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

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(54) **FLOOR CLEANER**

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

(21) Appl. No.: **29/756,233**

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(51) **LOC (13) Cl.** ..... **15-05**

(52) **U.S. Cl.**  
USPC ..... **D32/22**

(58) **Field of Classification Search**  
USPC ..... D32/17, 18, 21, 22, 23, 24, 31; D21/526  
CPC ..... A46B 9/06; A47L 5/24; A47L 5/28; A47L  
5/30; A47L 5/34; A47L 7/0004; A47L  
9/04; A47L 9/325; A47L 9/1683; A47L  
11/302; A47L 11/34; A47L 11/4005;  
A47L 11/4008; A47L 11/4016; A47L  
11/4041;

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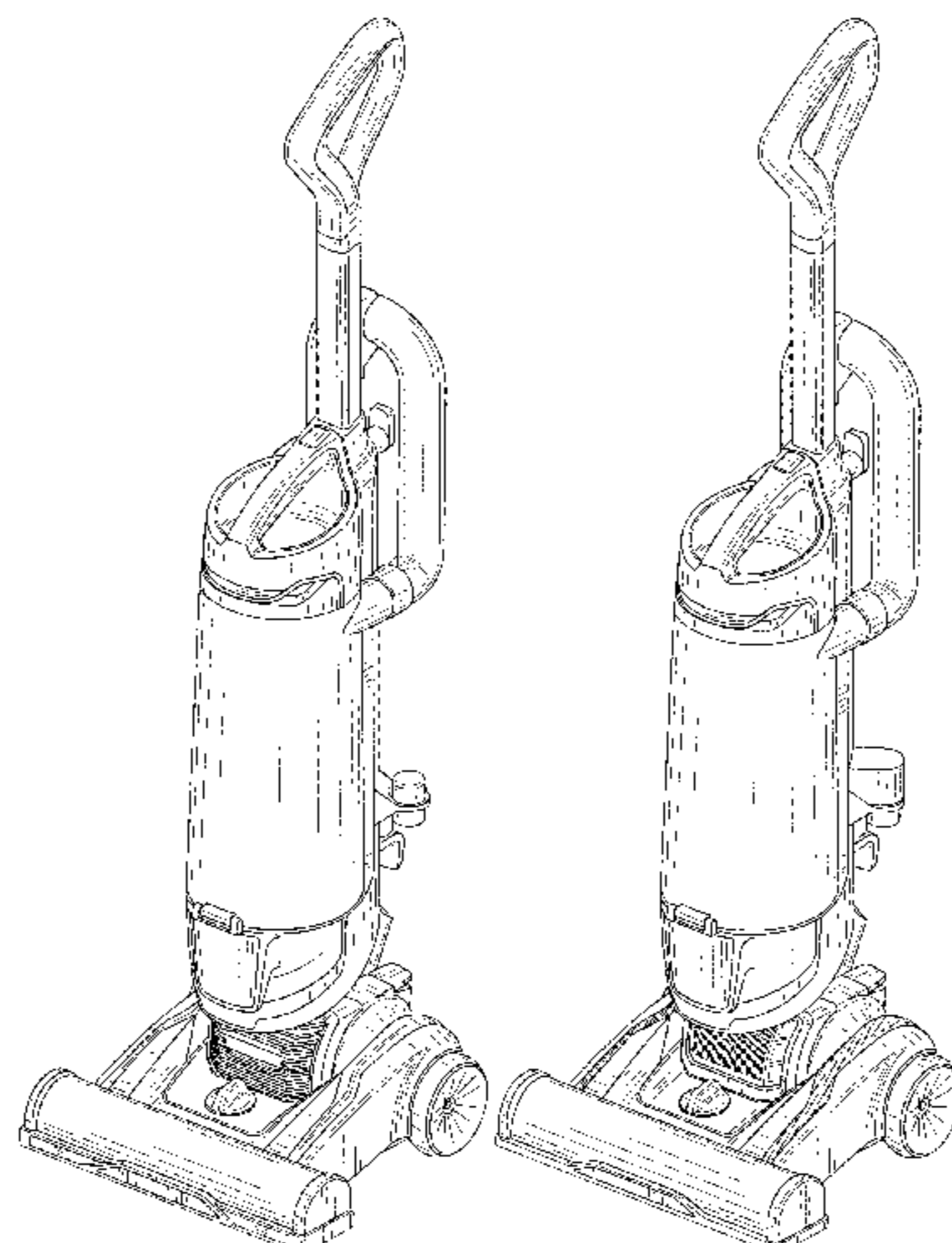
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a floor cleaner showing our new design according to a first embodiment.  
 FIG. 2 is a front view of the floor cleaner of FIG. 1.  
 FIG. 3 is a back view of the floor cleaner of FIG. 1.  
 FIG. 4 is a right side view of the floor cleaner of FIG. 1.  
 FIG. 5 is a left side view of the floor cleaner of FIG. 1.  
 FIG. 6 is top view of the floor cleaner of FIG. 1.  
 FIG. 7 is a bottom view of the floor cleaner of FIG. 1.  
 FIG. 8 is a perspective view of the floor cleaner according to a second embodiment.  
 FIG. 9 is a front view of the floor cleaner of FIG. 8.  
 FIG. 10 is a back view of the floor cleaner of FIG. 8.  
 FIG. 11 is a right side view of the floor cleaner of FIG. 8.  
 FIG. 12 is a left side view of the floor cleaner of FIG. 8.  
 FIG. 13 is top view of the floor cleaner of FIG. 8; and,  
 FIG. 14 is a bottom view of the floor cleaner of FIG. 8.  
 The elements shown in broken lines are included for the purpose of showing portions of the floor cleaner that form no part of the claimed design.

**1 Claim, 14 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... A47L 11/4044; A47L 11/4088; A47L  
13/225; B04C 5/185; B08B 3/04; B23Q  
11/0046; B23Q 11/0071; E04H 4/1636  
See application file for complete search history.

