

US00D827231S

(12) **United States Design Patent** (10) **Patent No.:** **US D827,231 S**
Ward et al. (45) **Date of Patent:** **** Aug. 28, 2018**

- (54) **HANDHELD VACUUM CLEANER**
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- (**) Term: **15 Years**
- (21) Appl. No.: **29/602,930**
- (22) Filed: **May 4, 2017**
- (51) **LOC (11) Cl.** **15-05**
- (52) **U.S. Cl.**
USPC **D32/18**
- (58) **Field of Classification Search**
USPC D32/31–34, 22
CPC A47L 5/24; A47L 5/38; A47L 5/28; A47L 11/4044; A47L 11/34; A47L 7/0038; A47L 9/325; A47L 9/02; A47L 1/08; D01H 11/006; B60S 1/64; A46B 11/001; A46B 11/002; B08B 3/026; B08B 3/028
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D635,728 S * 4/2011 Fjellman D32/22
D731,136 S * 6/2015 Yun D32/34

D731,724 S * 6/2015 Cheon D32/22
D738,584 S * 9/2015 Niedzwecki D32/18
D770,111 S * 10/2016 Lee D32/34
D771,890 S * 11/2016 Kim D32/34
9,675,218 B2 * 6/2017 Kim A47L 5/225
D792,040 S * 7/2017 Meyer D32/22

* cited by examiner

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(57) **CLAIM**

We claim the ornamental design for a handheld vacuum cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a handheld vacuum cleaner according to an embodiment of the invention.

FIG. 2 is a top side view of the handheld vacuum cleaner shown in FIG. 1.

FIG. 3 is a bottom side view of the handheld vacuum cleaner shown in FIG. 1.

FIG. 4 is a left side view of the handheld vacuum cleaner shown in FIG. 1.

