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(12) **United States Design Patent** (10) **Patent No.:** **US D839,332 S**  
**Bailey et al.** (45) **Date of Patent:** **\*\* Jan. 29, 2019**

- (54) **END EFFECTOR**
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- (72) Inventors: **Brent Andrew Bailey**, Toronto (CA);  
**Sean Adrian Conroy**, Toronto (CA)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/614,777**
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- (51) **LOC (11) Cl.** ..... **15-99**
- (52) **U.S. Cl.**  
USPC ..... **D15/199**
- (58) **Field of Classification Search**  
USPC ..... D15/199; D21/578-583, 621, 622  
CPC ..... B25J 5/007; B60B 19/006; B62D 57/024;  
H01F 7/0221; Y10S 901/01  
See application file for complete search history.

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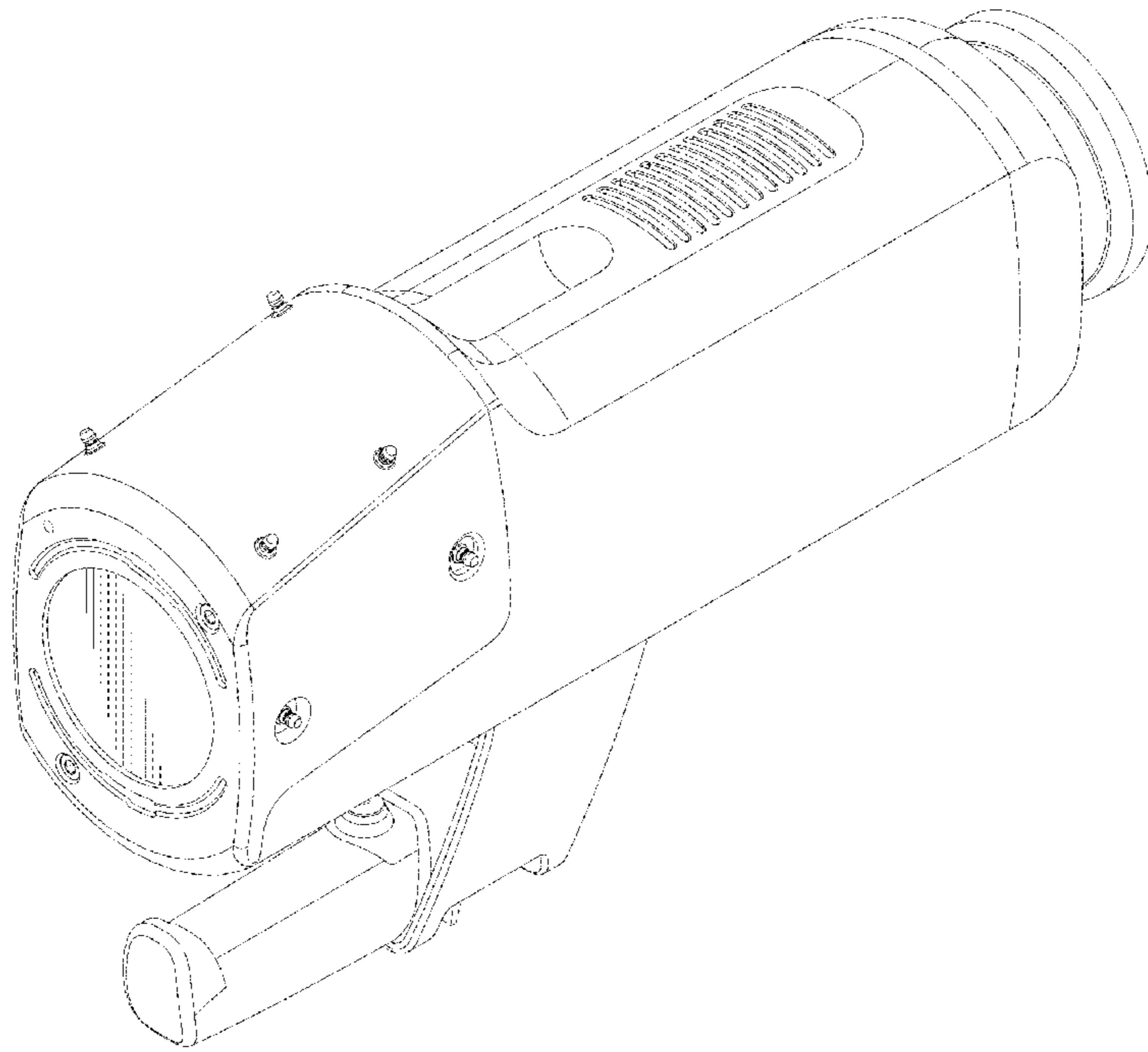
(57) **CLAIM**

