

US00D499220S

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

(10) **Patent No.:** **US D499,220 S**

(45) **Date of Patent:** **\*\* Nov. 30, 2004**

(54) **VACUUM CLEANER**

(75) **Inventor:** **Hyung Ki Kim, Seoul (KR)**

(73) **Assignee:** **LG Electronics Inc., Seoul (KR)**

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

(21) **Appl. No.:** **29/190,082**

(22) **Filed:** **Sep. 16, 2003**

(30) **Foreign Application Priority Data**

Mar. 17, 2003 (KR) ..... 30-2003-0007312

(51) **LOC (7) Cl.** ..... **15-05**

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

(58) **Field of Search** ..... D32/17-18, 21-24,  
D32/31, 34; 15/329, 344, 347, 327.1-327.7,  
410-412, 350-353, 320-321, 324; 362/91;  
285/7; 174/47; 96/225-226; 68/222; 392/404

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(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a vacuum cleaner showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

**1 Claim, 6 Drawing Sheets**

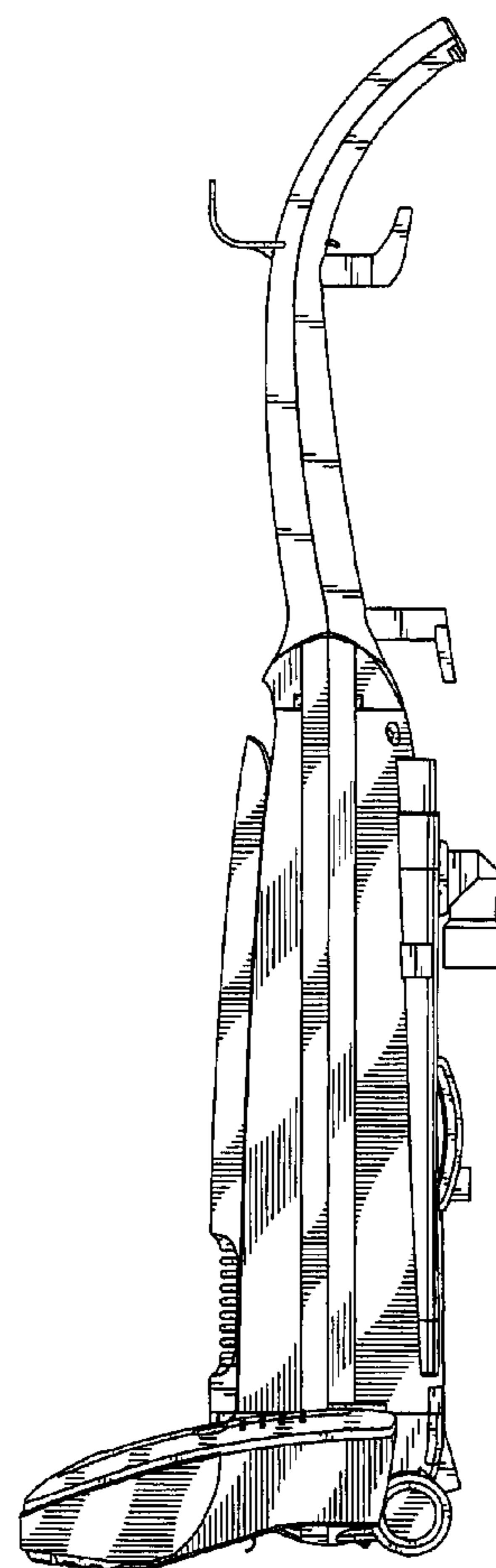
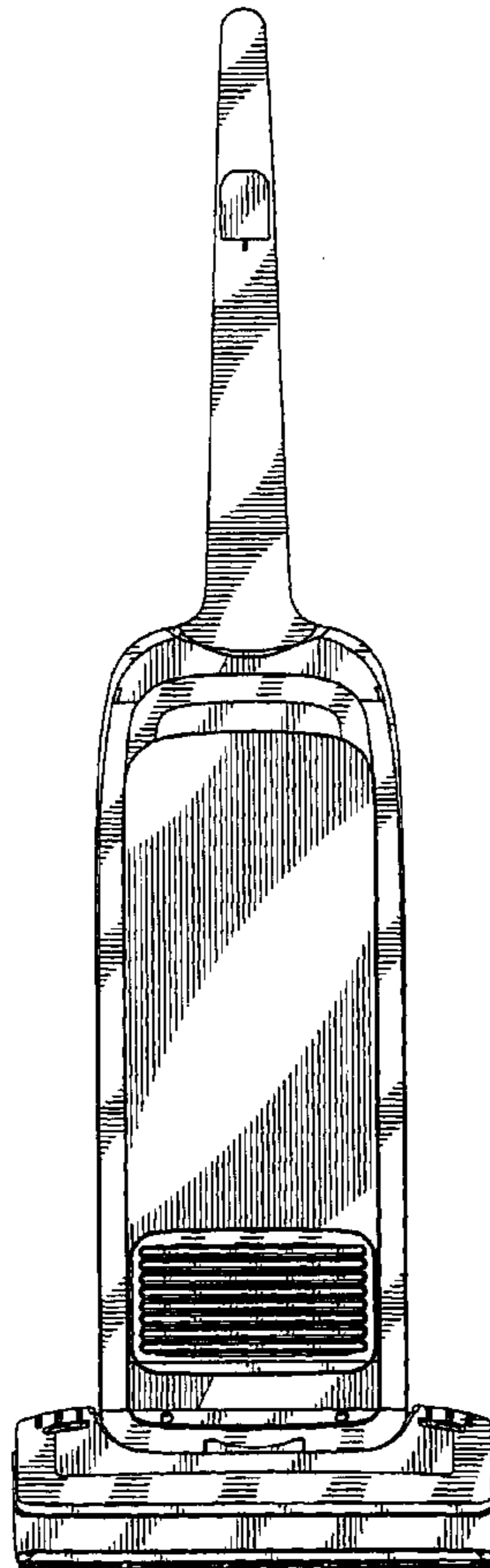
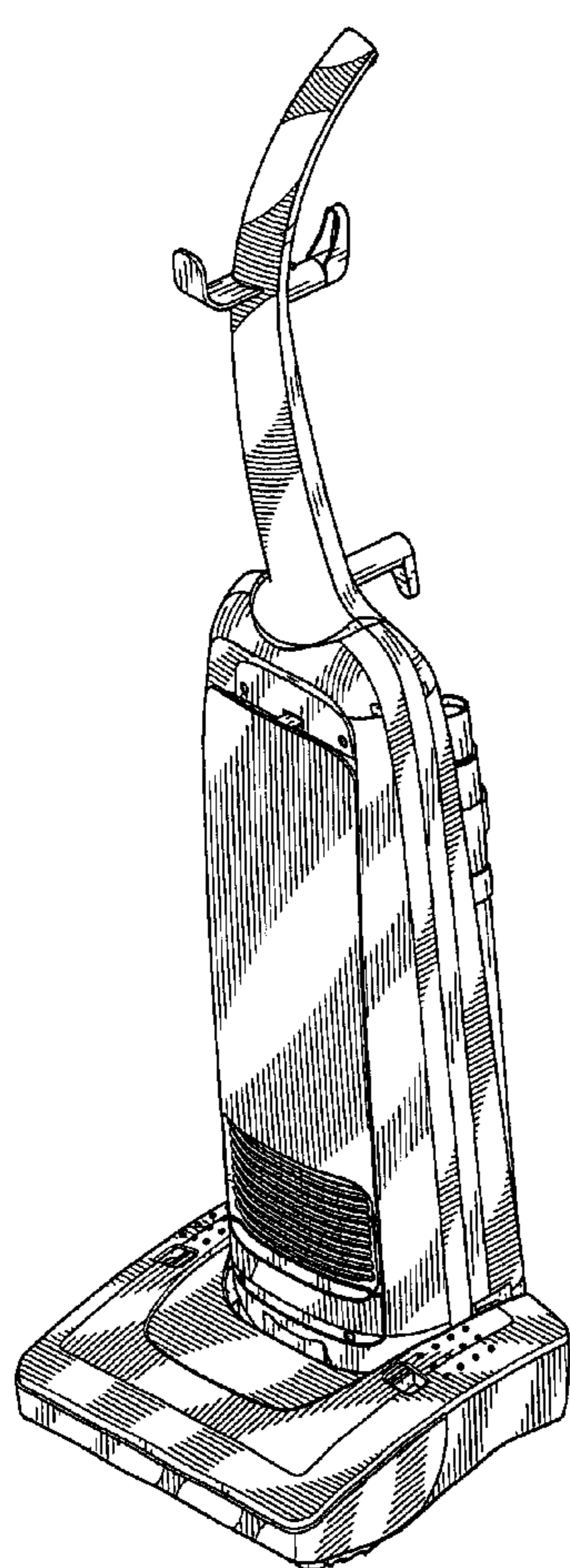