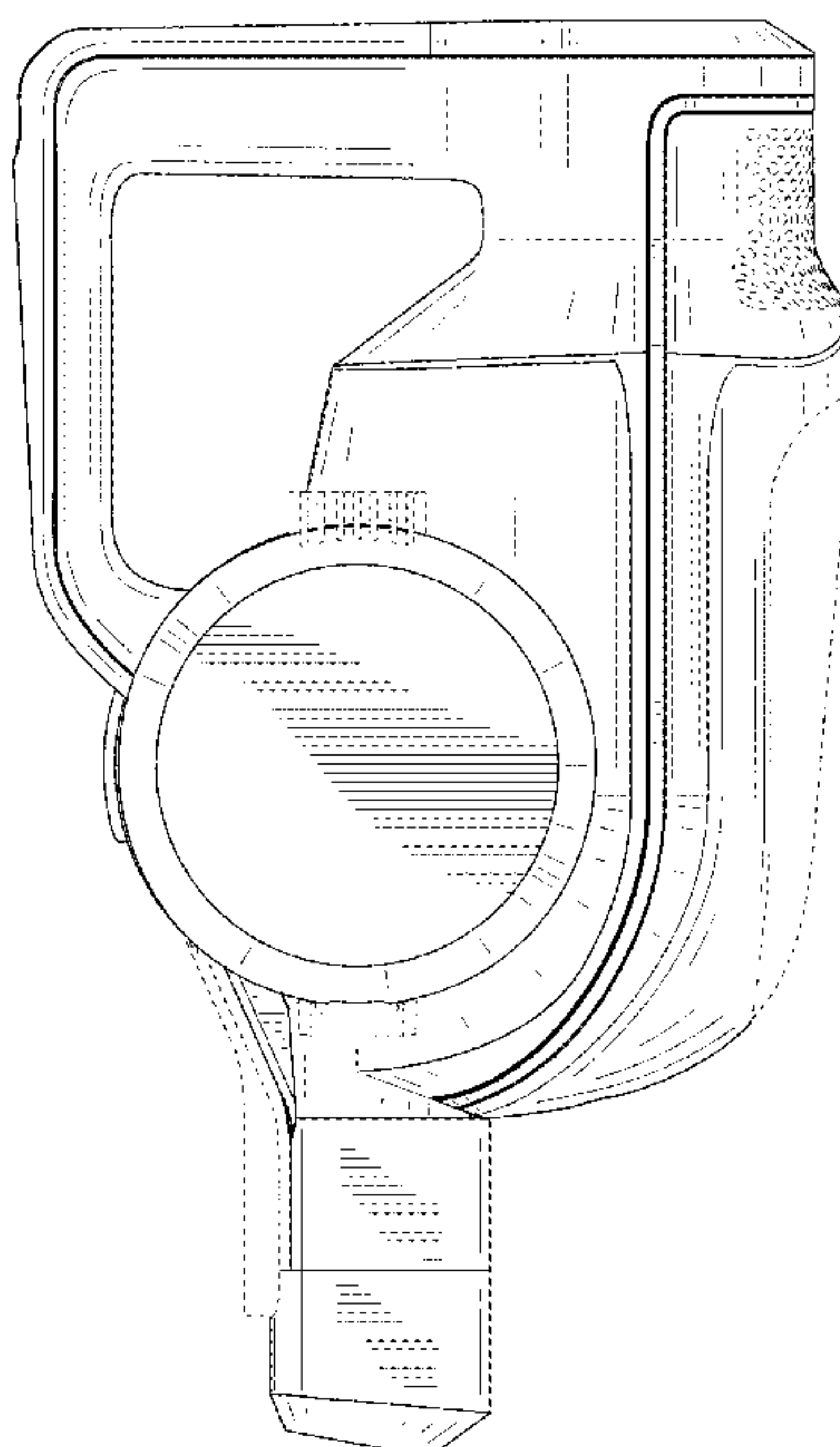
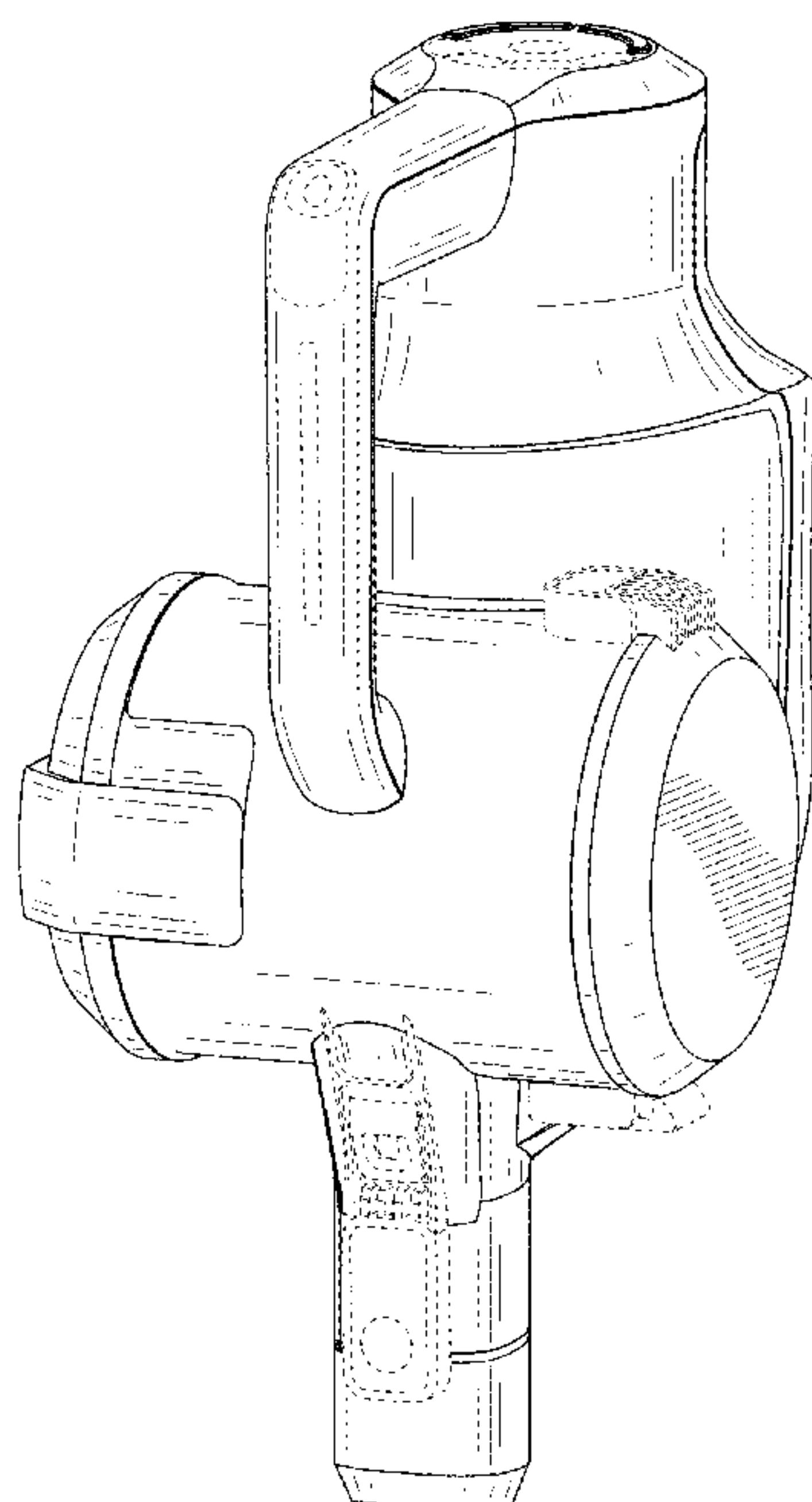
FIG. 5 is a right side view of the handheld vacuum cleaner shown in FIG. 1.

