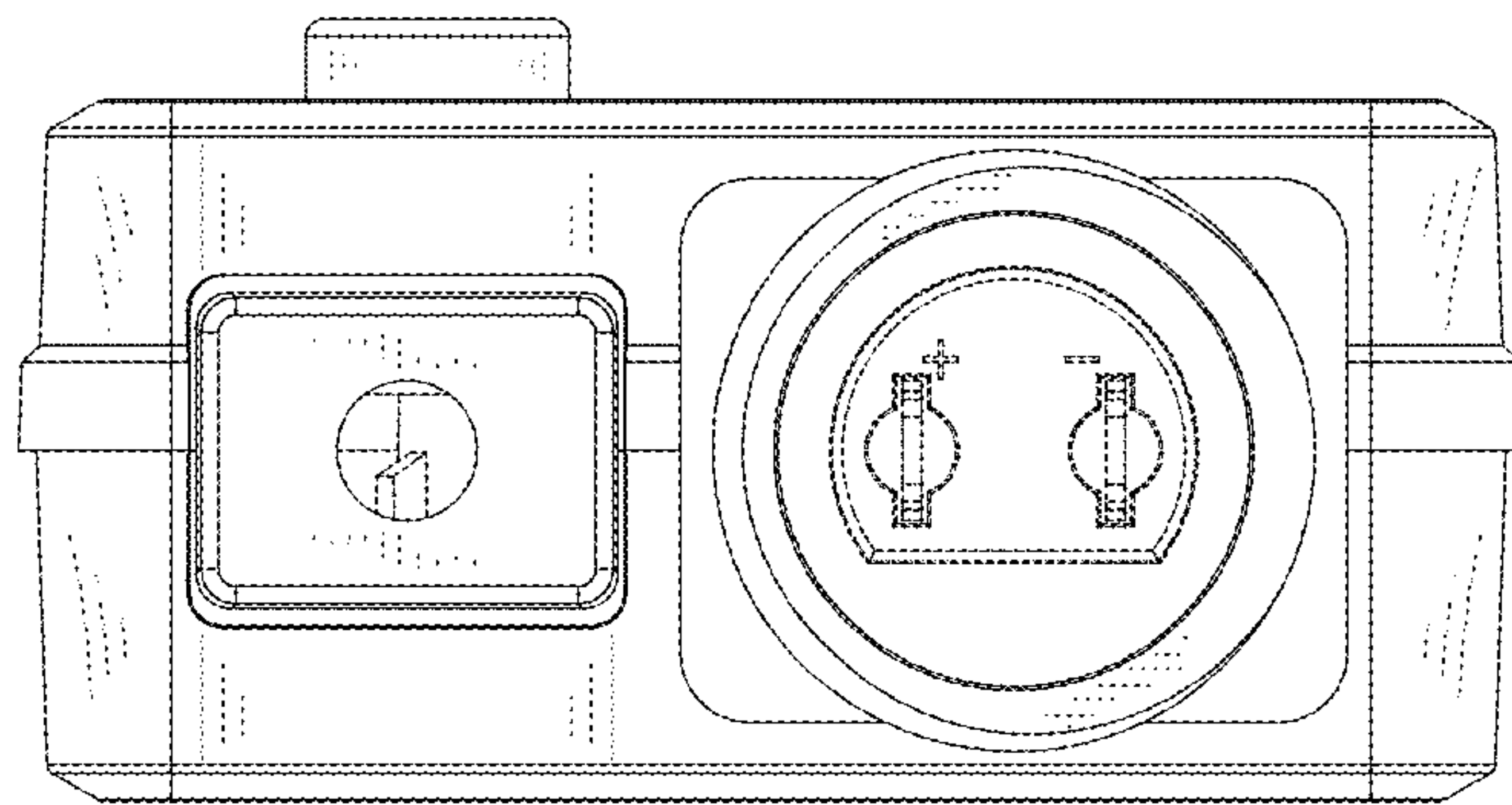


FIG.34