We claim the ornamental design for an end effector, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of an end effector;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a rear elevation view thereof;  
FIG. 4 is a front plan view thereof;  
FIG. 5 is a rear plan view thereof;  
FIG. 6 is a left-side elevation view thereof; and,  
FIG. 7 is a right-side elevation view thereof.  
The broken lines in the drawings depict unclaimed environmental subject matter.

**1 Claim, 7 Drawing Sheets**



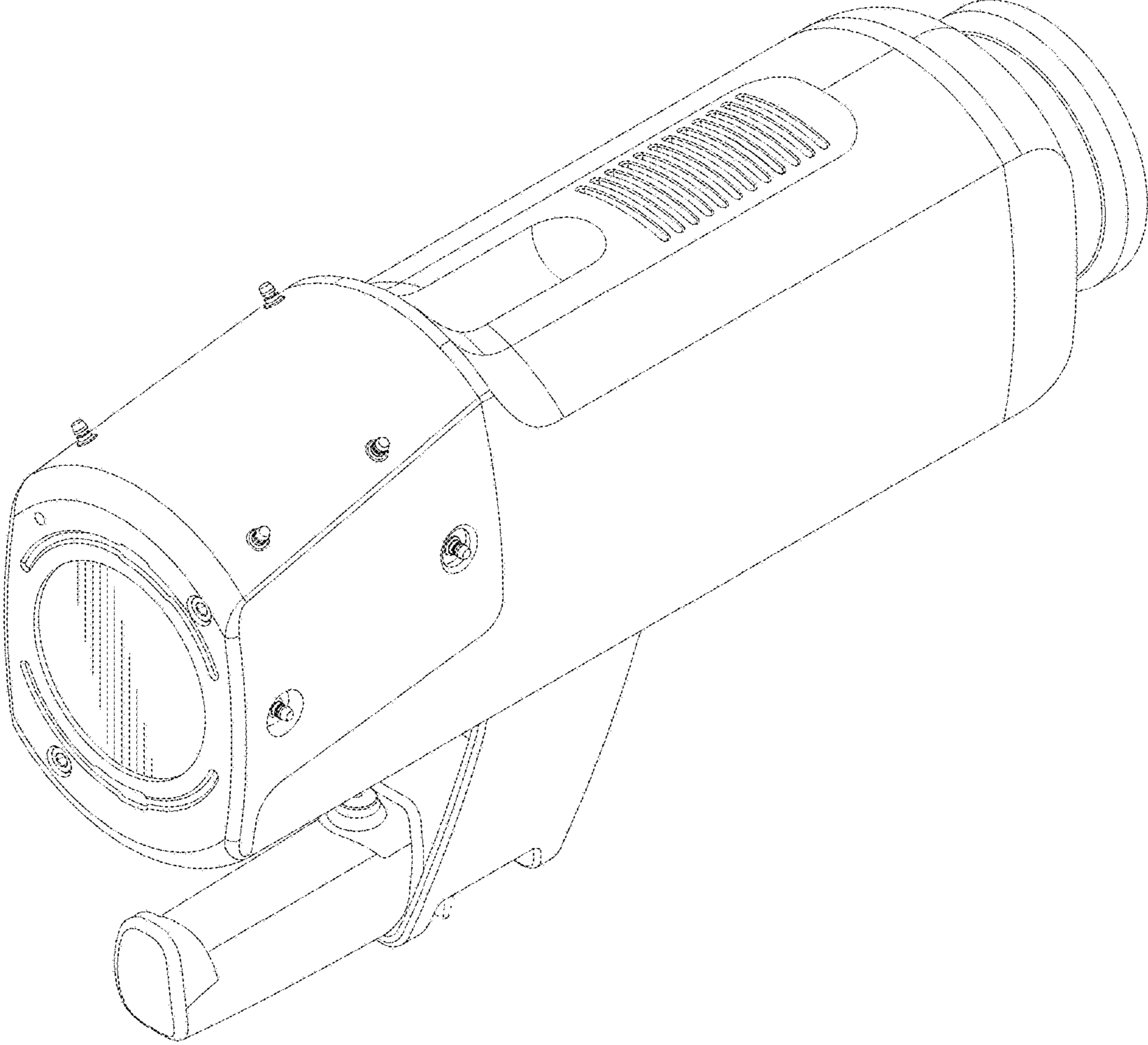


FIG. 1

