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(12) **United States Design Patent**
Fry

(10) **Patent No.:** **US D877,435 S**
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- (54) **VACUUM CLEANER**
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(US)
- (73) Assignee: **SHOP VAC CORPORATION,**
Williamsport, PA (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/646,841**
- (22) Filed: **May 8, 2018**
- (51) **LOC (12) Cl.** **15-05**
- (52) **U.S. Cl.**
USPC **D32/34**
- (58) **Field of Classification Search**
USPC D32/21-23, 31, 34
CPC . A47L 5/362; A47L 5/365; A47L 5/28; A47L
5/32; A47L 5/36; A47L 7/0004; A47L
7/0038; A47L 11/29; A47L 11/30
See application file for complete search history.

- 8,046,868 B2 * 11/2011 Sheddy A47L 5/365
15/323
- 8,261,406 B2 * 9/2012 Kunz A47L 5/365
15/326
- D713,109 S * 9/2014 Seasholtz D32/31
- D756,579 S * 5/2016 Johnson D32/31

* cited by examiner

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(57) **CLAIM**

The ornamental design for a vacuum cleaner, as shown and described.

DESCRIPTION

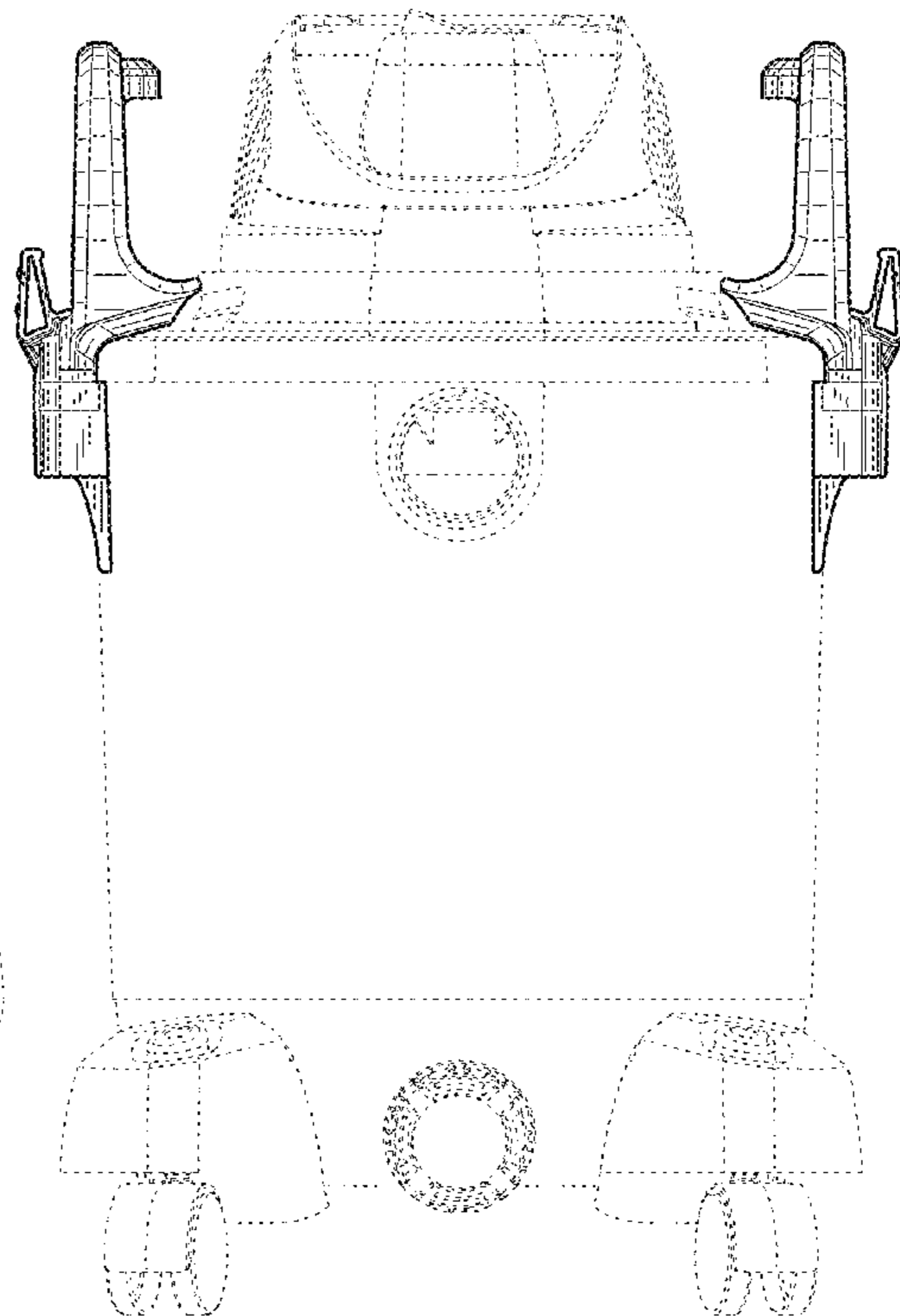
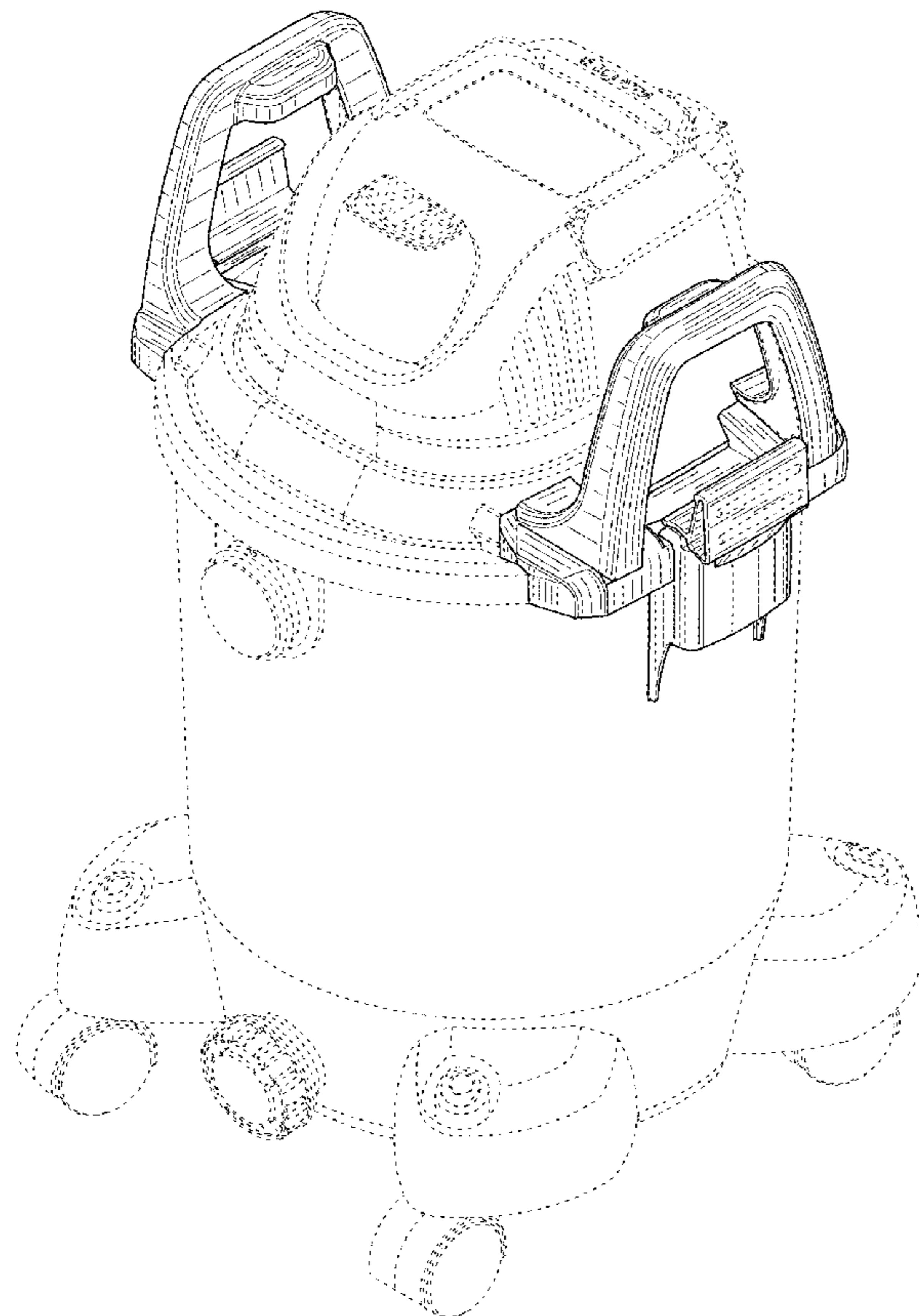
FIG. 1 is a top, right-side, and front view of a vacuum cleaner, showing the new design.
 FIG. 2 is a front view of the vacuum cleaner.
 FIG. 3 is a right-side view of the vacuum cleaner.
 FIG. 4 is a left-side view of the vacuum cleaner.
 FIG. 5 is a back view of the vacuum cleaner; and,
 FIG. 6 is a top view of the vacuum cleaner.
 The broken lines represent portions of the vacuum cleaner that form no part of the claimed design.