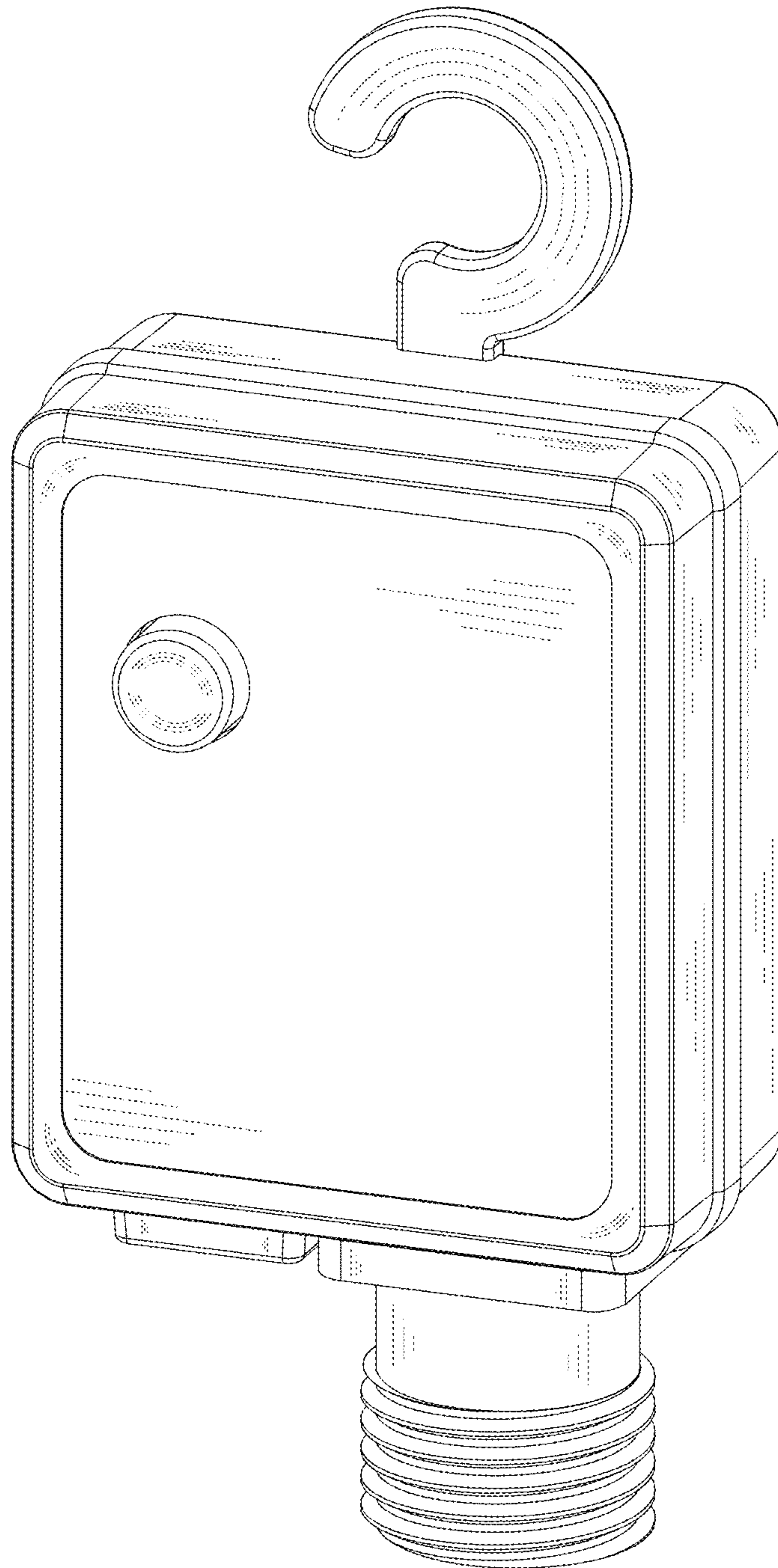


FIG. 35