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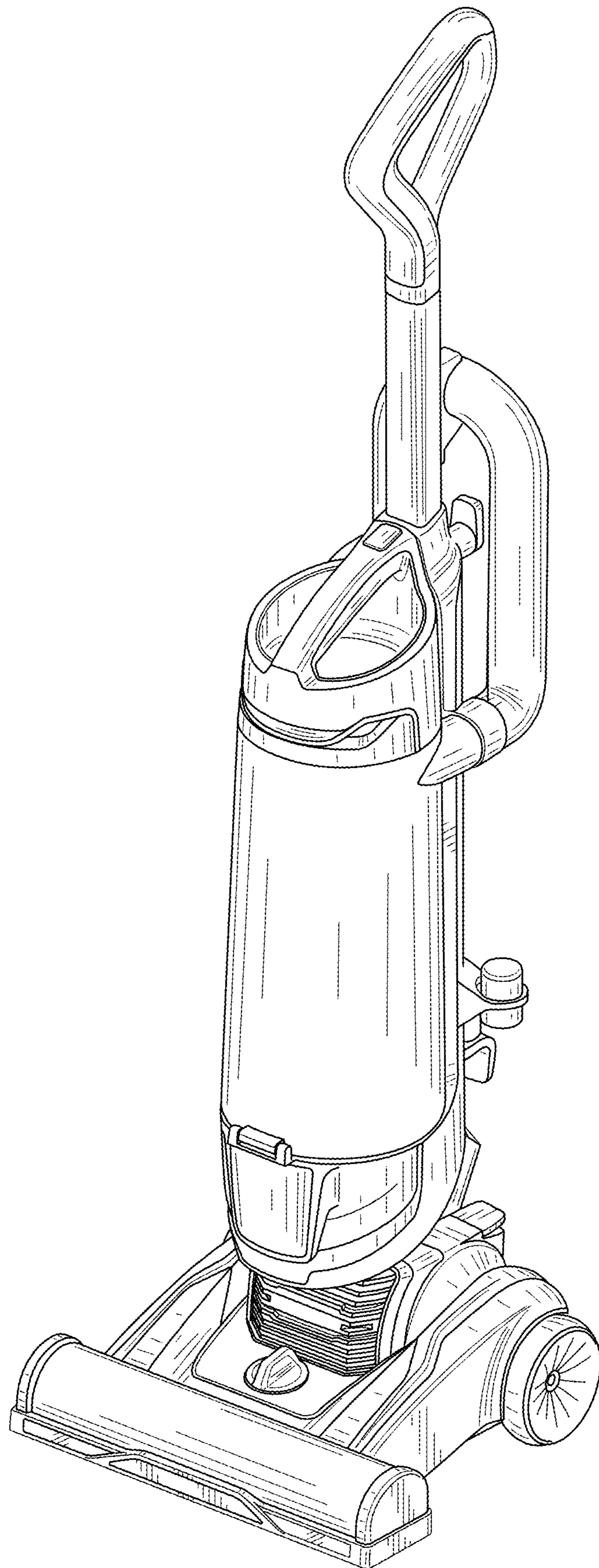


