



US00D615717S

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

(10) **Patent No.:** **US D615,717 S**

(45) **Date of Patent:** **** May 11, 2010**

(54) **PORTABLE CLEANING DEVICE WITH HANDLE**

(75) Inventors: **Mark Butts**, Akron, OH (US); **David Chaney**, Sagamore Hill, OH (US); **Matthew Joseph Doerfler**, Wooster, OH (US); **Jack W. Gee, II**, Willoughby, OH (US); **David Wade Moine**, North Canton, OH (US)

(73) Assignee: **Techtronic Floor Care Technology Limited**, Road Town, Tortola (VG)

(**) Term: **14 Years**

(21) Appl. No.: **29/326,362**

(22) Filed: **Oct. 16, 2008**

(51) **LOC (9) Cl.** **15-05**

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

(58) **Field of Classification Search** D32/22,
D32/30-31, 34; 15/320-321, 329, 350-354,
15/362, 410, 411, 347; 55/366, 429, 315,
55/356, 372, 337, DIG. 3, 345; 95/271
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D303,171 S	*	8/1989	Goodrich et al.	.....	D32/22
D382,681 S	*	8/1997	Thomas	.....	D32/22
D433,546 S	*	11/2000	Milanese	.....	D32/22
D482,506 S	*	11/2003	Honda et al.	.....	D32/22
D483,160 S	*	12/2003	Houghton	.....	D32/22
D515,259 S	*	2/2006	Maruyama et al.	.....	D32/22

D553,813 S	*	10/2007	Parr et al.	.....	D32/22
D574,563 S	*	8/2008	Fjellman et al.	.....	D32/22
D592,818 S	*	5/2009	Sun	.....	D32/22
2007/0130723 A1	*	6/2007	Kelly	.....	15/410
2007/0271724 A1	*	11/2007	Hakan et al.	.....	15/329
2008/0047093 A1	*	2/2008	Gordon	.....	15/320

* cited by examiner

Primary Examiner—Ruth McInroy

(74) *Attorney, Agent, or Firm*—Michael Best & Friedrich LLP

(57) **CLAIM**

The ornamental design for a portable cleaning device with a handle, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view thereof taken of the front and one side showing a first embodiment of our new design.

FIG. 2 is a front elevation view of FIG. 1;

FIG. 3 is a rear elevation view of FIG. 1;

FIG. 4 is an enlarged top plan view of FIG. 1;

FIG. 5 is an enlarged bottom plan view of FIG. 1;

FIG. 6 is a left side elevation view of FIG. 1;