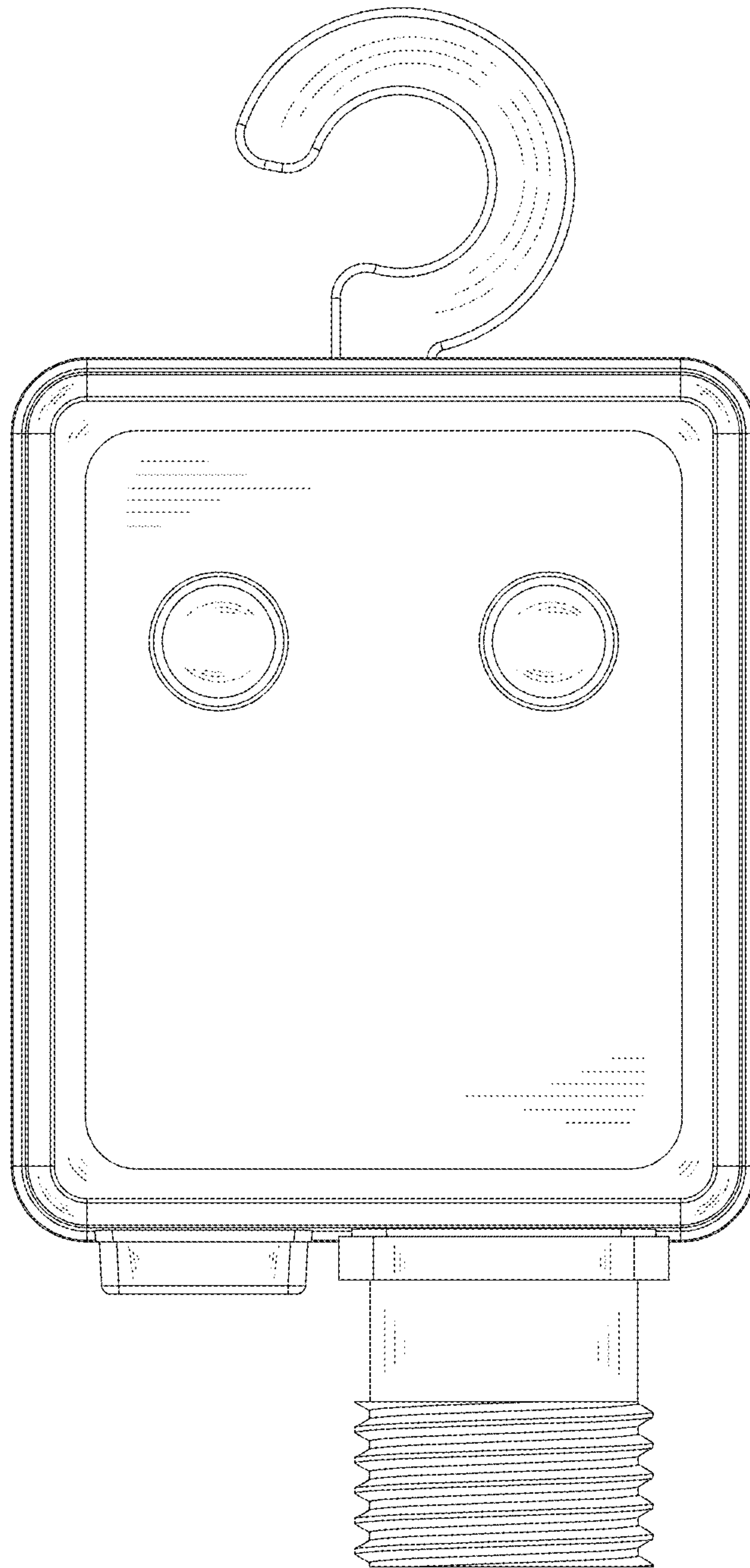


FIG. 36