FIG. 1

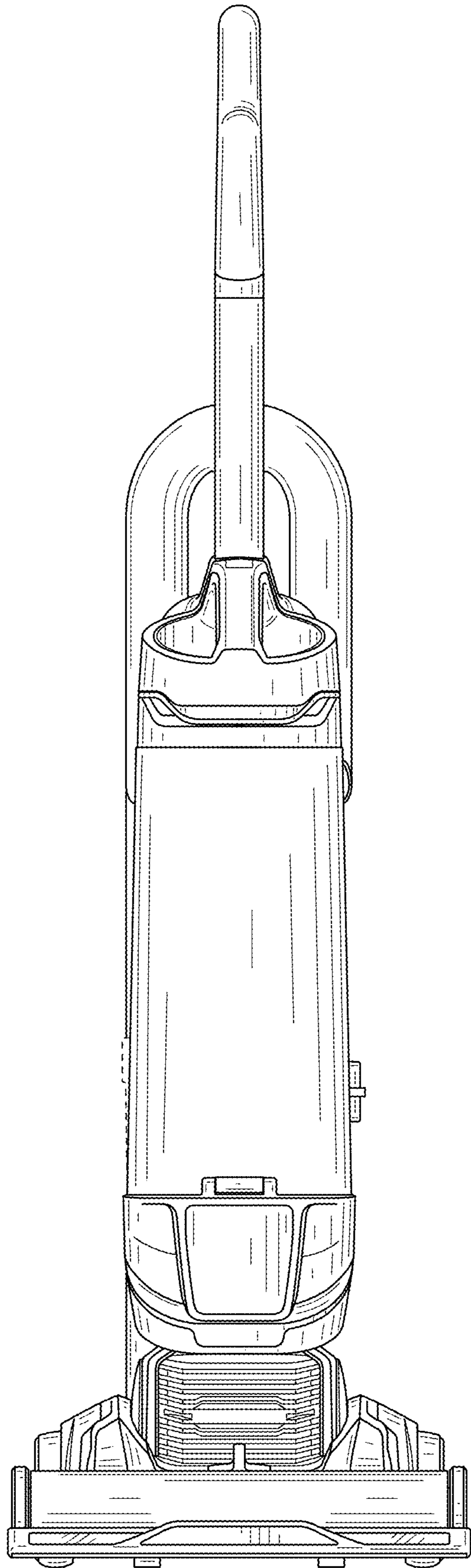


FIG. 2

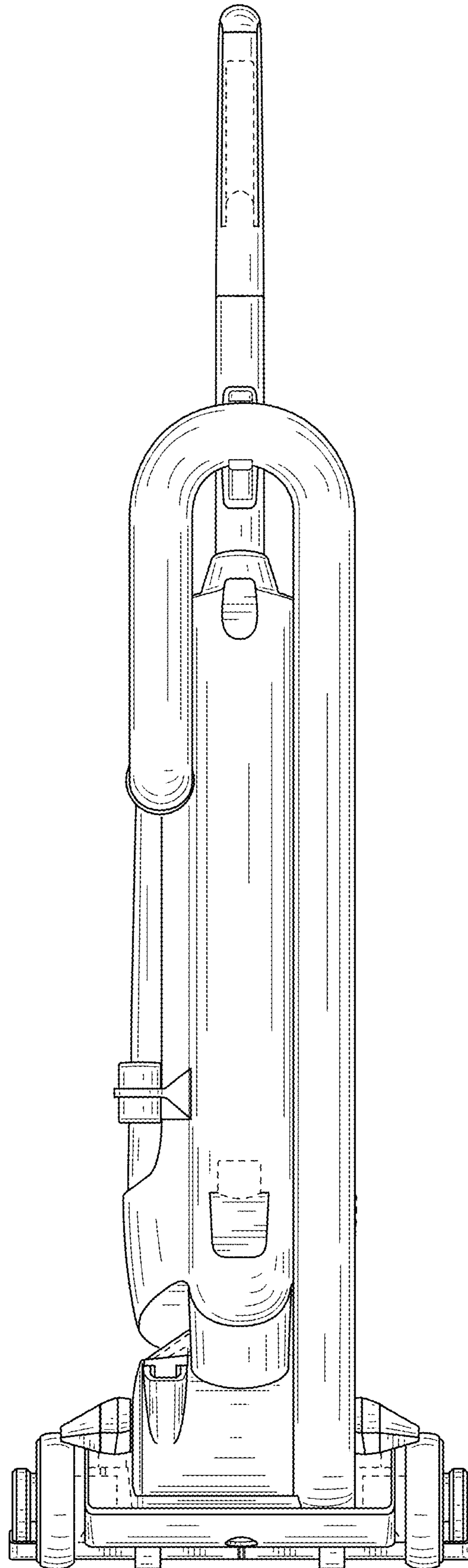


FIG. 3