FIG. 1

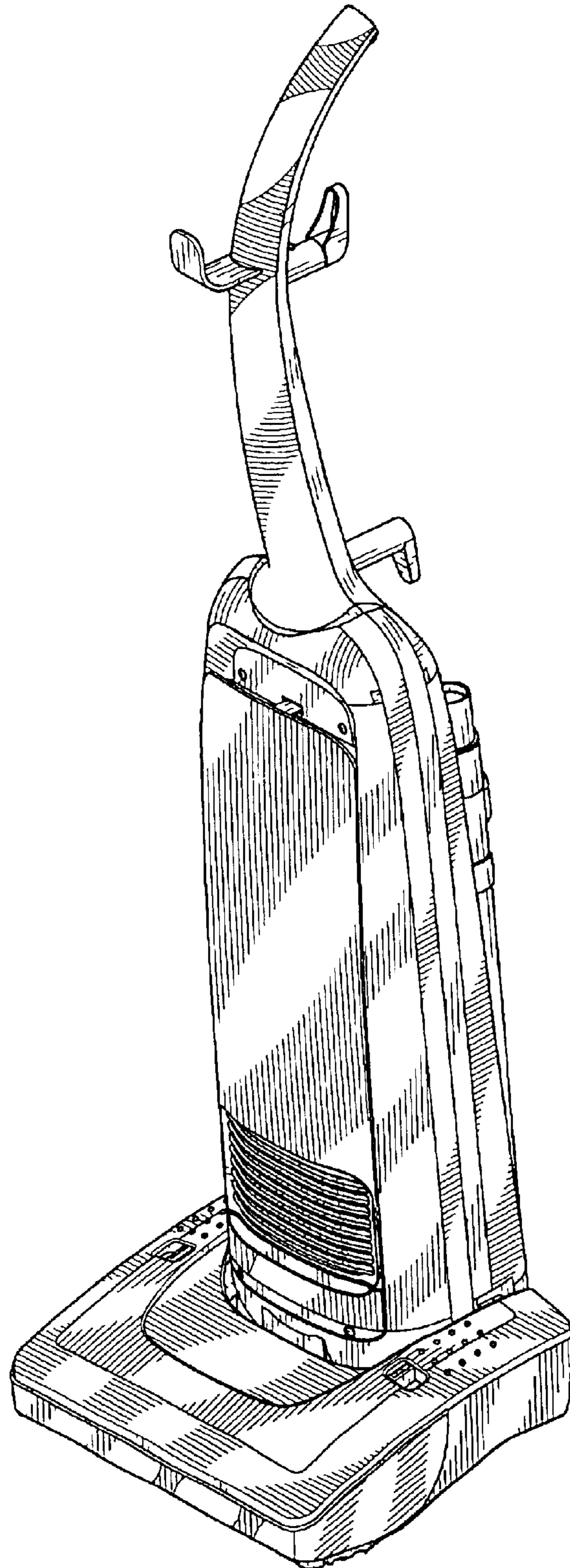


FIG. 2