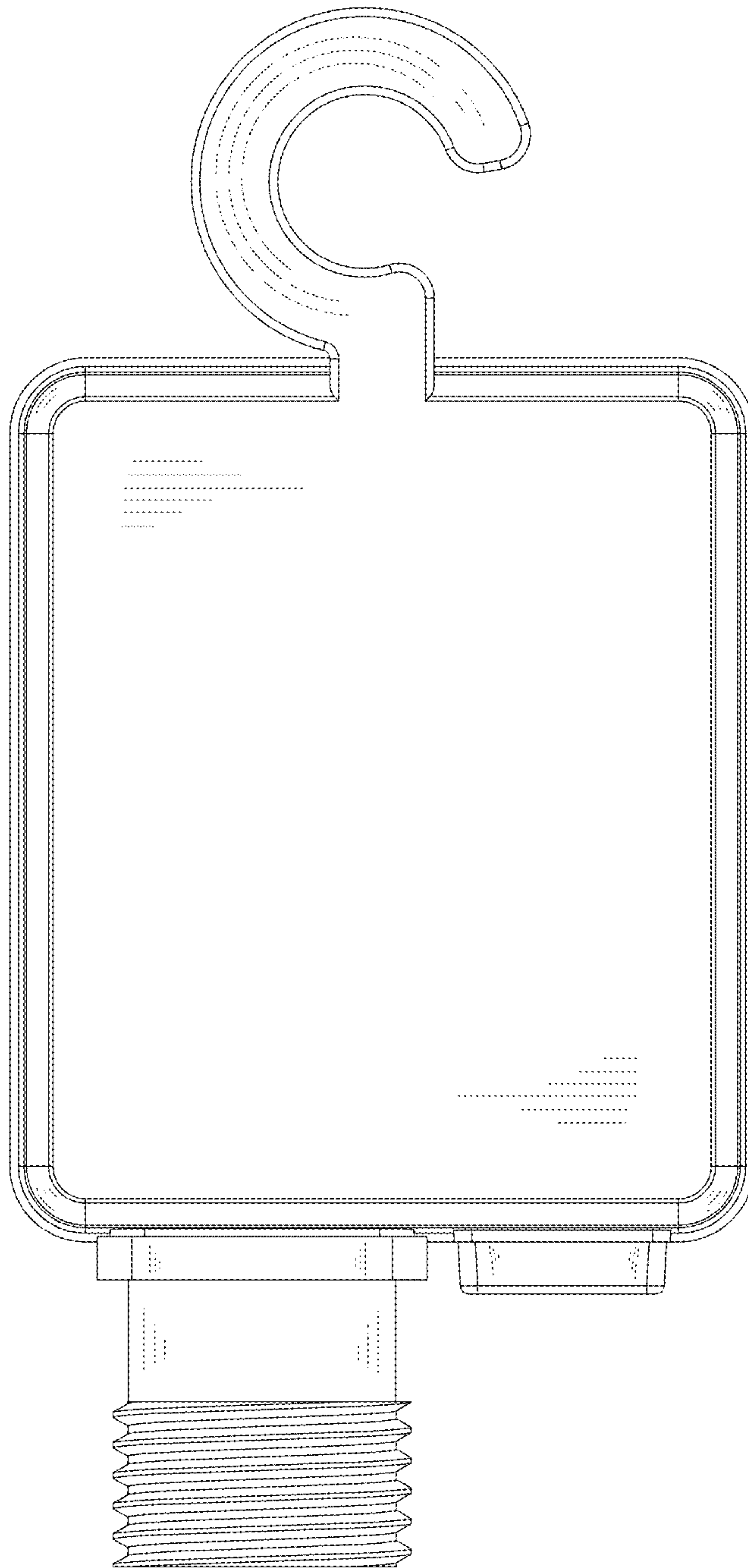


FIG. 37

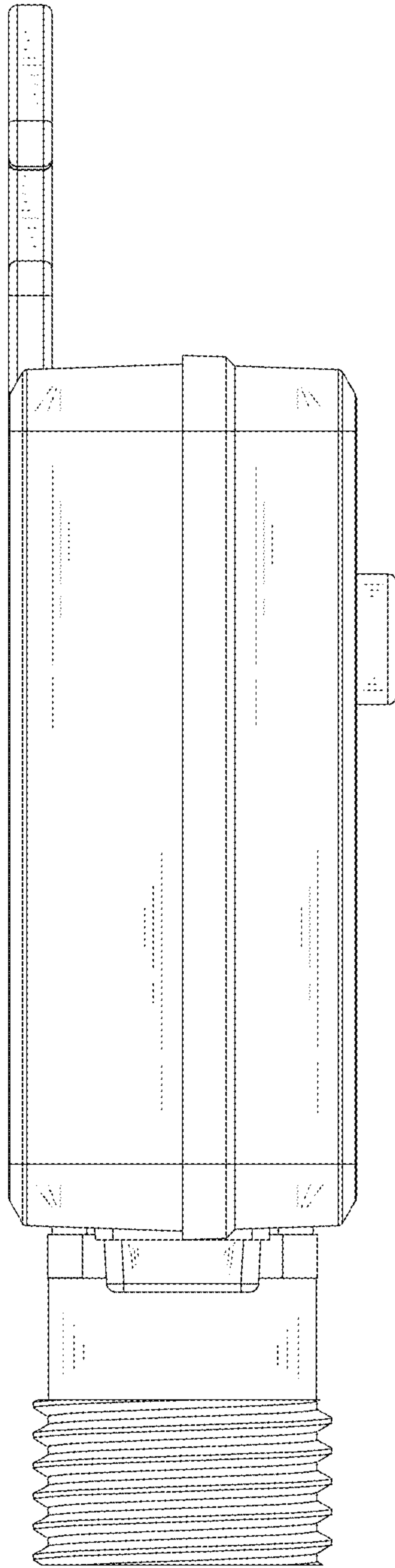