1 Claim, 6 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 7,644,469 B2 * 1/2010 Beers A47L 5/365
15/319
- 8,037,572 B2 * 10/2011 Phelan A47L 5/365
15/327.6



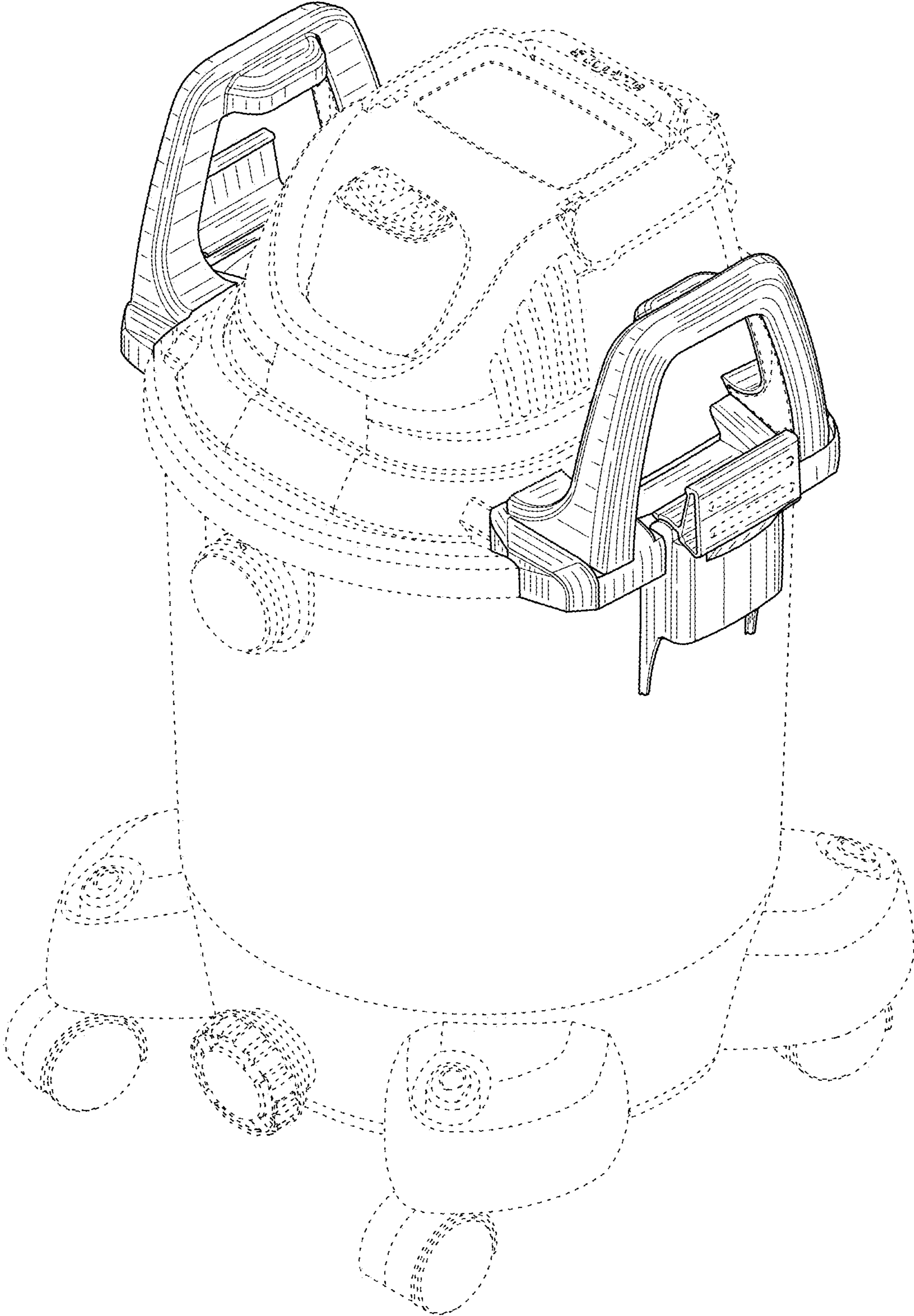


FIG. 1