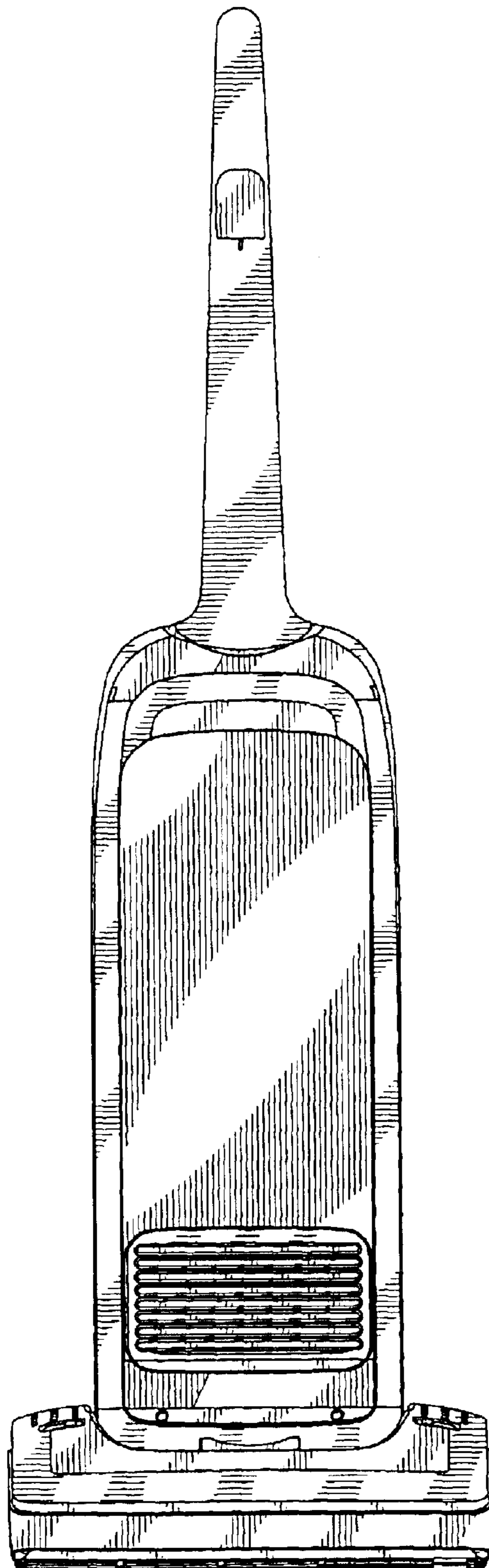


FIG. 3

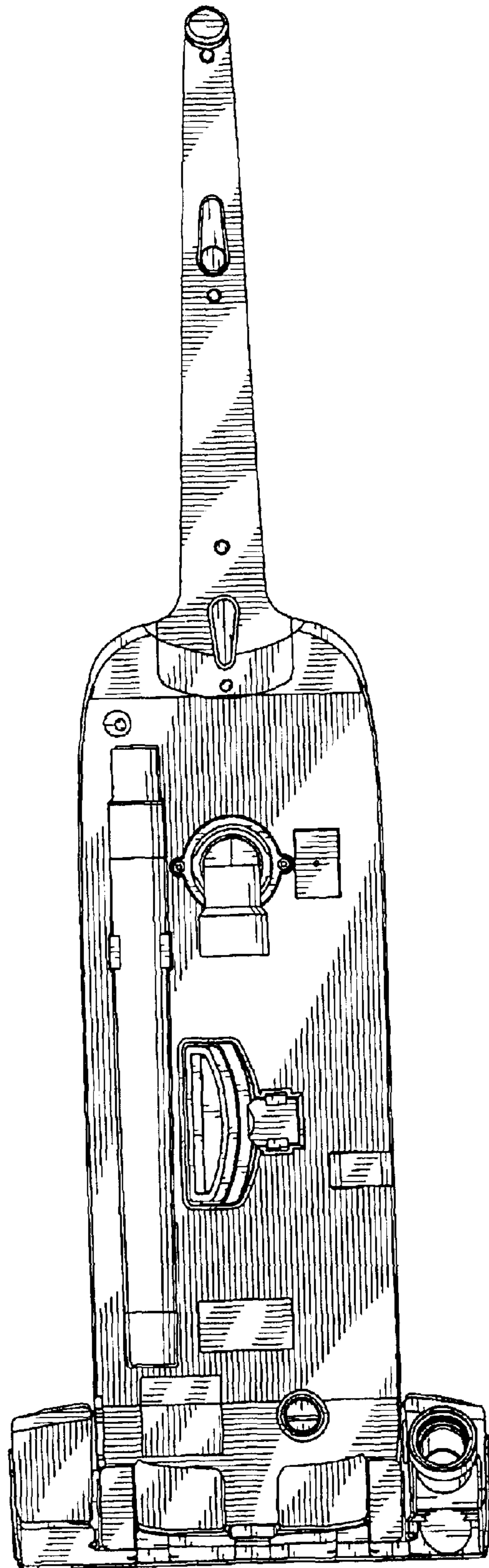