FIG. 38

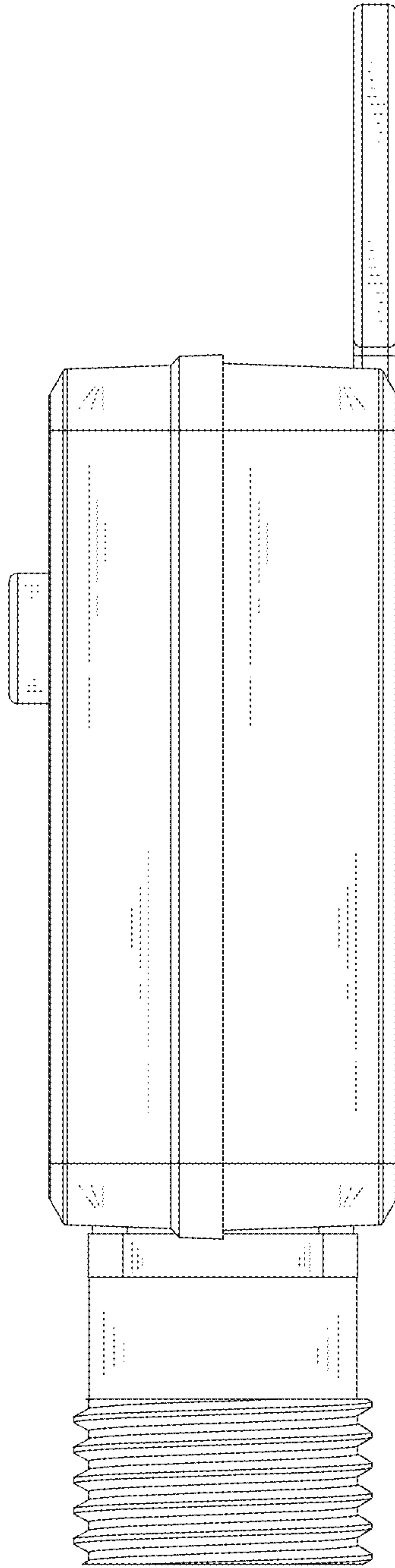