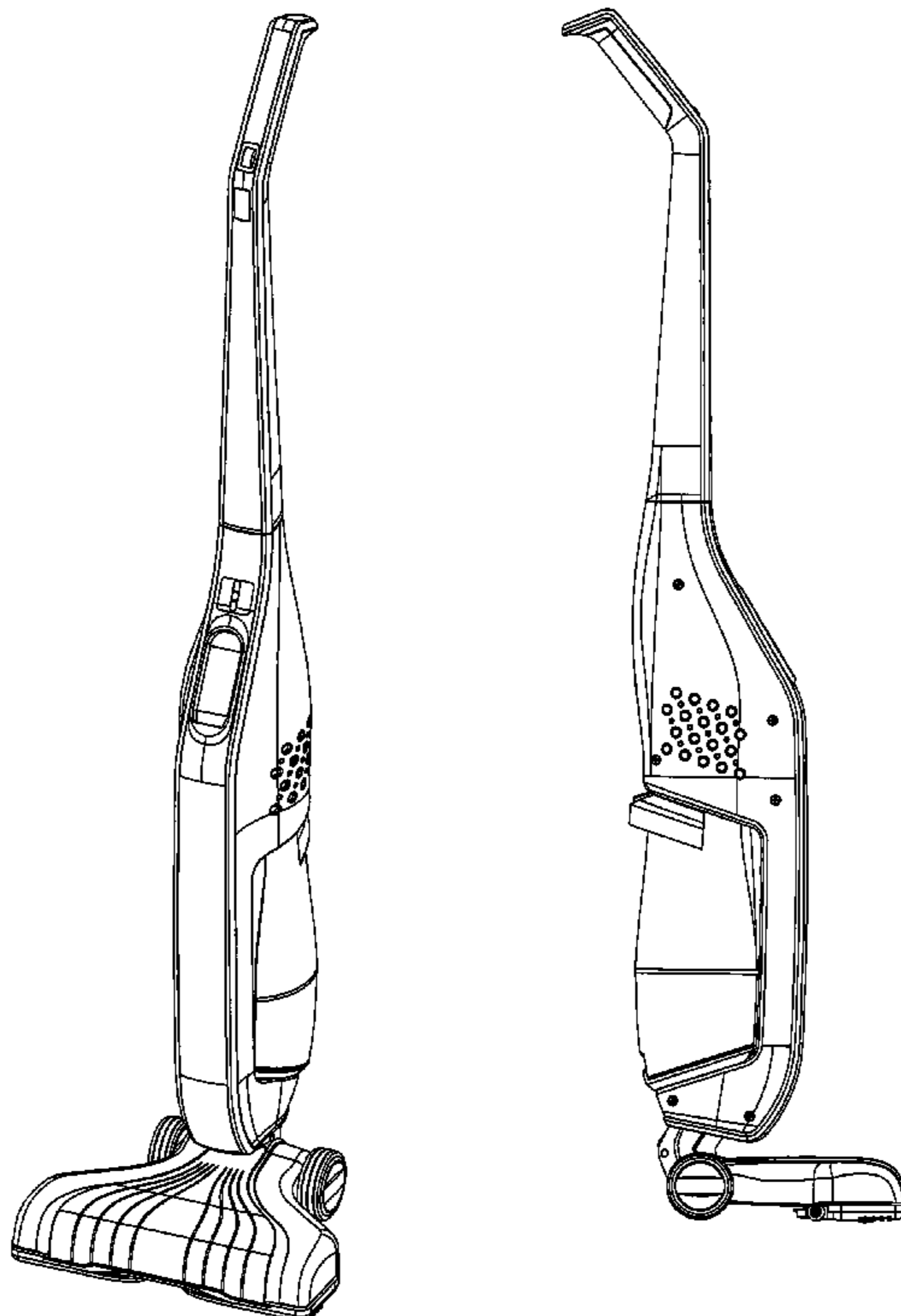
FIG. 7 is a right side elevation view of FIG. 1;

FIG. 8 is a left side elevation view of a second embodiment, with the battery pack inserted;

FIG. 9 is a right side elevation view of FIG. 8; and,

FIG. 10 is a front elevation view of FIG. 8.