FIG. 4

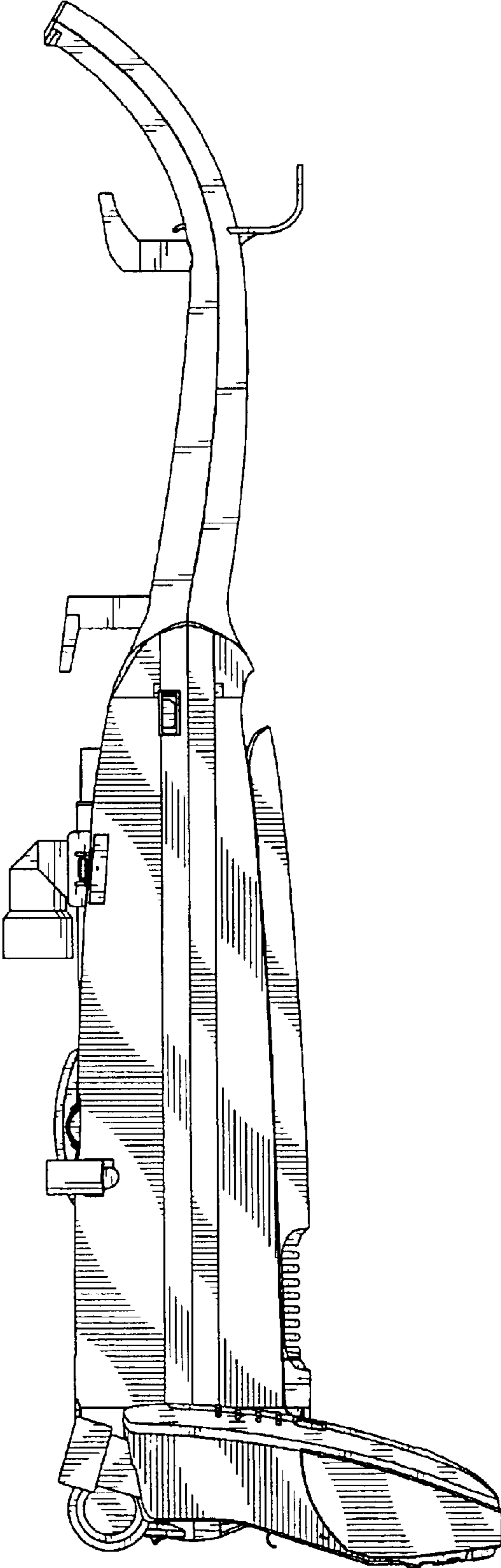


FIG. 5

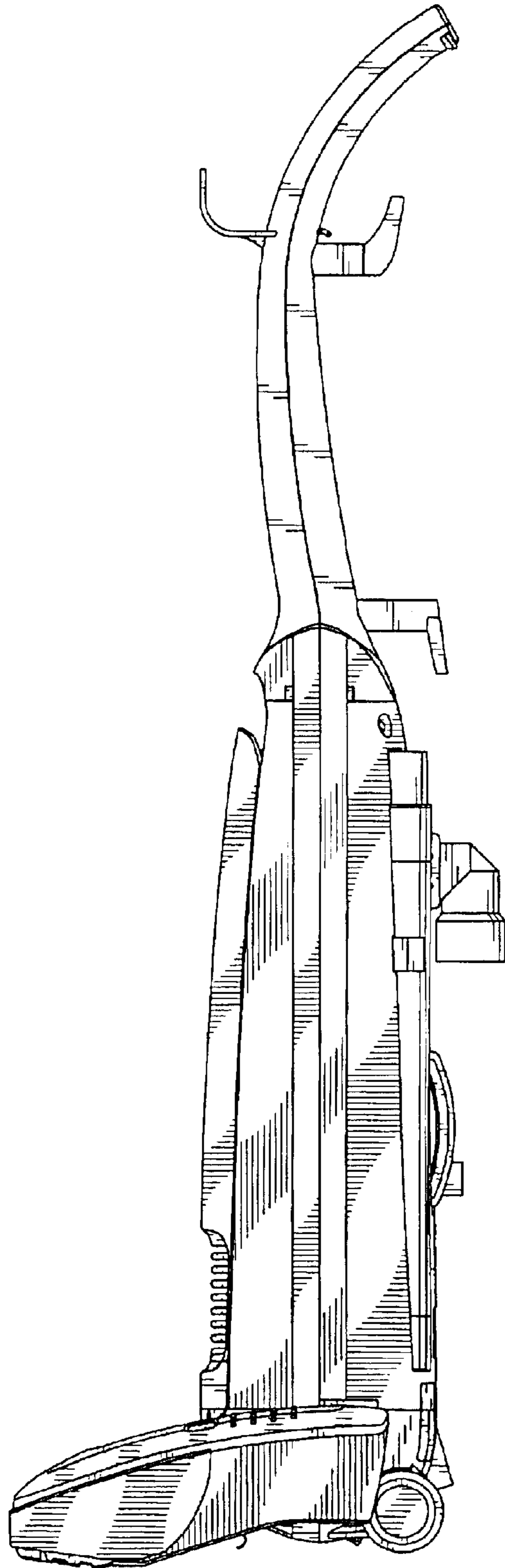