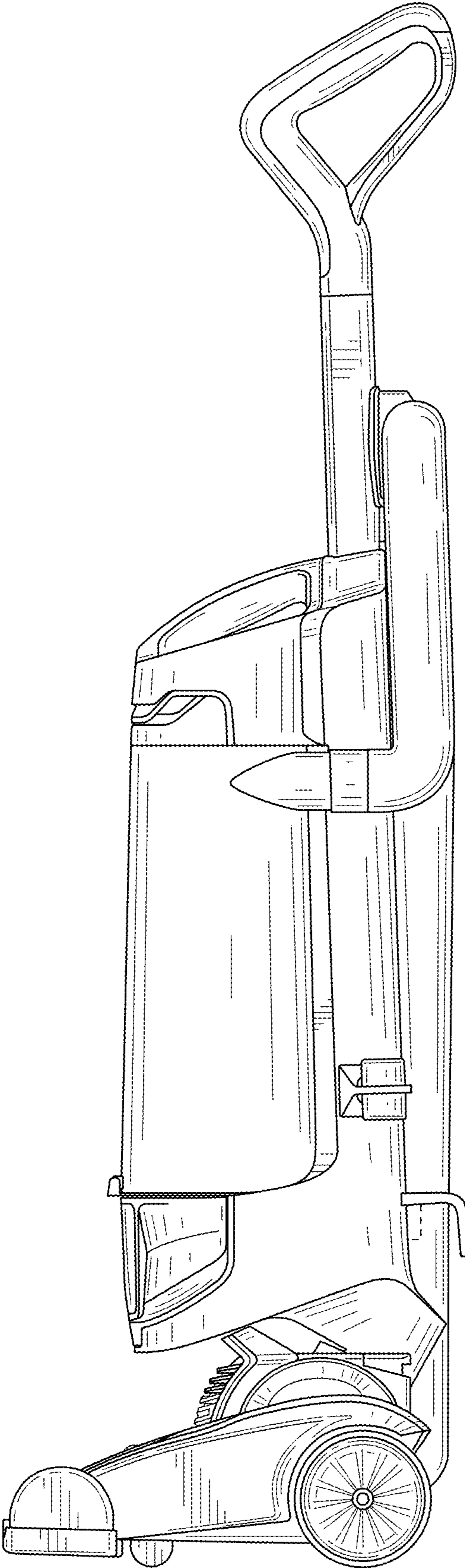


FIG. 4

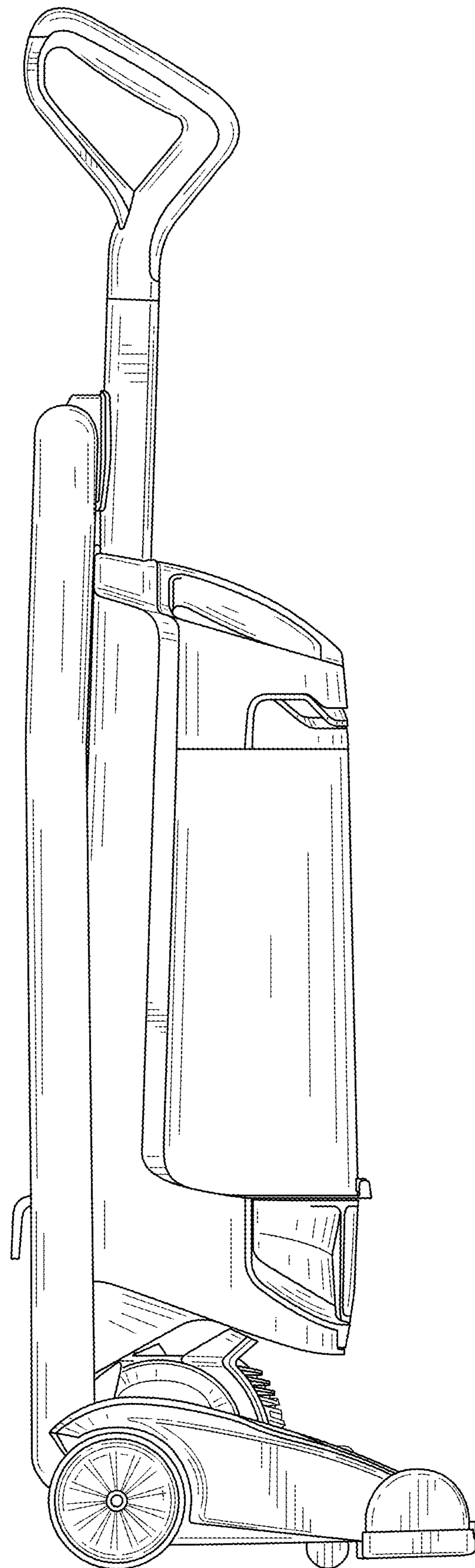


FIG. 5