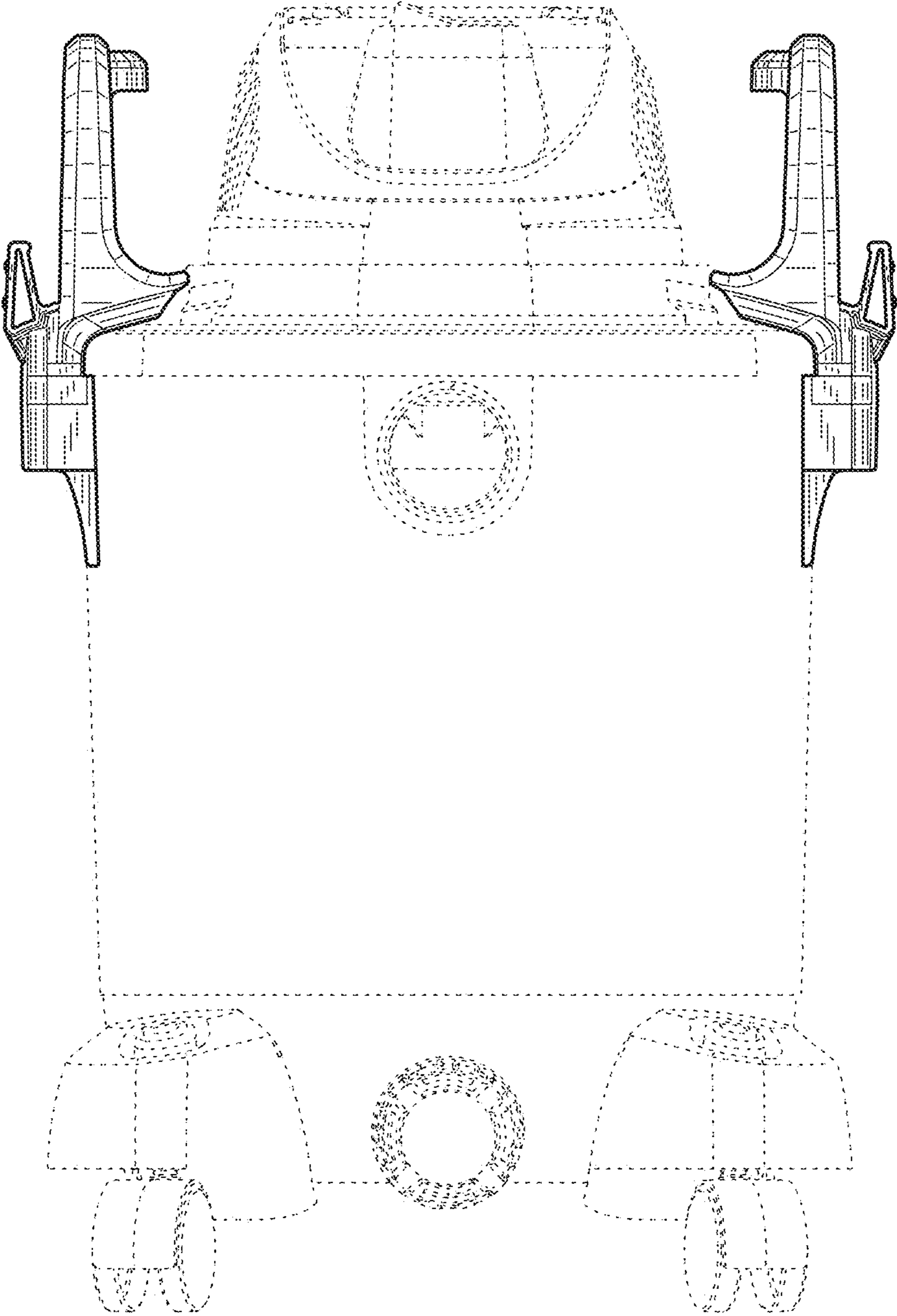


FIG. 2

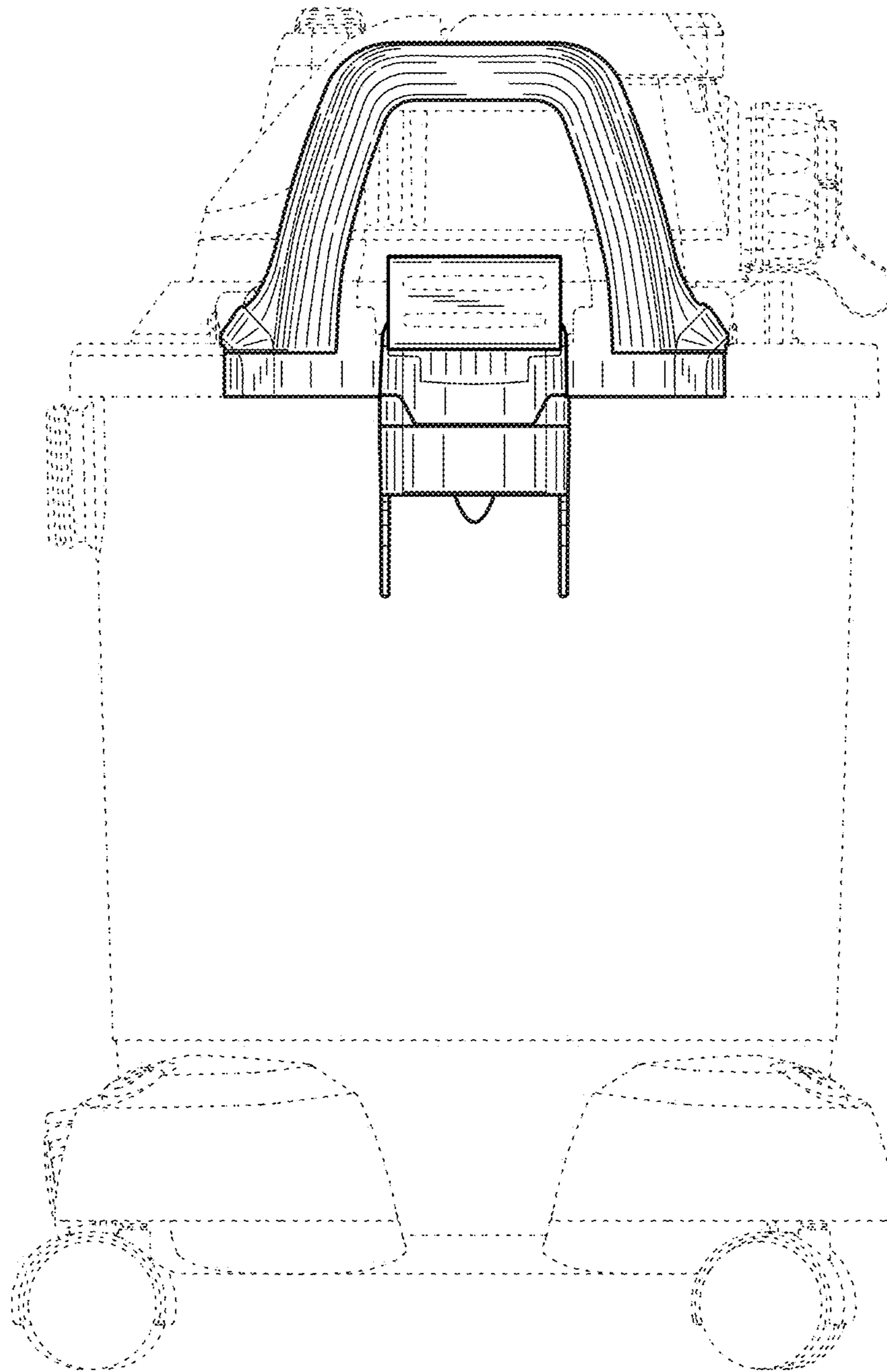