1 Claim, 6 Drawing Sheets



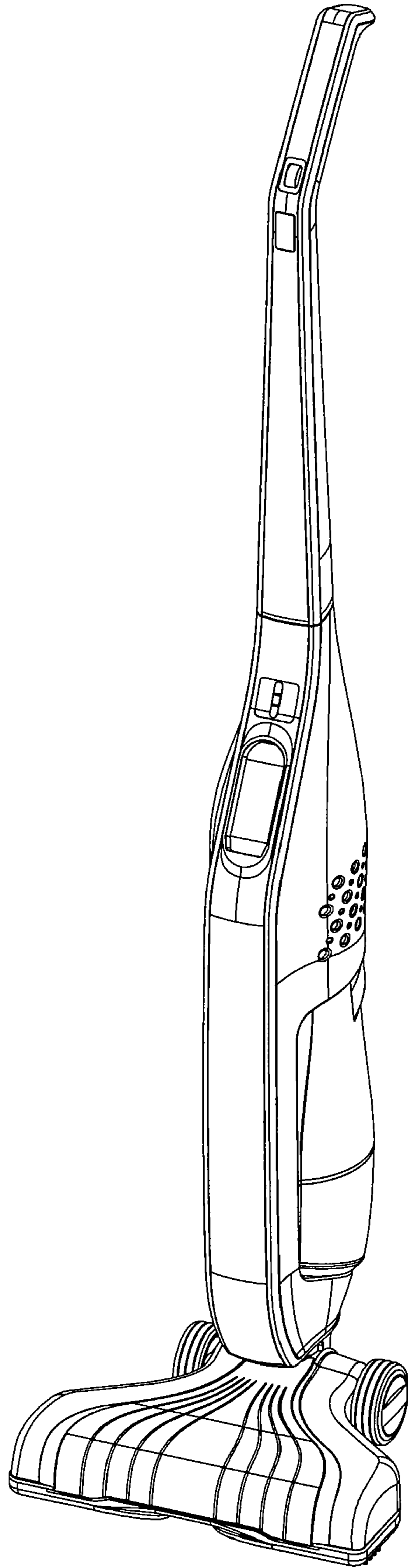


FIG. 1