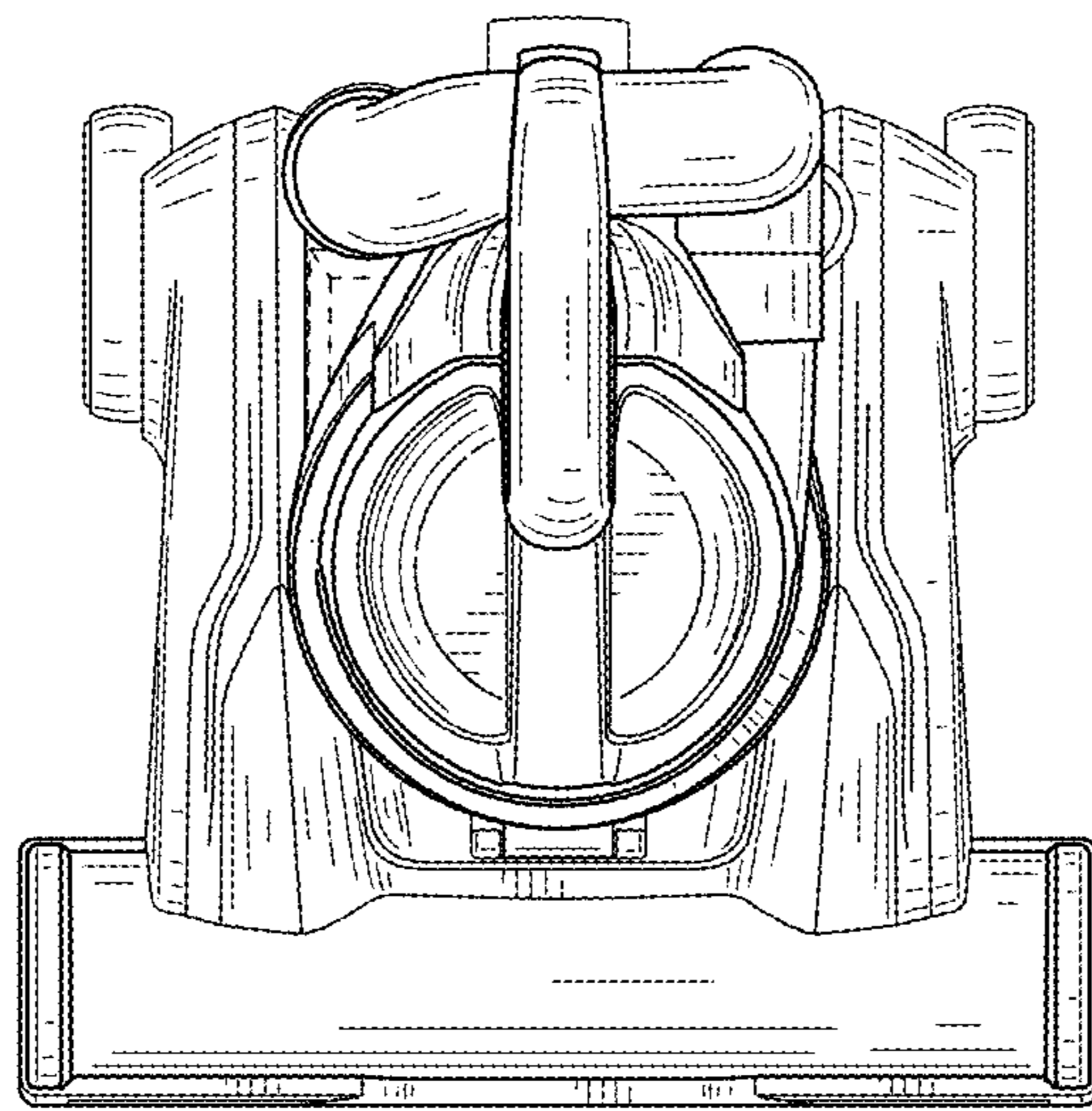


FIG. 6



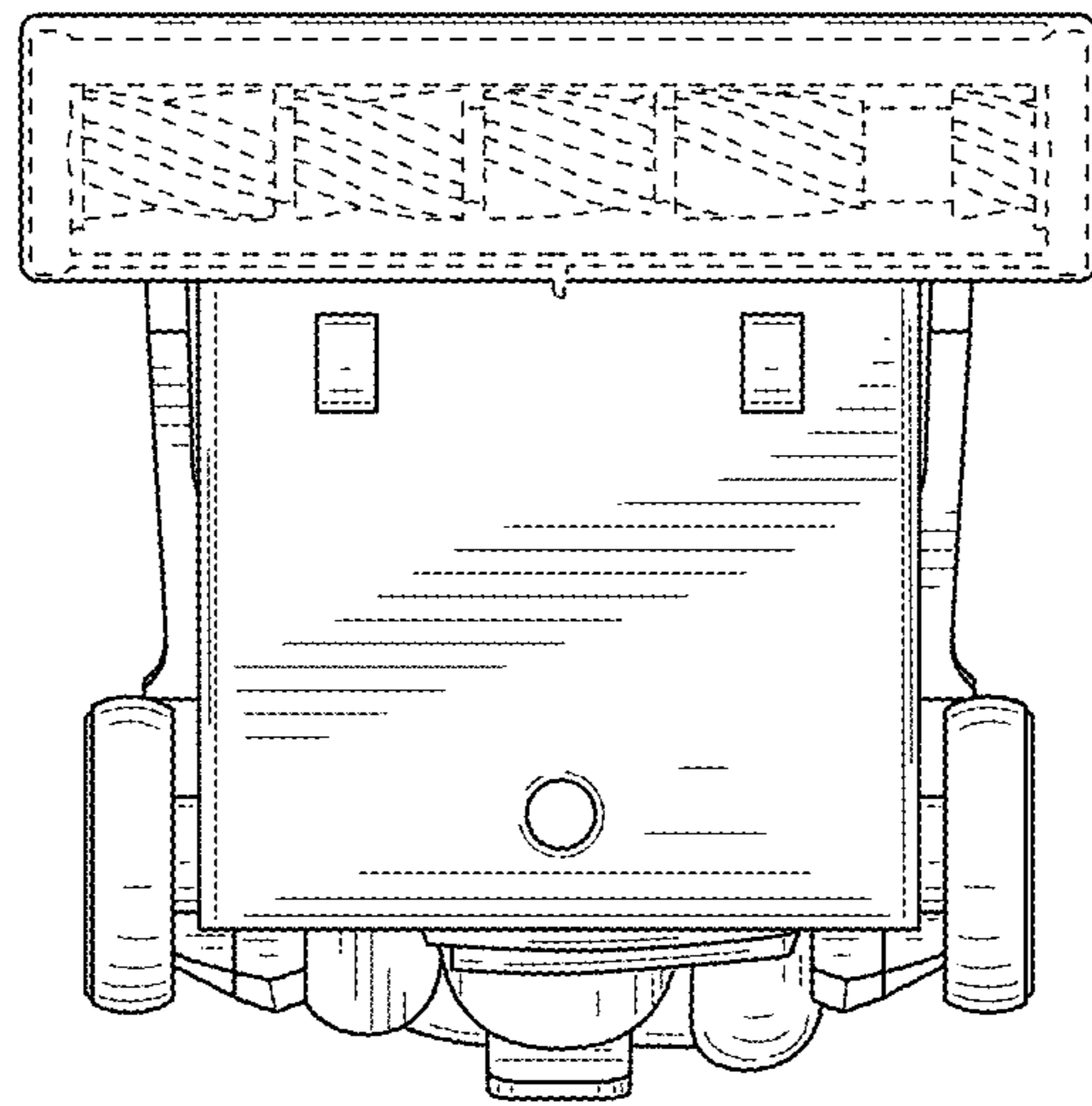


FIG. 7

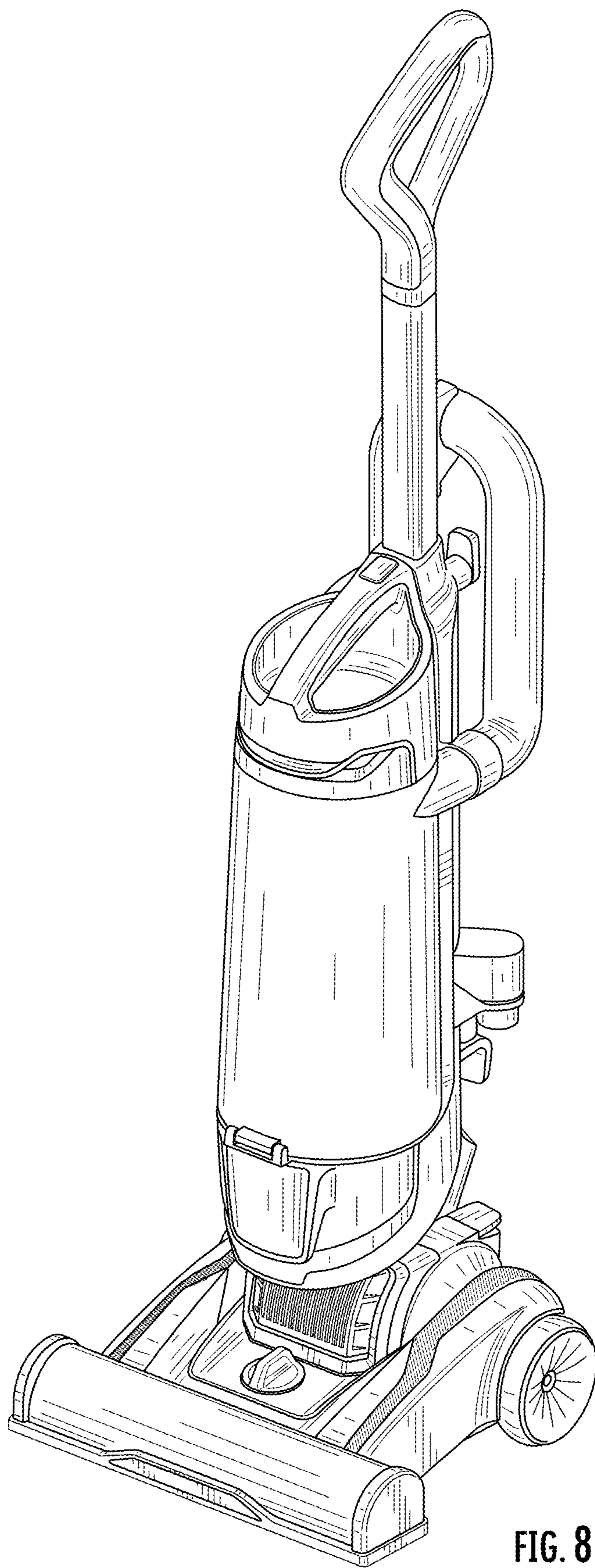