FIG. 39

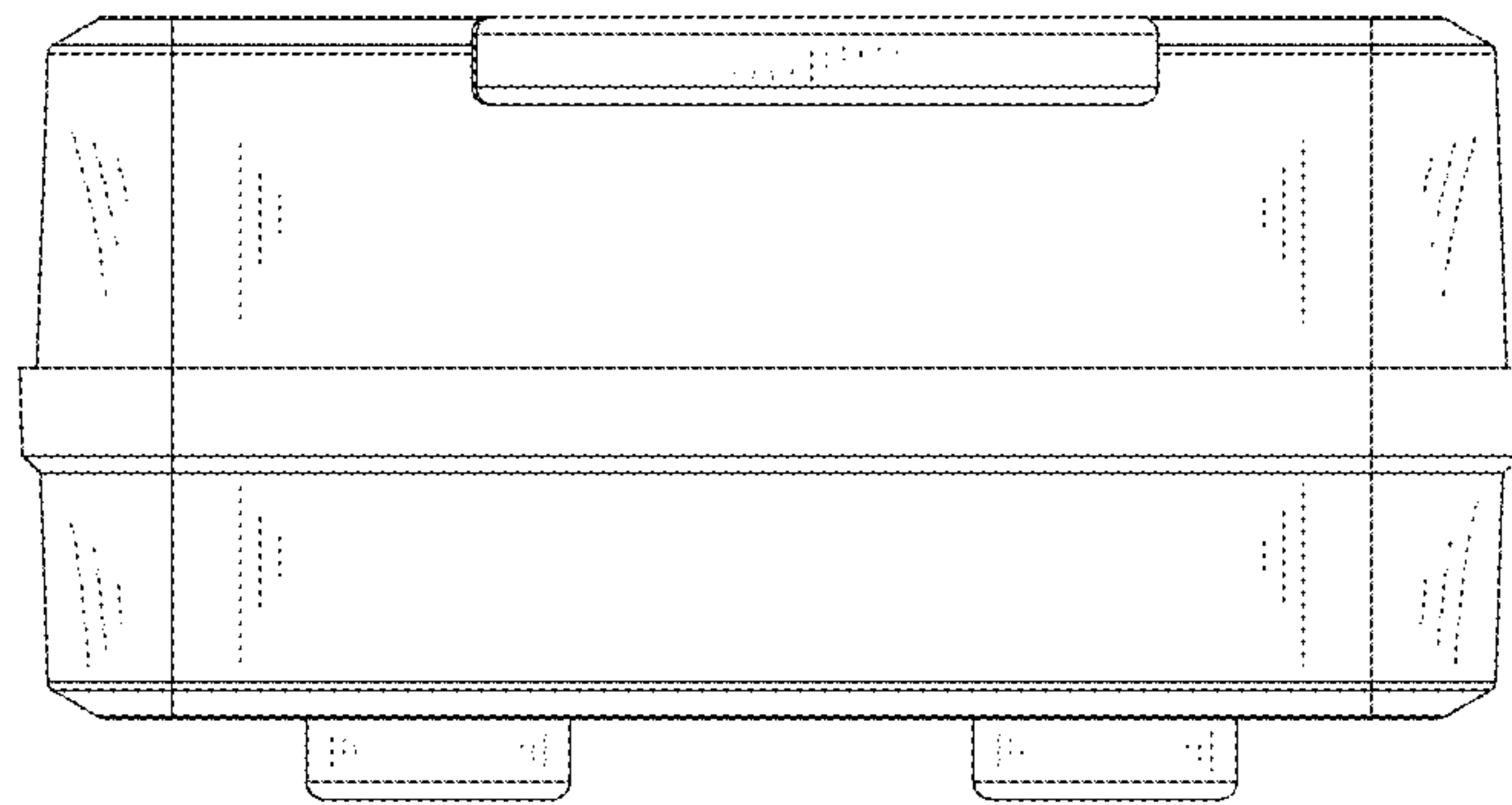