FIG. 3

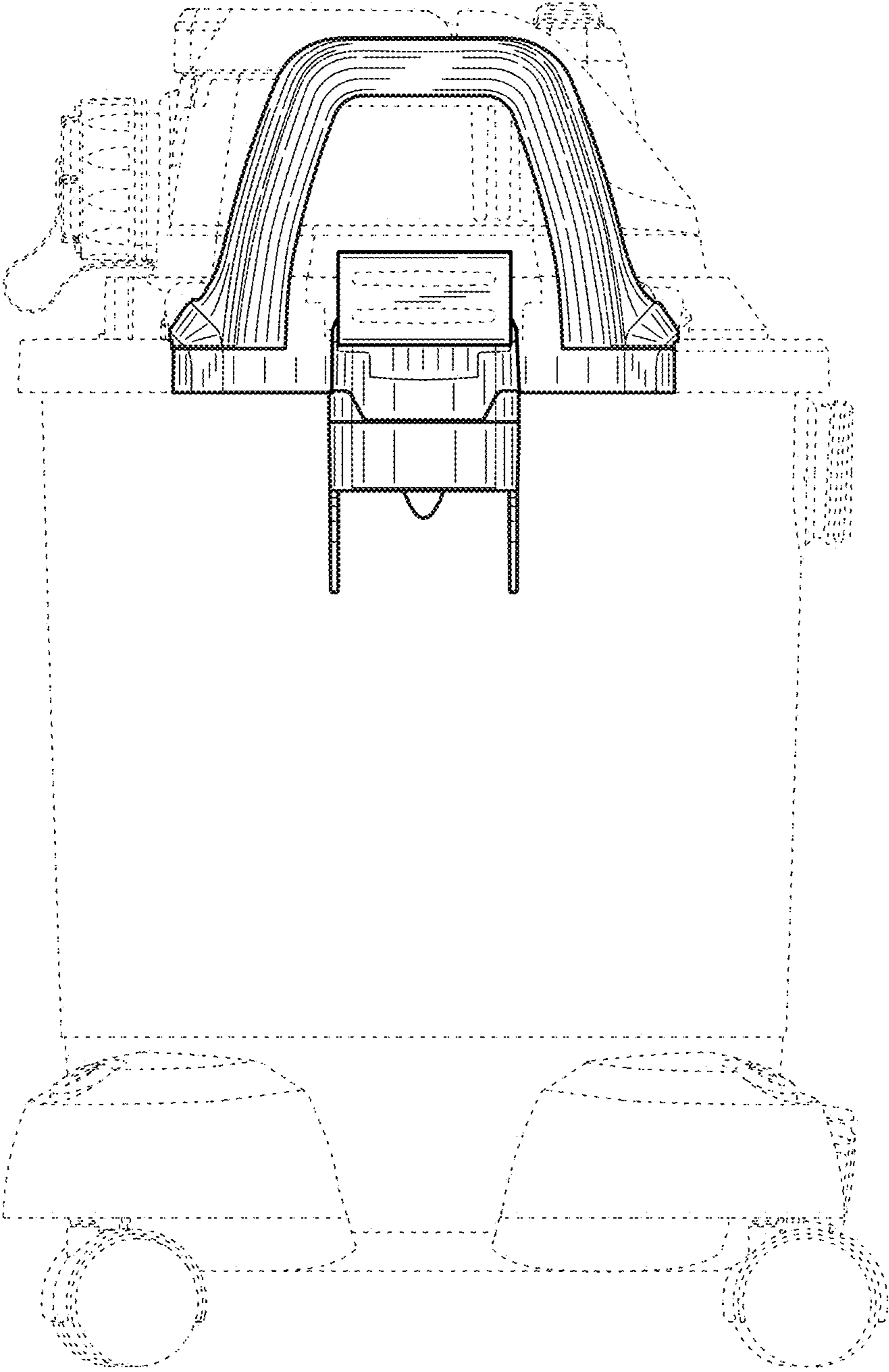


FIG. 4

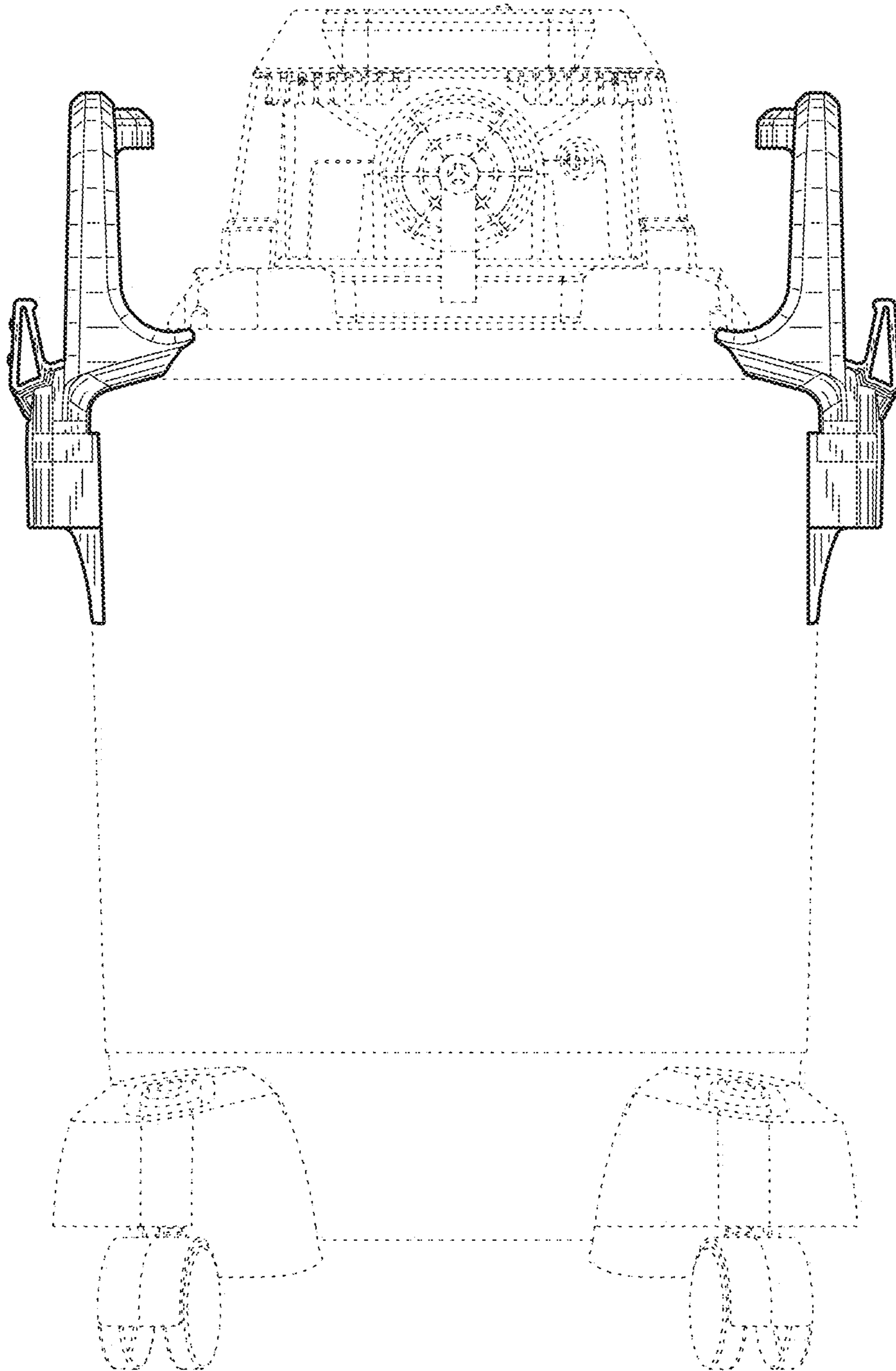