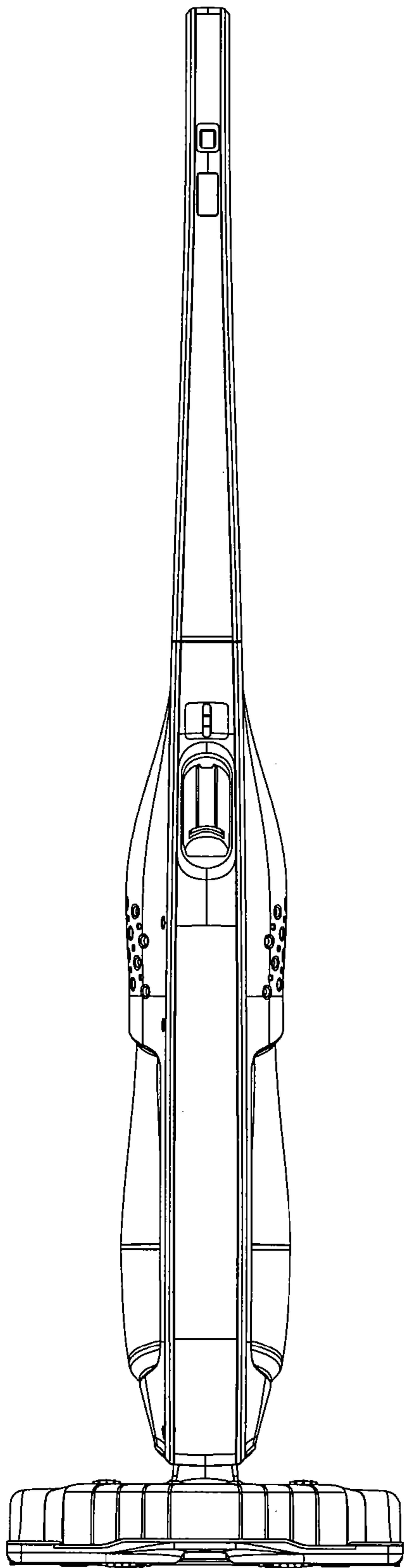


FIG. 2

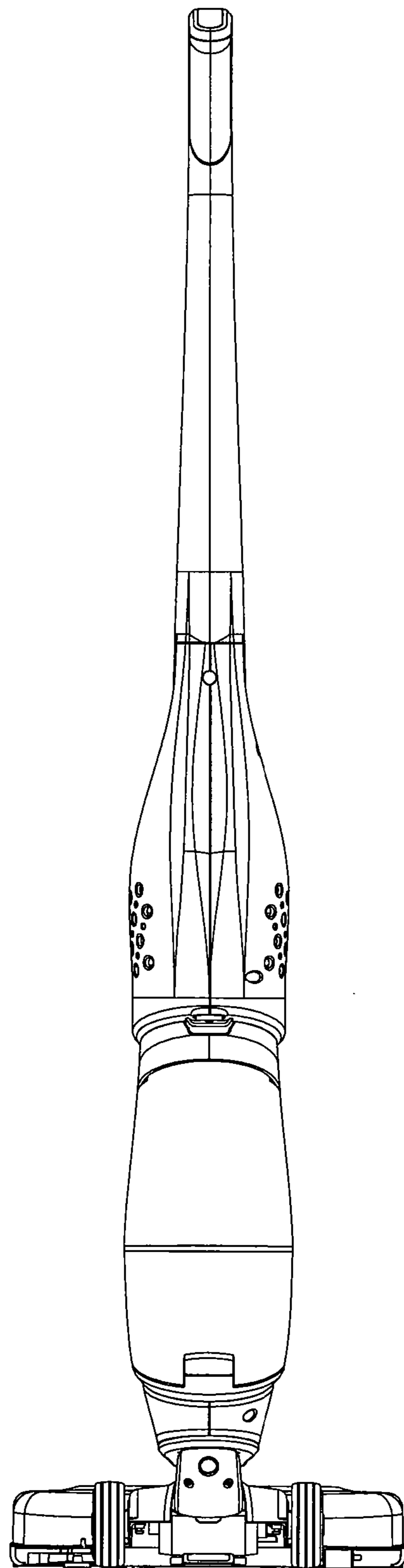


FIG. 3