FIG. 8

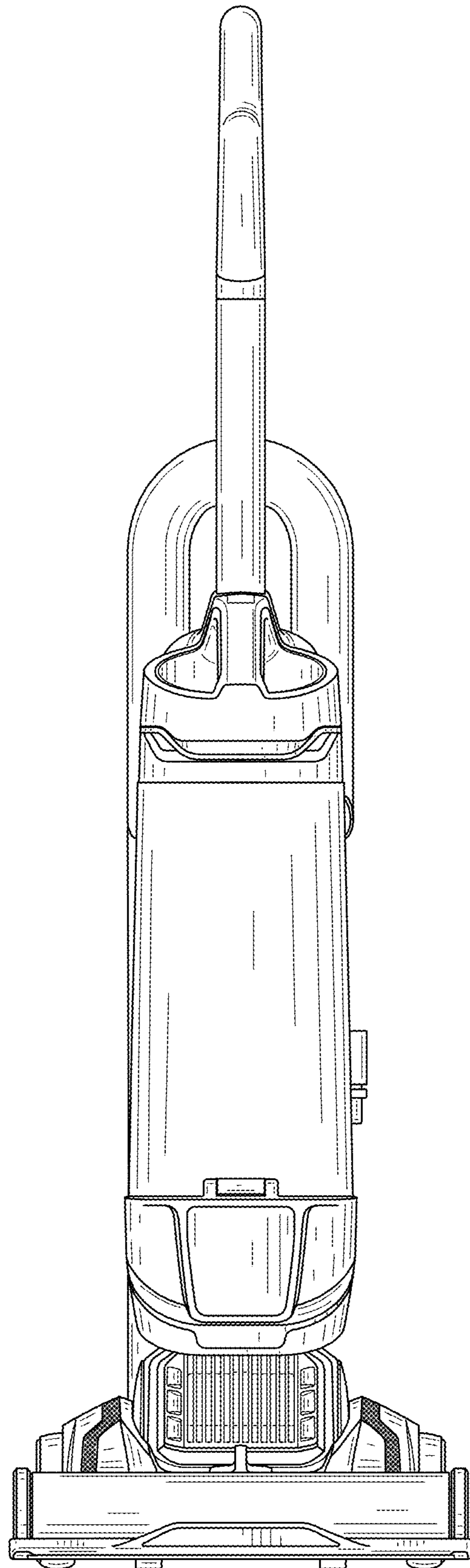


FIG. 9

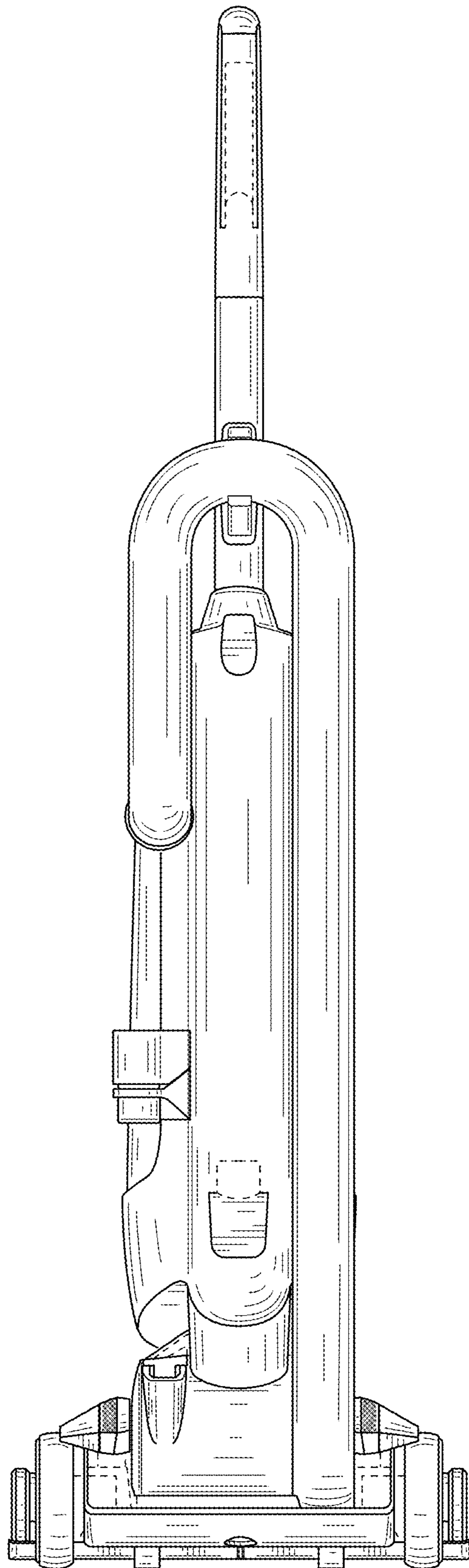