FIG. 40

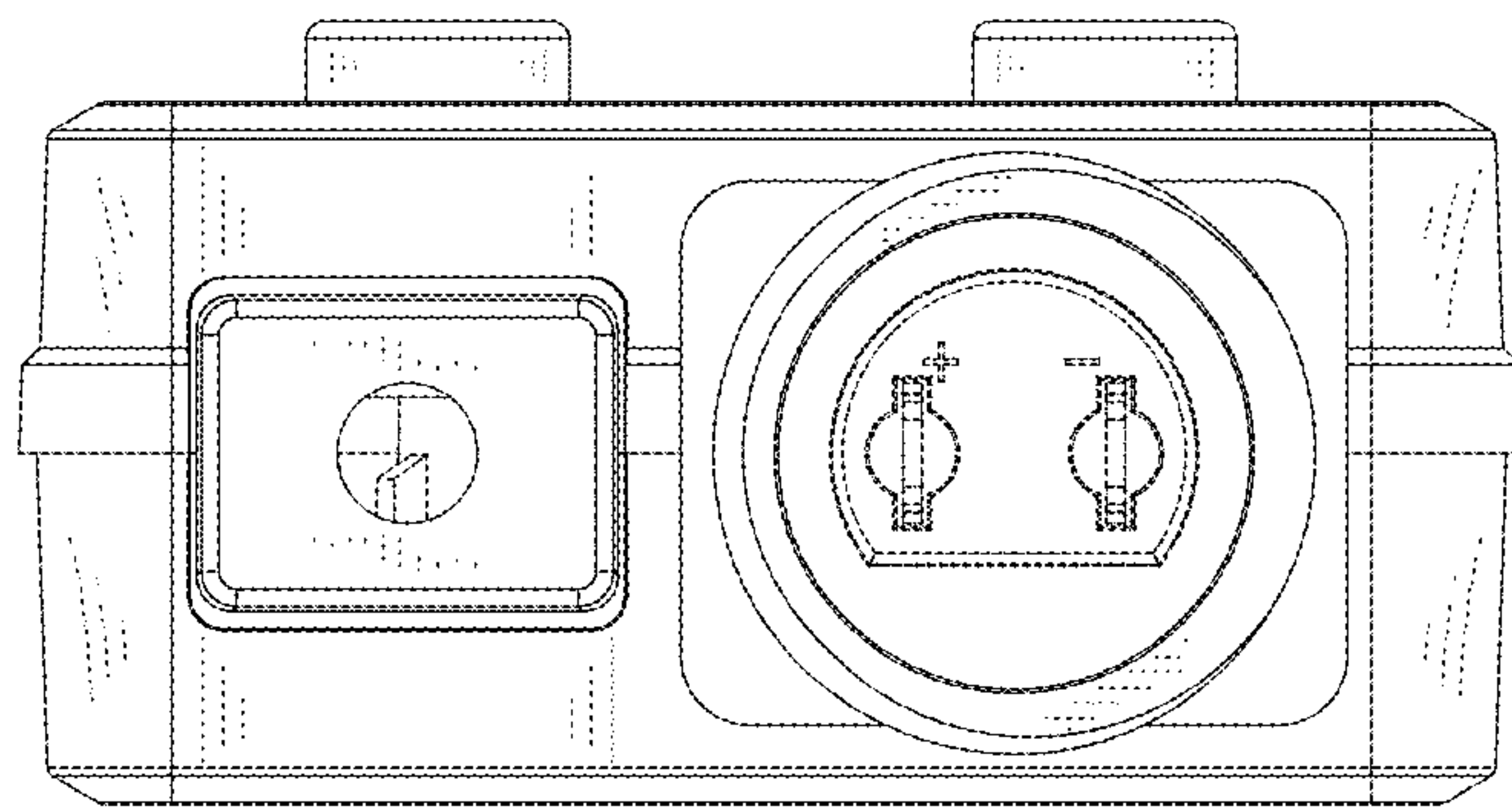