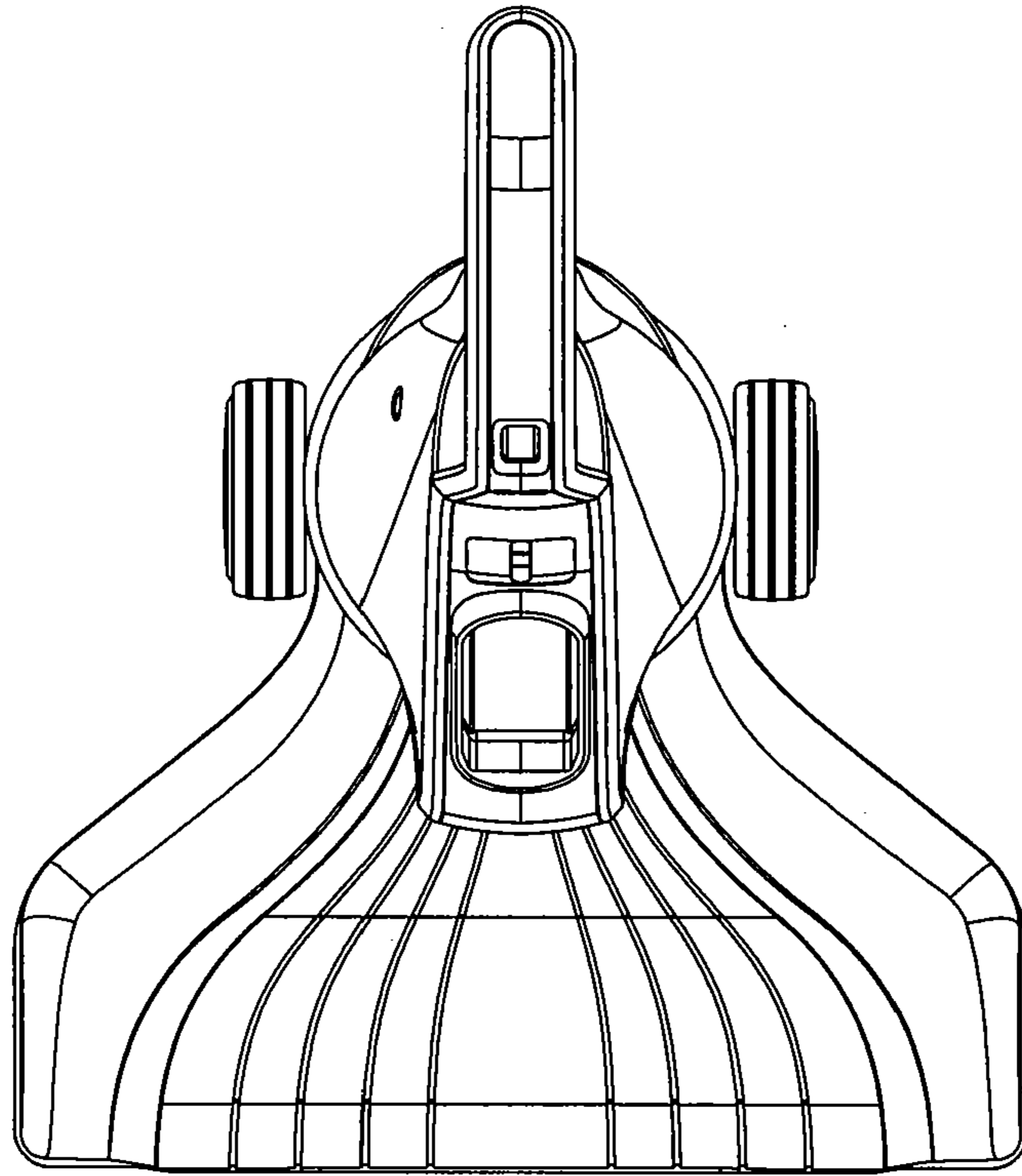


FIG. 4

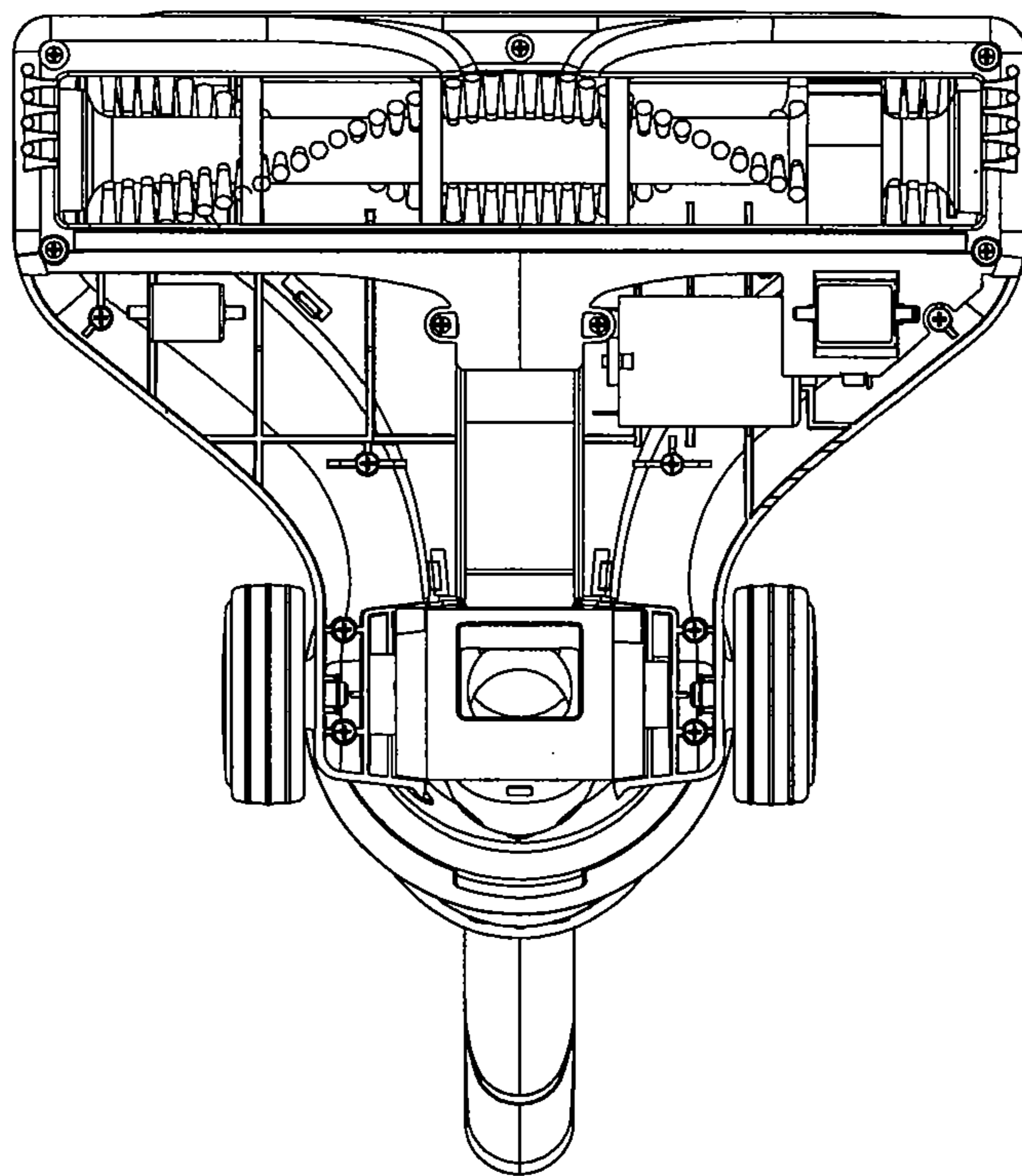