FIG. 10

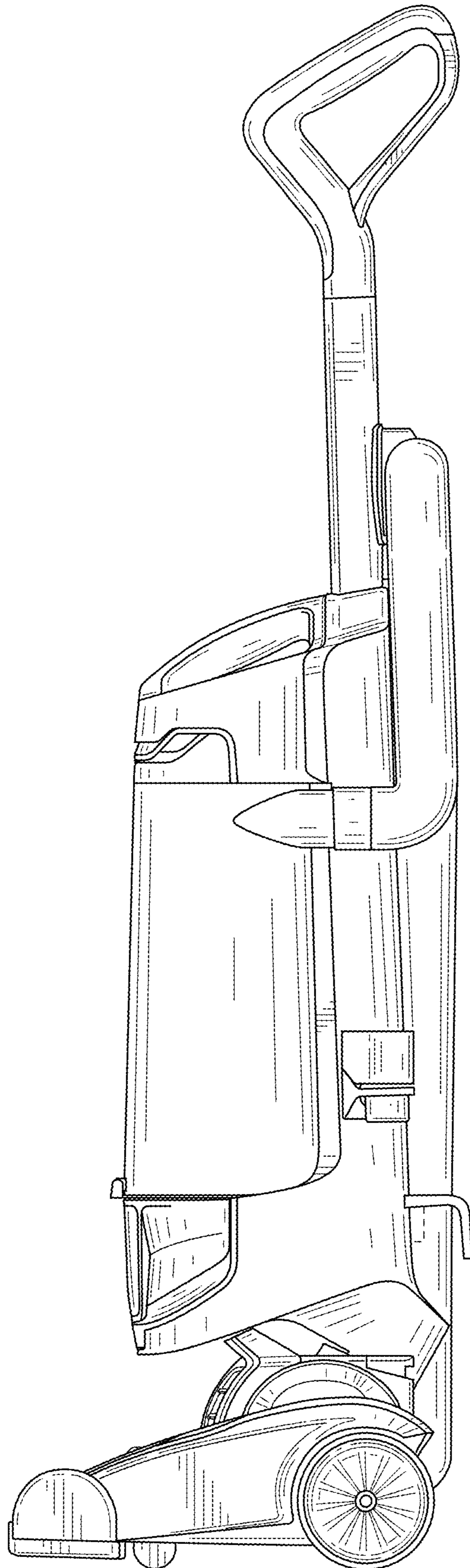


FIG. 11

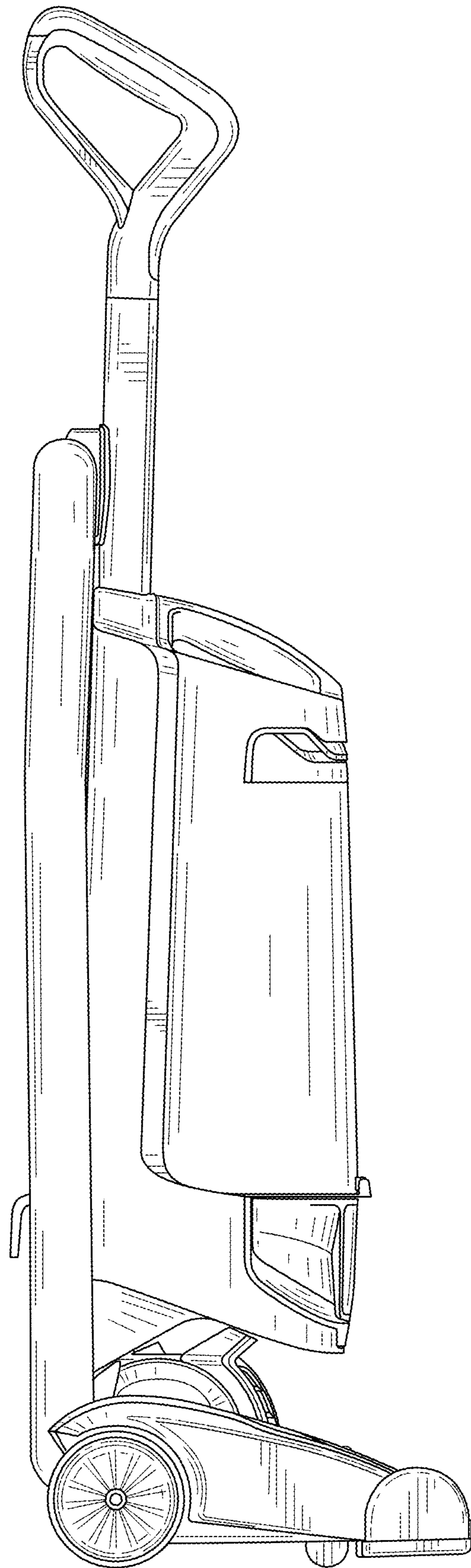