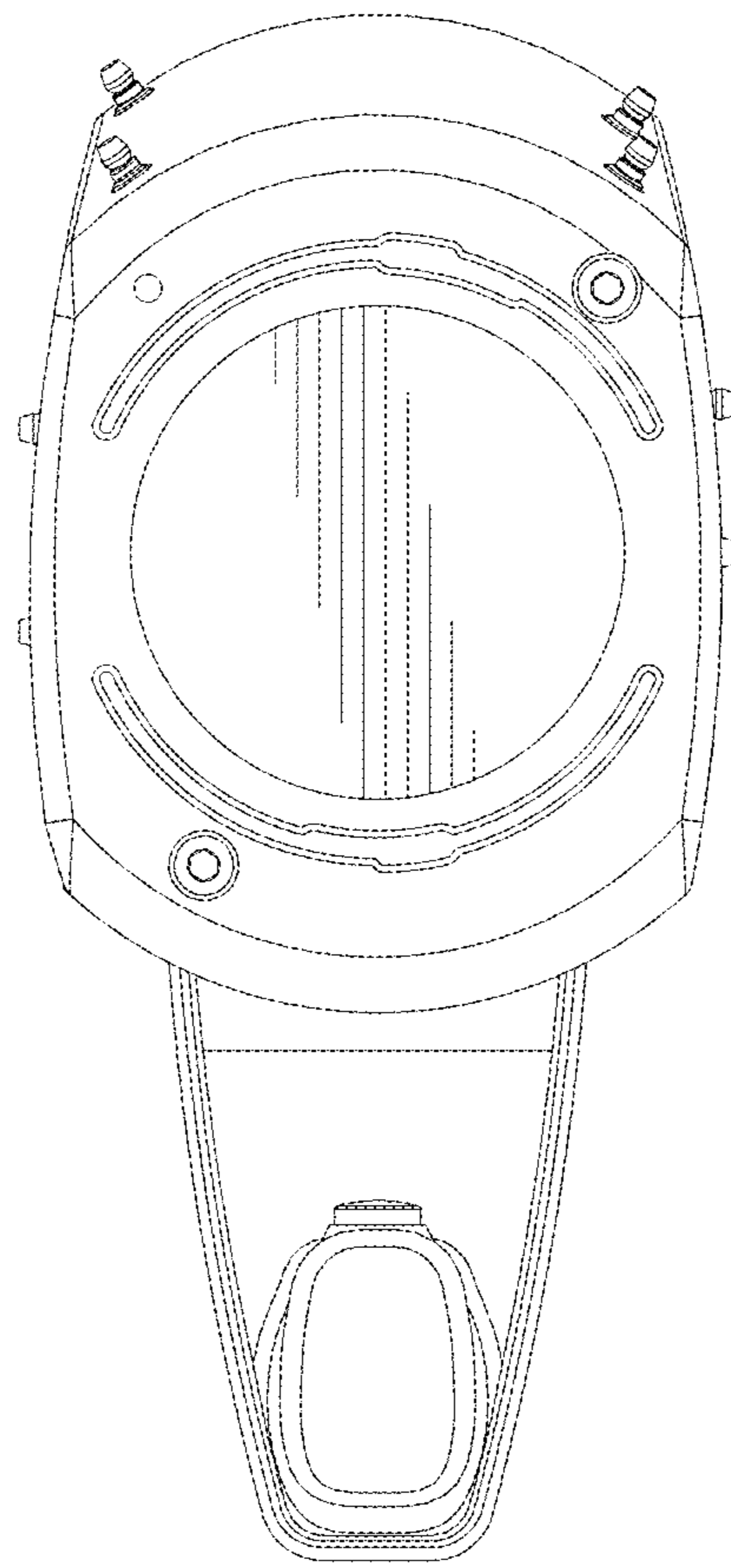


FIG. 2

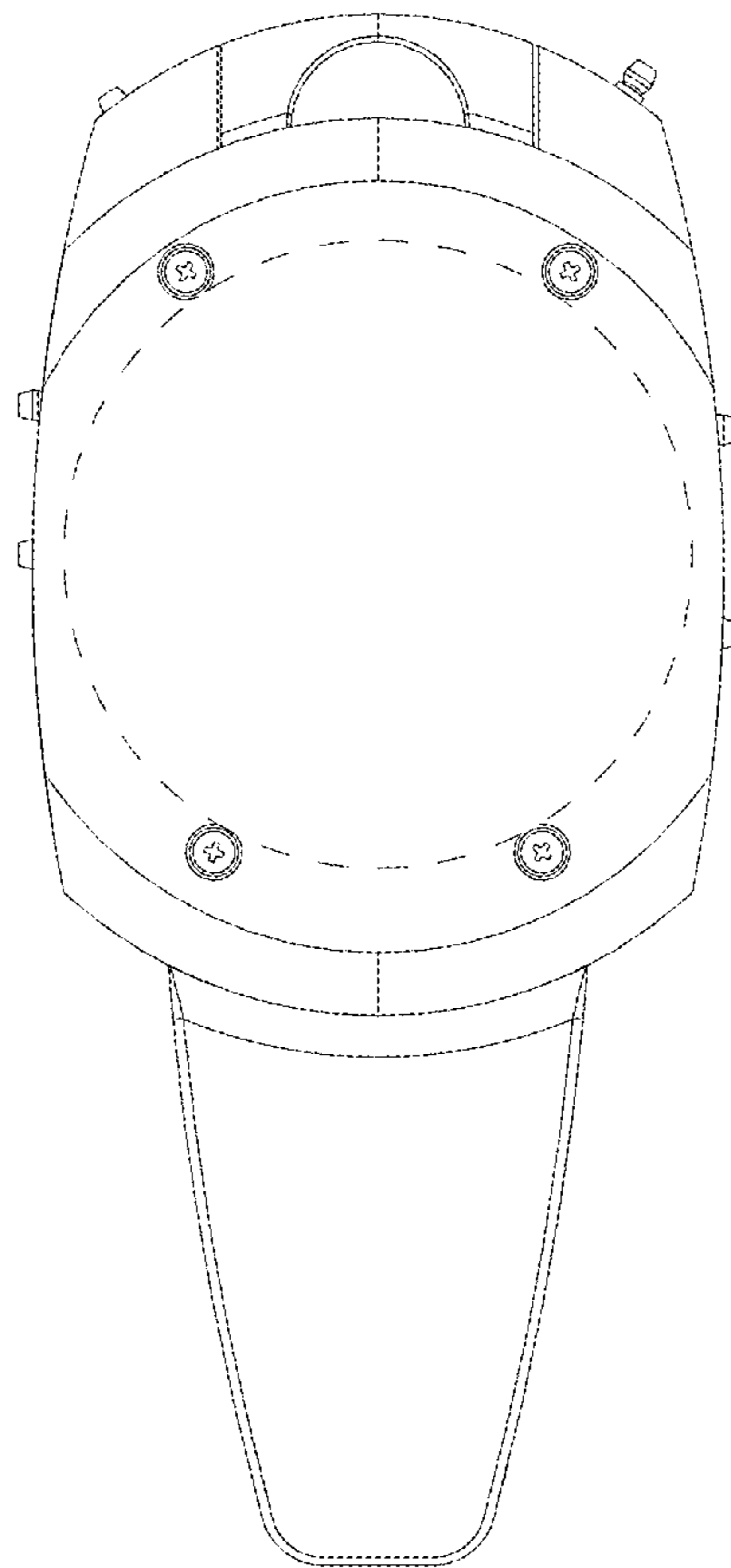


FIG. 3

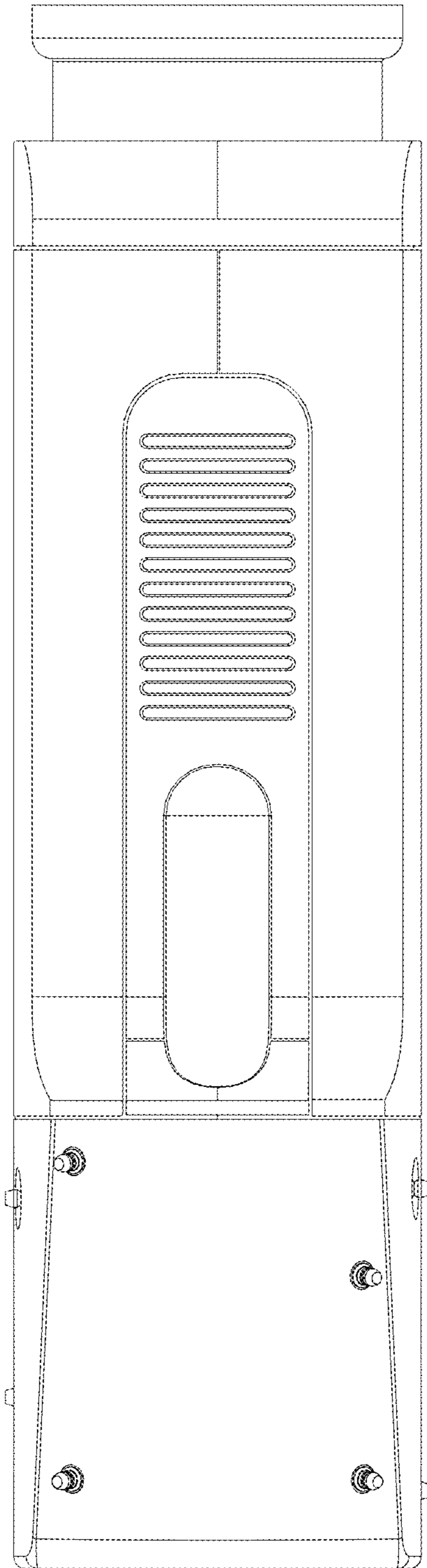


FIG. 4