FIG. 6

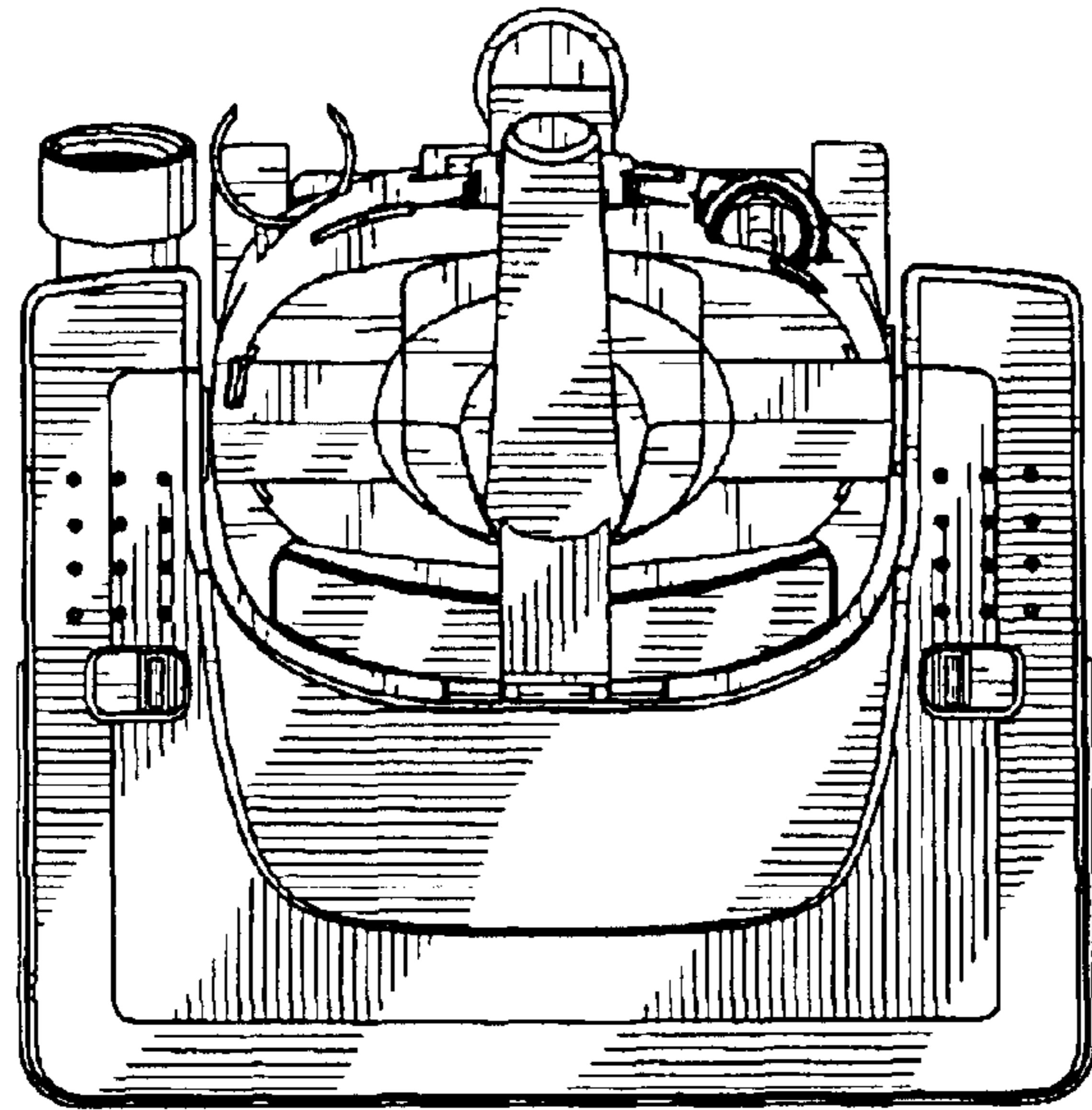


FIG. 7