FIG. 5

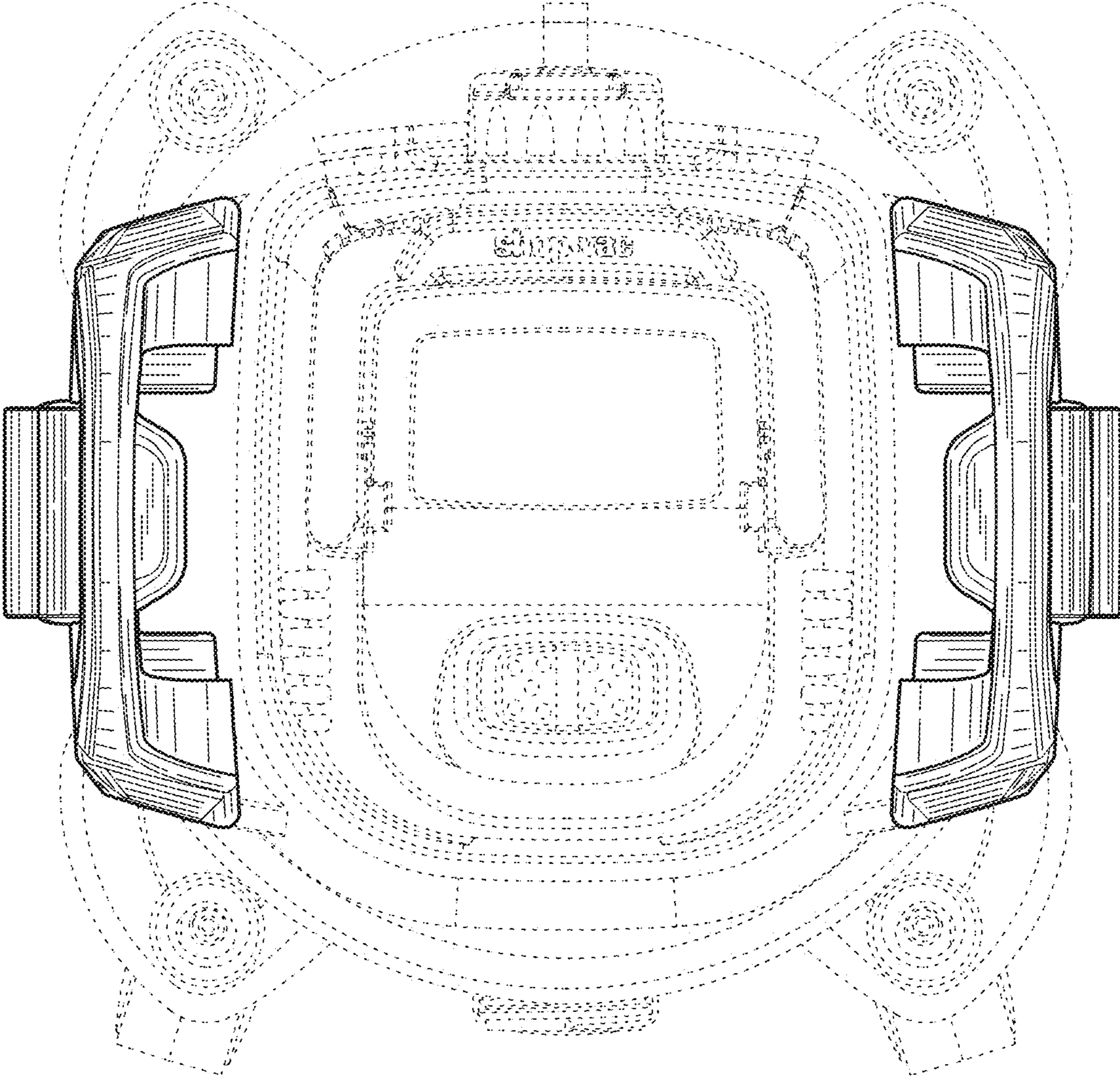


FIG. 6