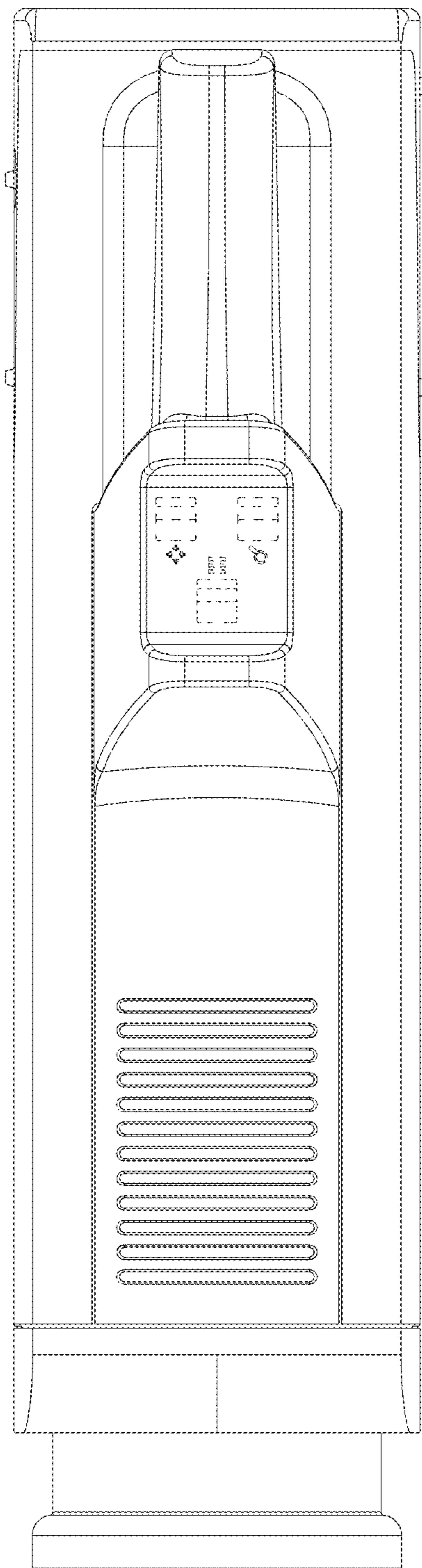


FIG. 5

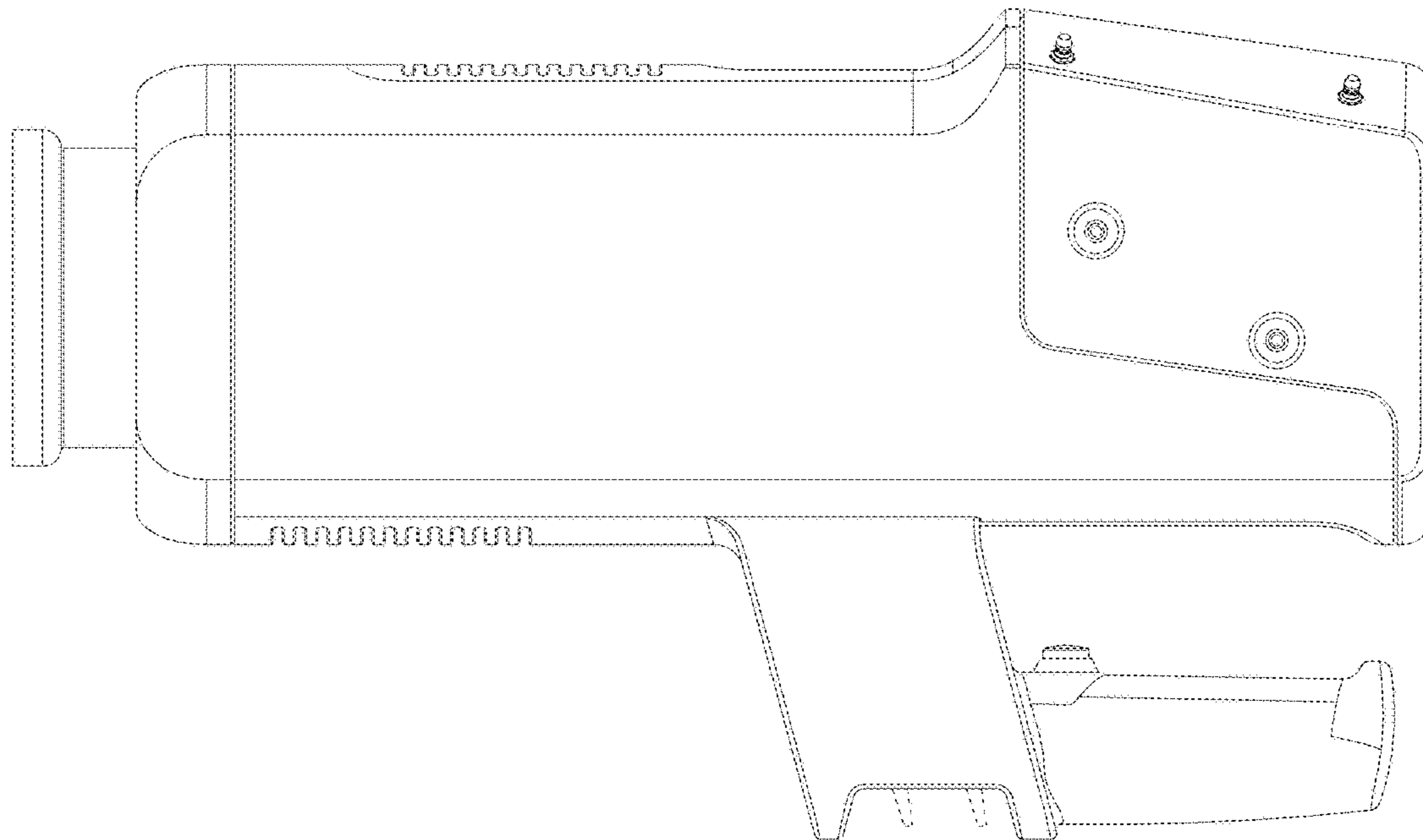


FIG. 6

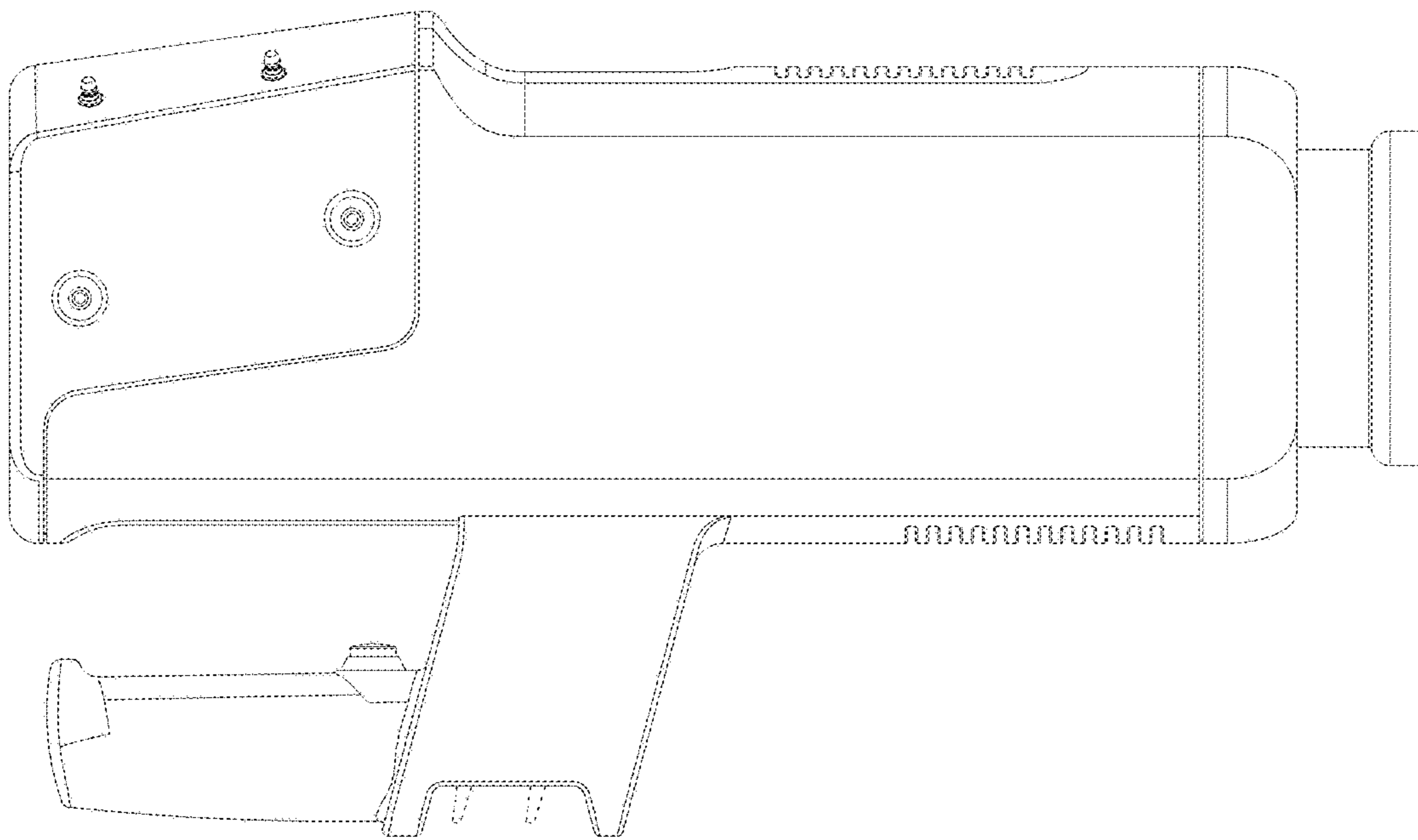


FIG. 7