FIG. 5

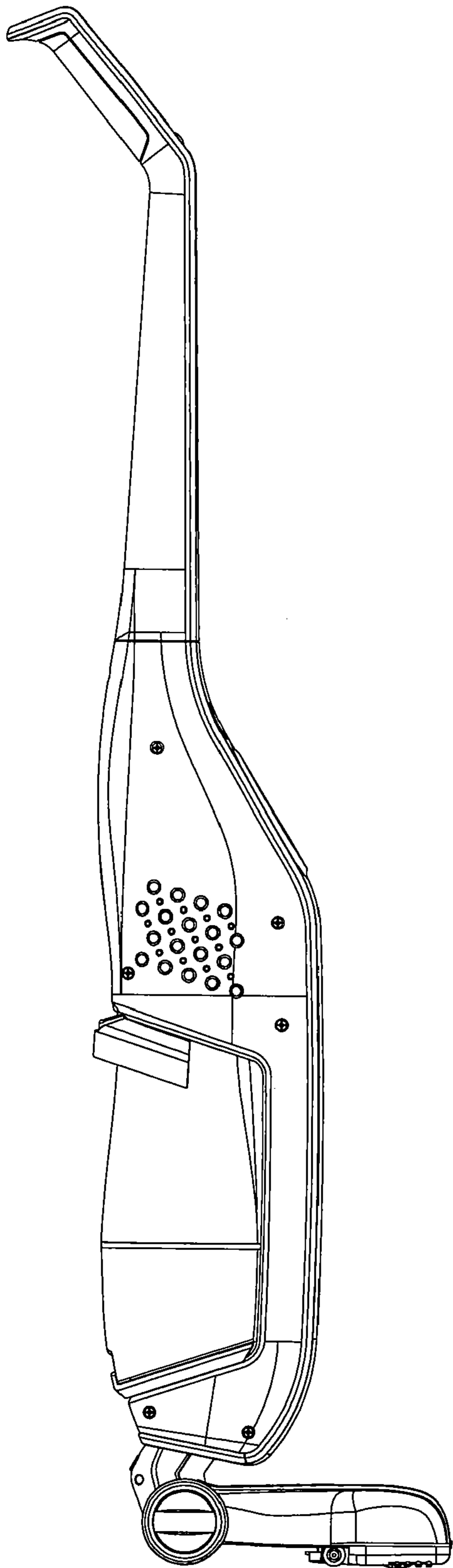


FIG. 6

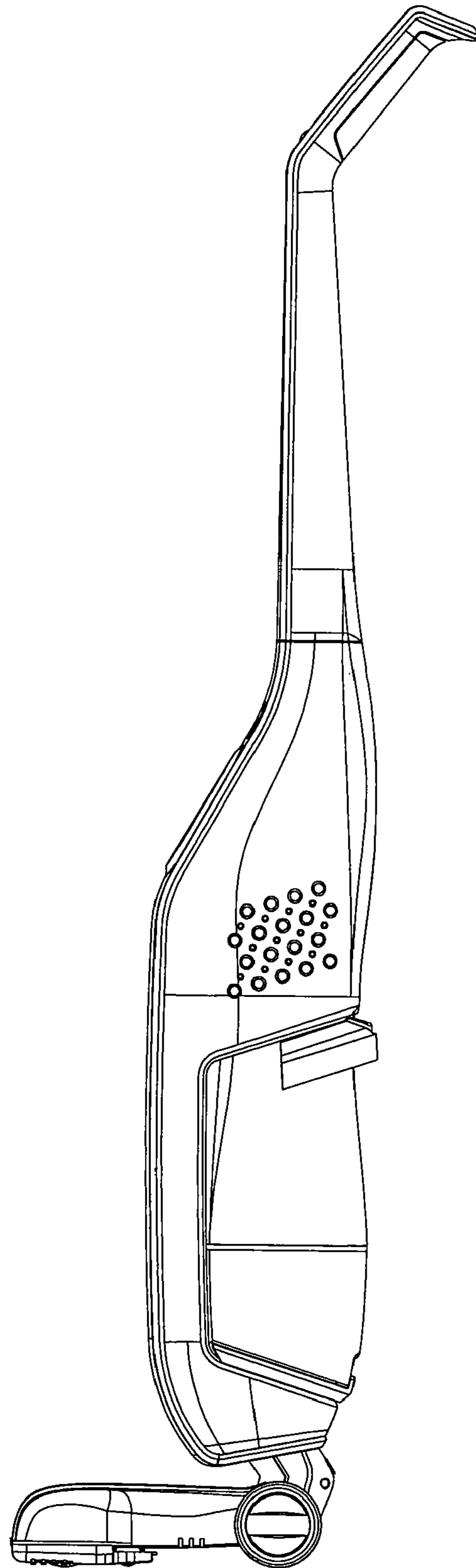