FIG. 12

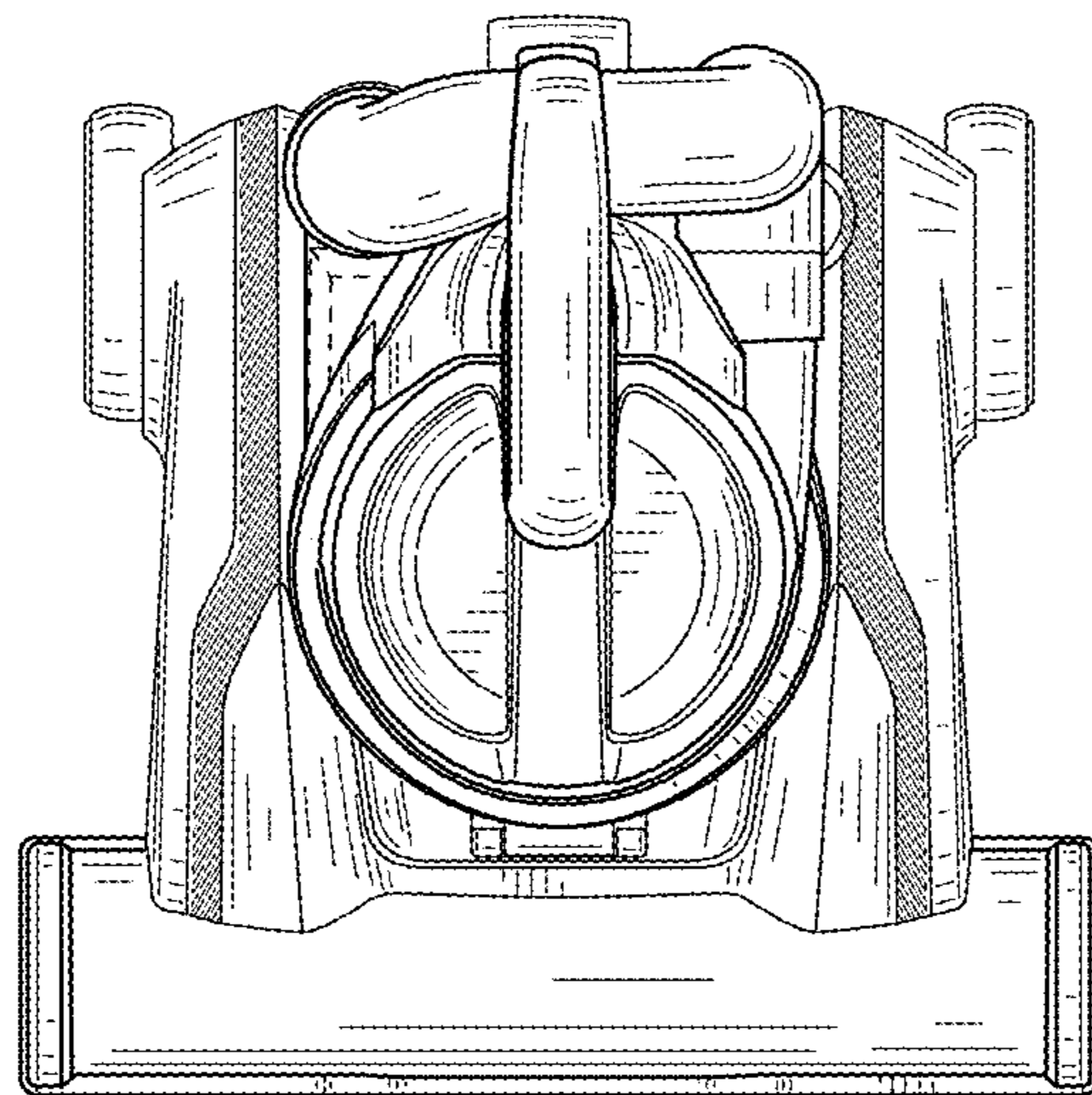


FIG. 13

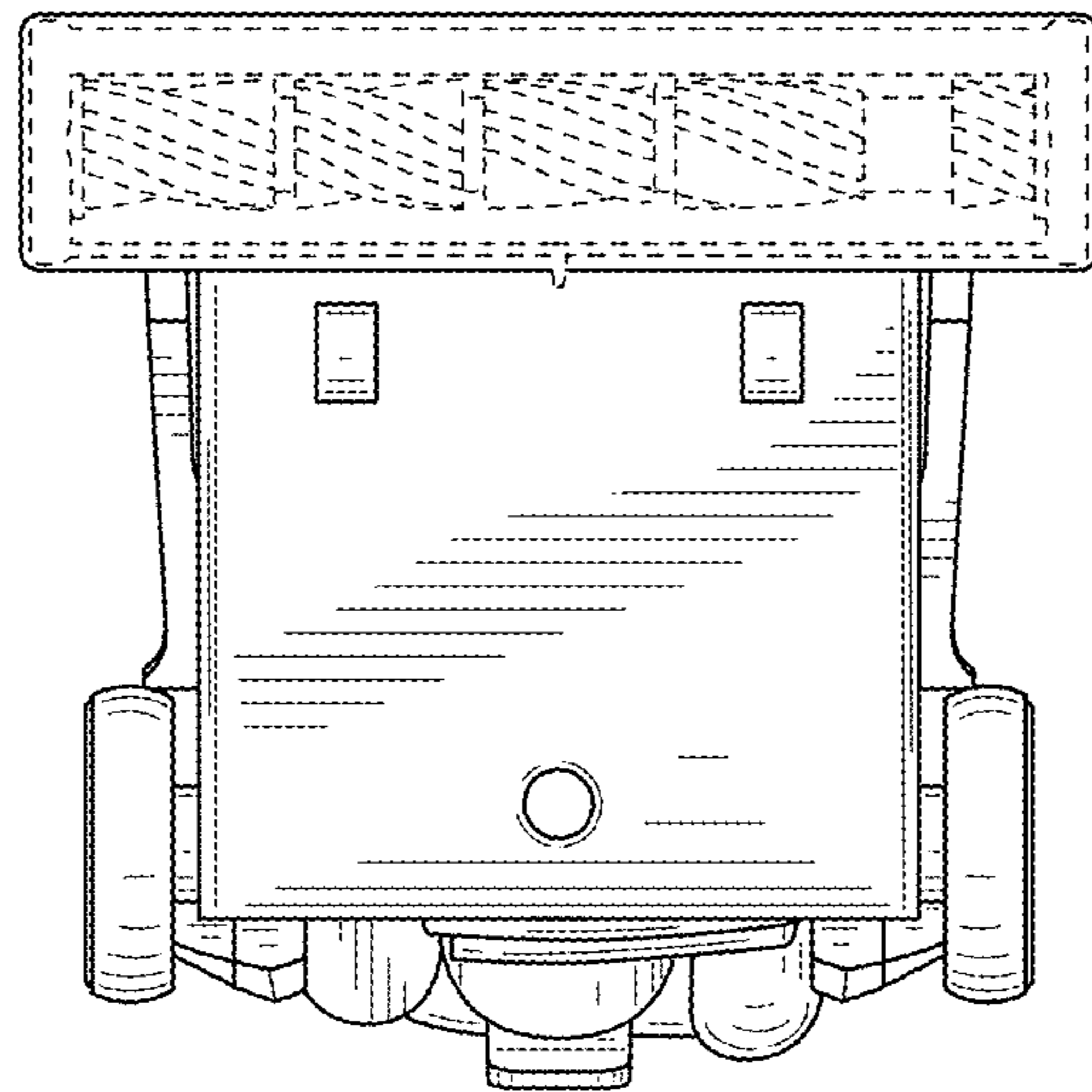


FIG. 14