FIG. 41

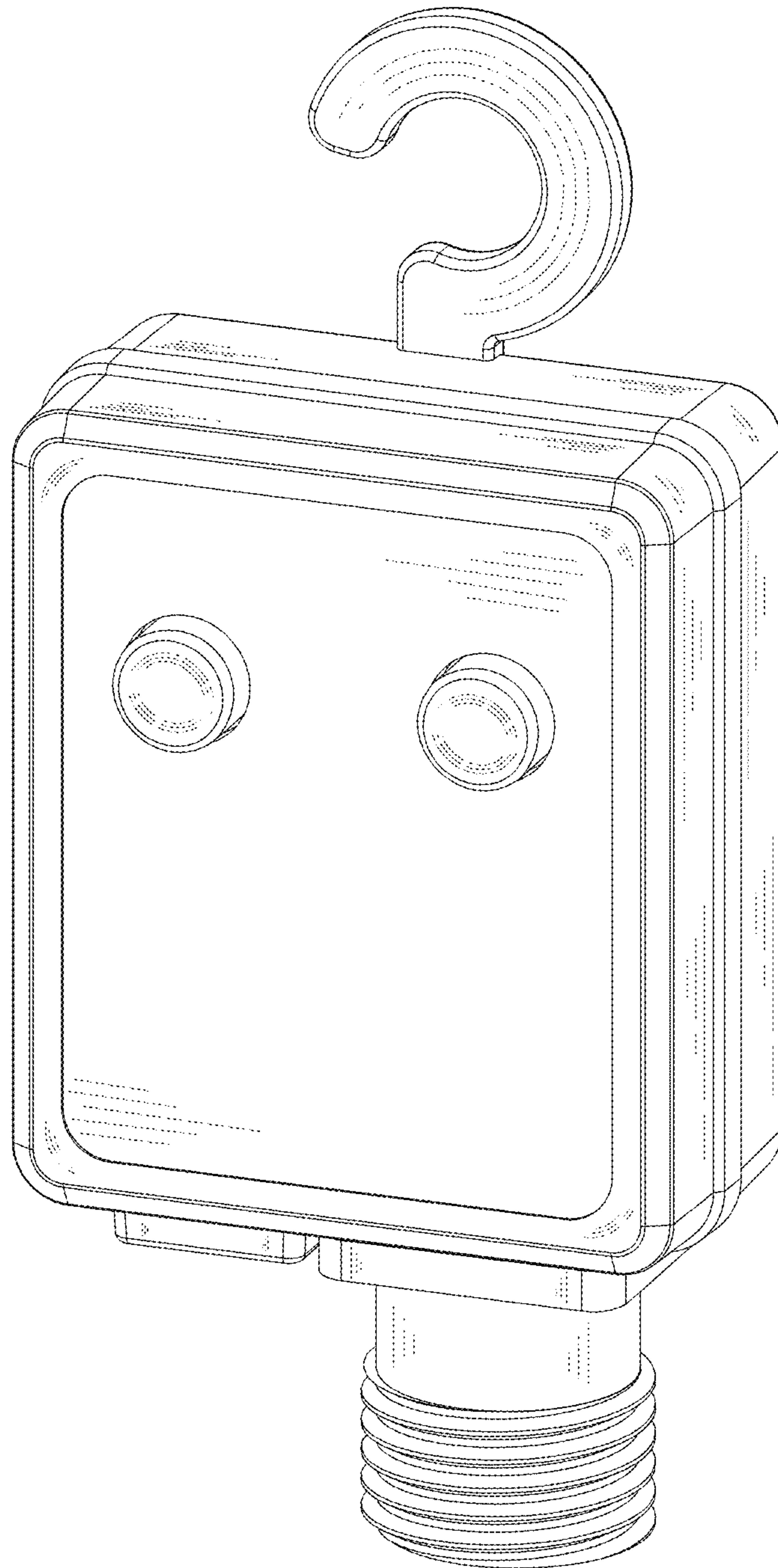


FIG. 42