FIG. 6 is a rear side view of the handheld vacuum cleaner shown in FIG. 1; and,

FIG. 7 is a front side view of the handheld vacuum cleaner shown in FIG. 1.

The details shown in broken lines form no part of the claimed design.

1 Claim, 6 Drawing Sheets



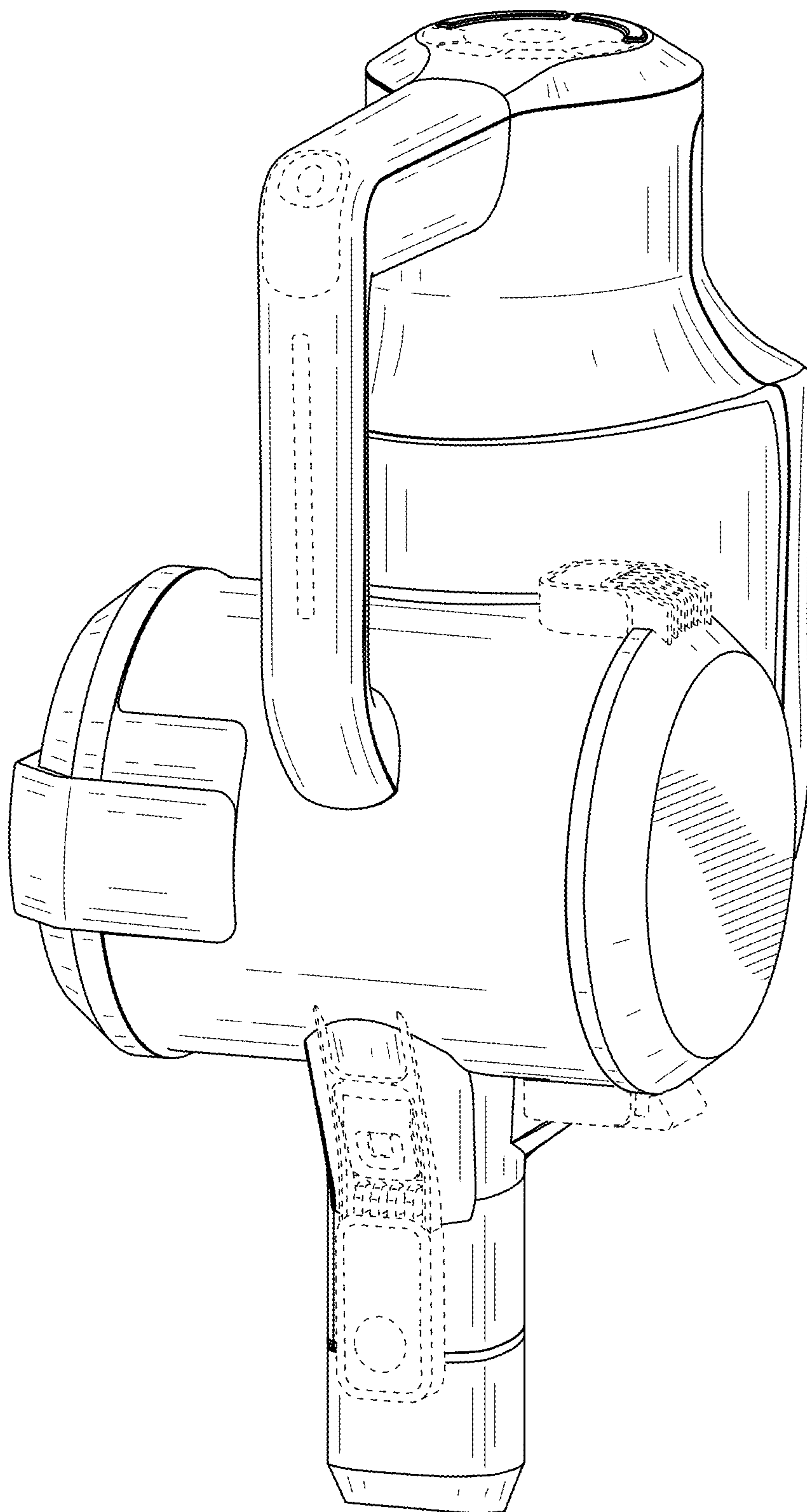


FIG. 1

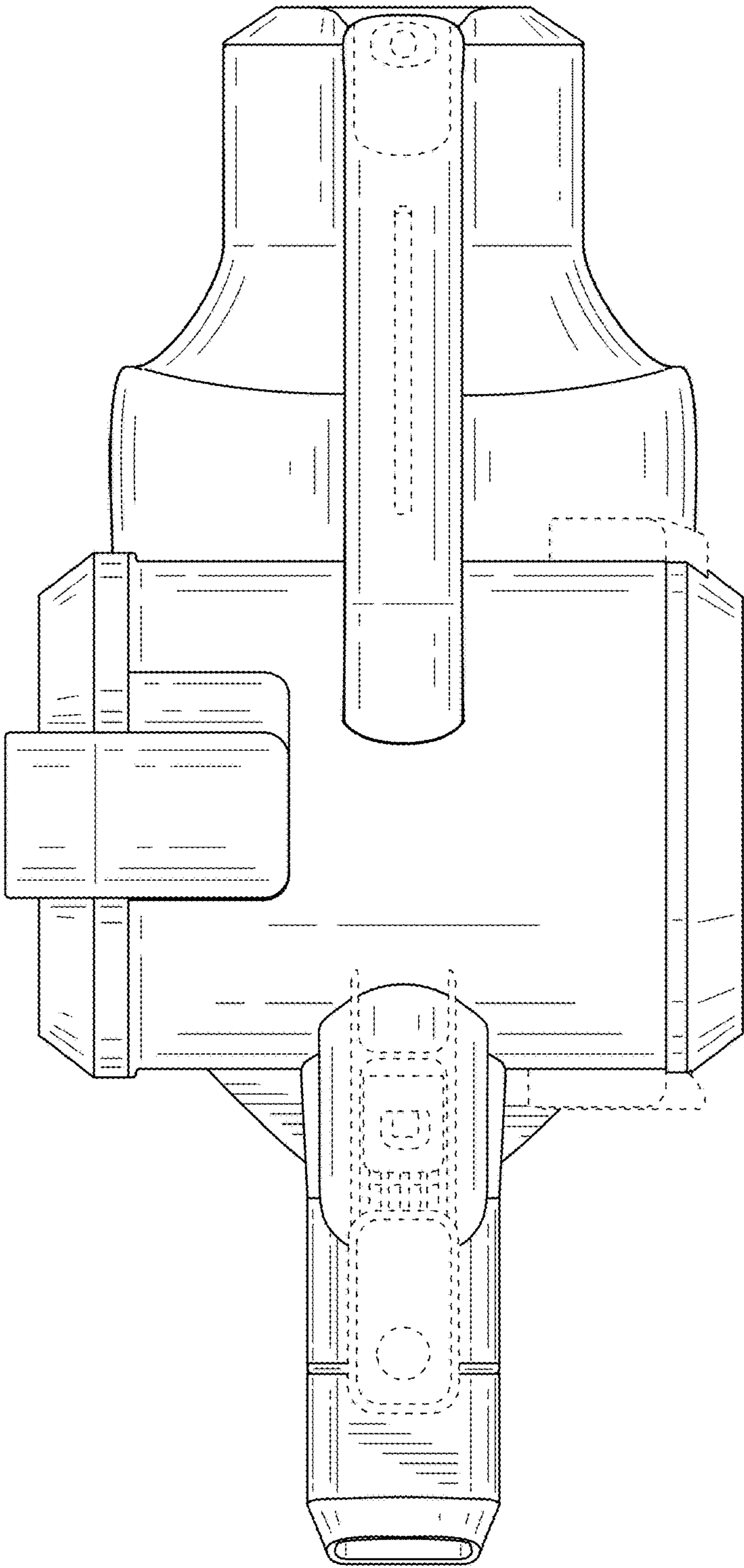


FIG. 2

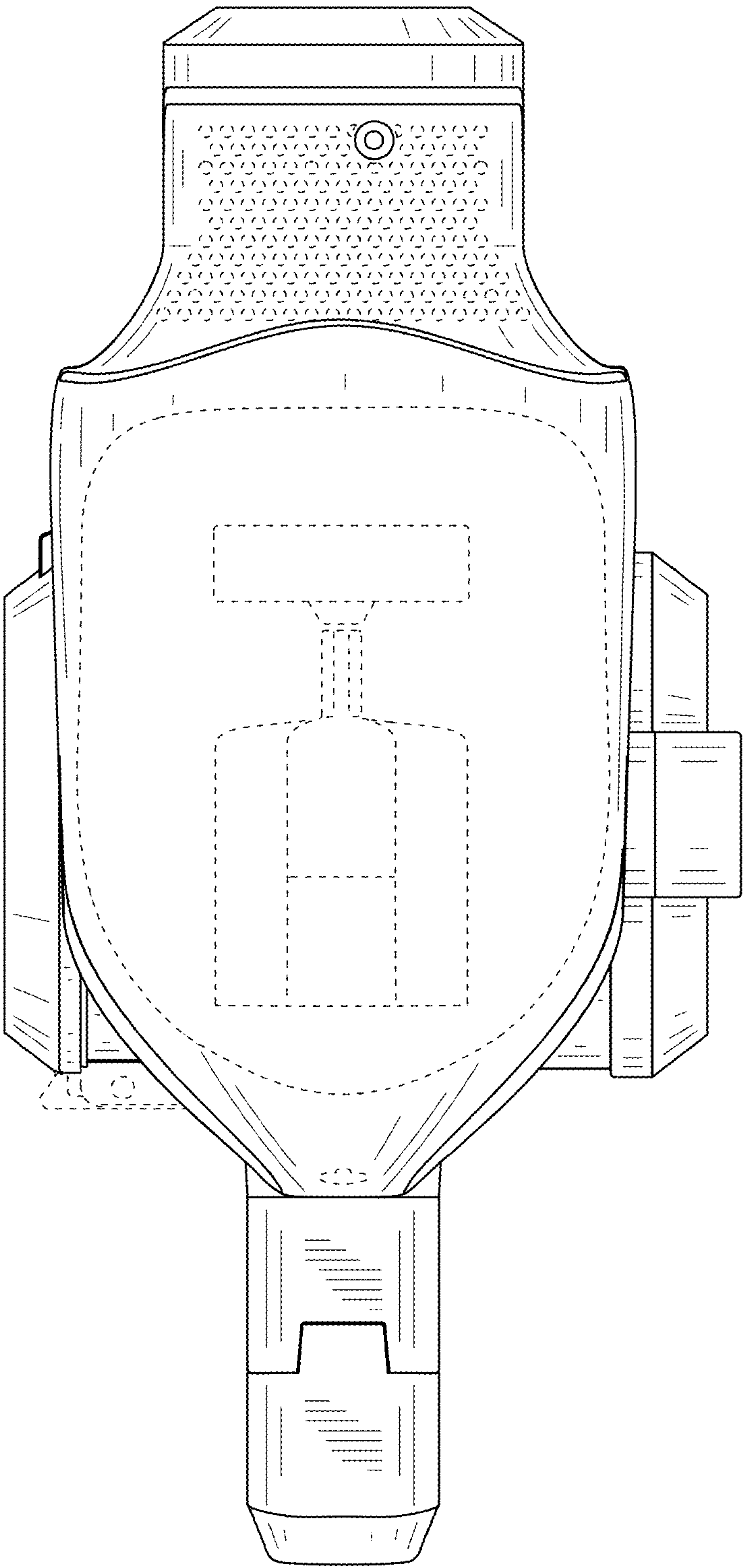