FIG. 7

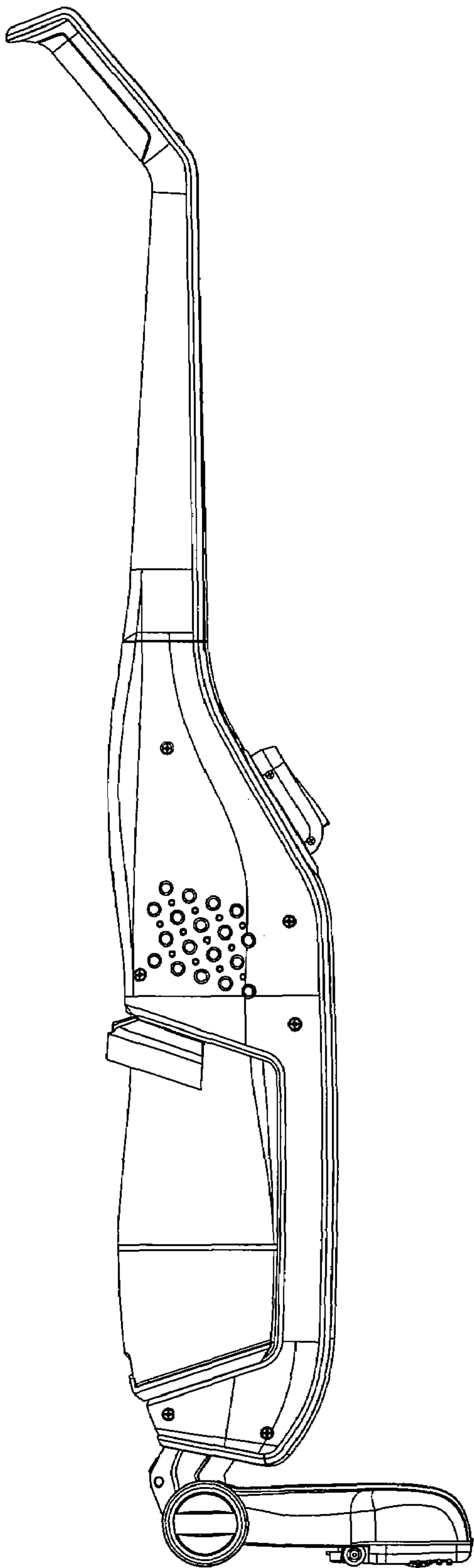


FIG. 8