FIG. 3

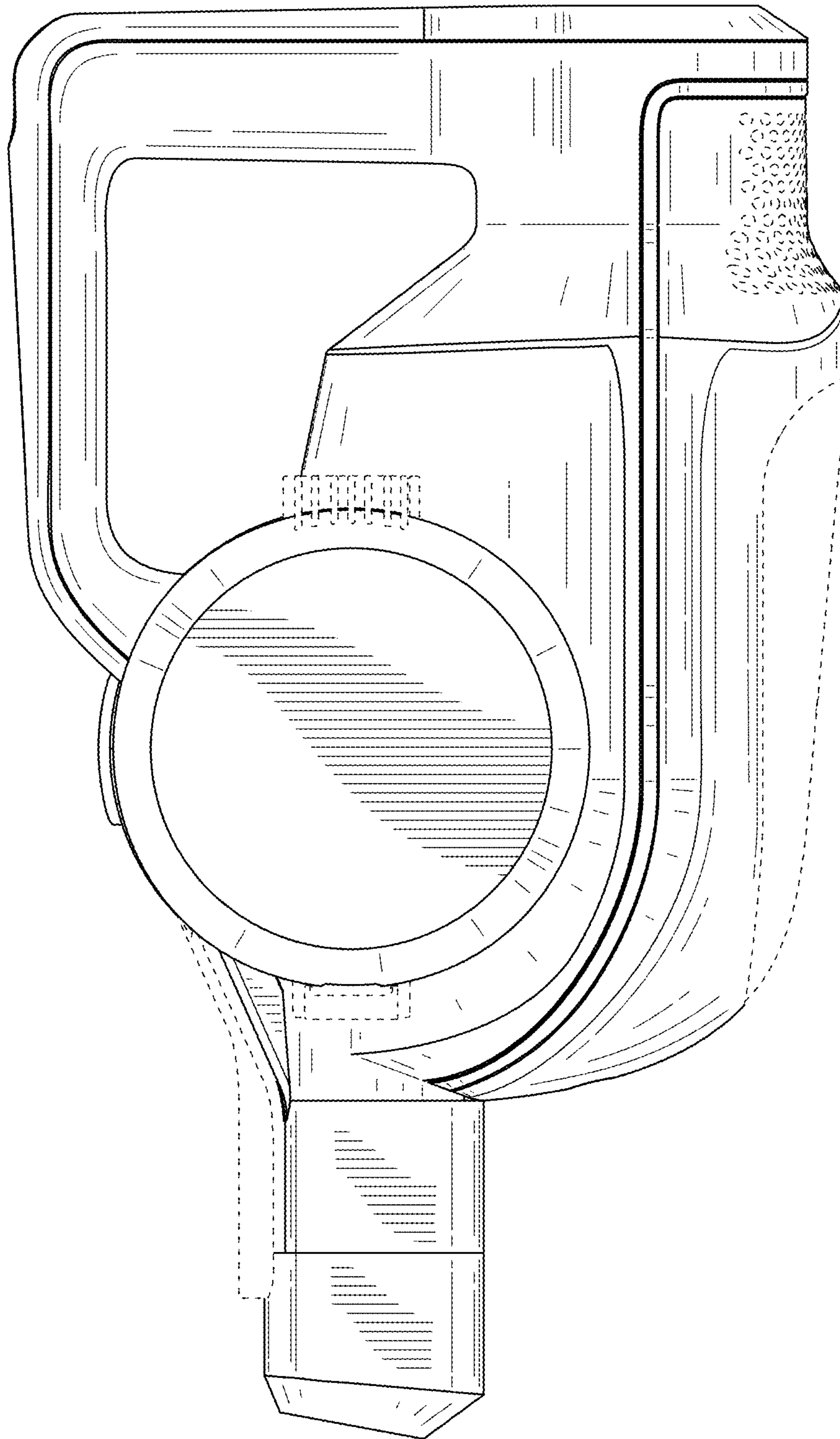


FIG. 4

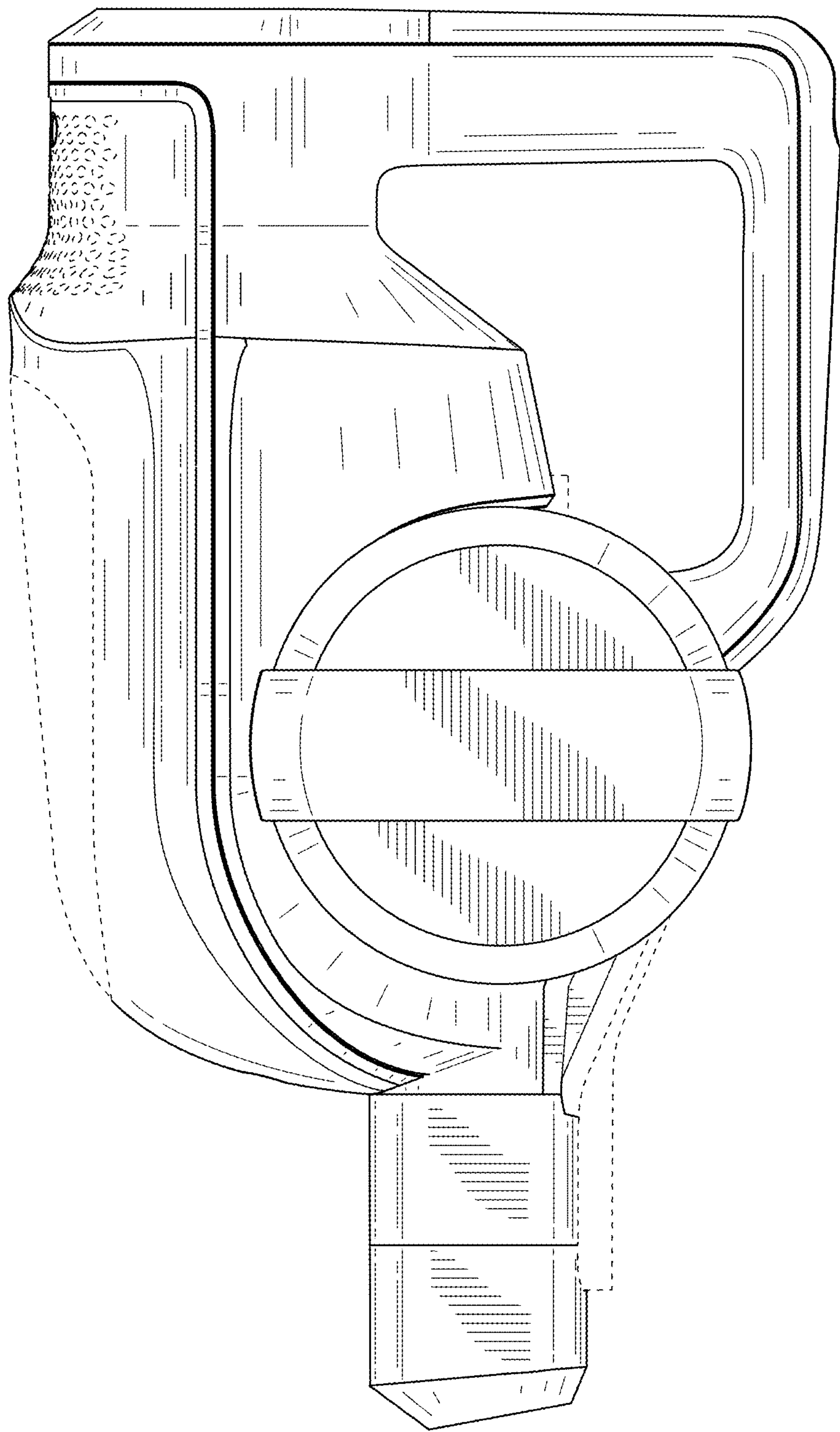


FIG. 5