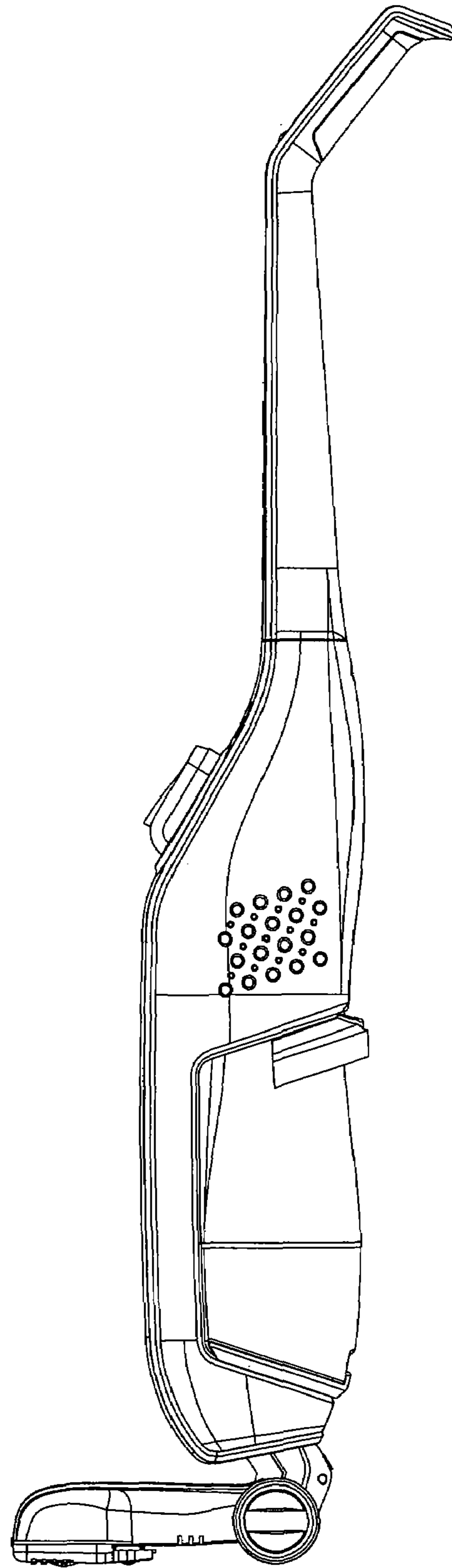


FIG. 9

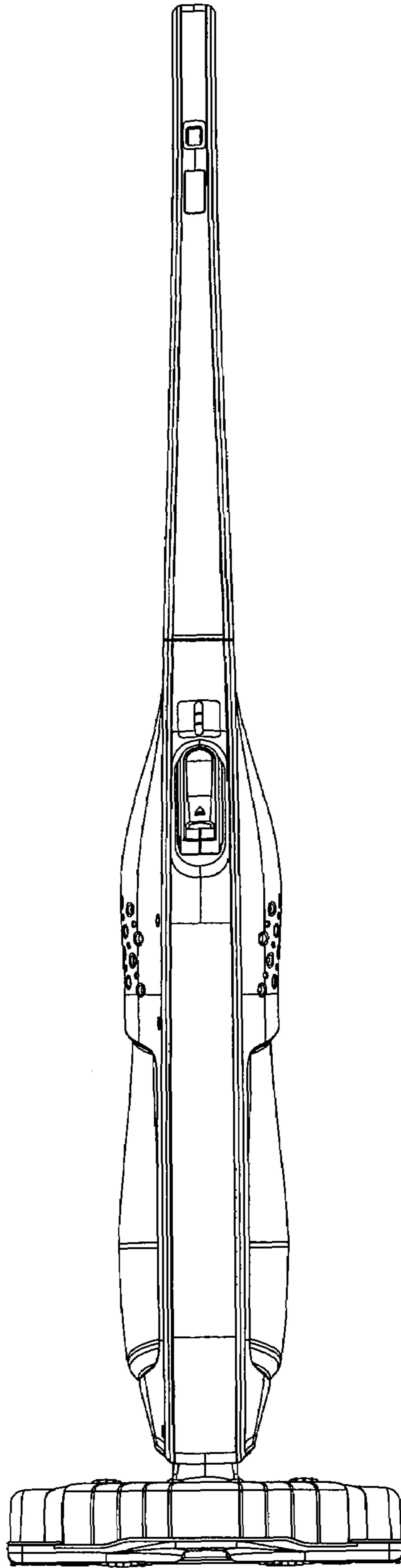


FIG. 10