

United States Patent [19]

Shouji et al.

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[45] Date of Patent: **** Feb. 19, 1991**

[54] **ELECTRIC VACUUM CLEANER**

[75] Inventors: **Takashi Shouji, Osaka; Toru Abe, Hyogo, both of Japan**

[73] Assignee: **Matsushita Electric Industrial Co., Ltd., Osaka, Japan**

[**] Term: **14 Years**

[21] Appl. No.: **527,789**

[22] Filed: **May 23, 1990**

[30] **Foreign Application Priority Data**

Mar. 15, 1990 [JP] Japan 2-8795

[52] U.S. Cl. **D32/22**

[58] Field of Search **D32/21-22, D32/31, 34; 15/347, 349-352, 354, 362, 410, 412-413**

[56] **References Cited**

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[57] **CLAIM**

The ornamental design for an electric vacuum cleaner, as shown.

DESCRIPTION

FIG. 1 is a front and right side perspective view of an electric vacuum cleaner showing our new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a right side elevational view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is a rear elevational view thereof; FIG. 6 is a top plan view thereof; and FIG. 7 is a bottom plan view thereof.

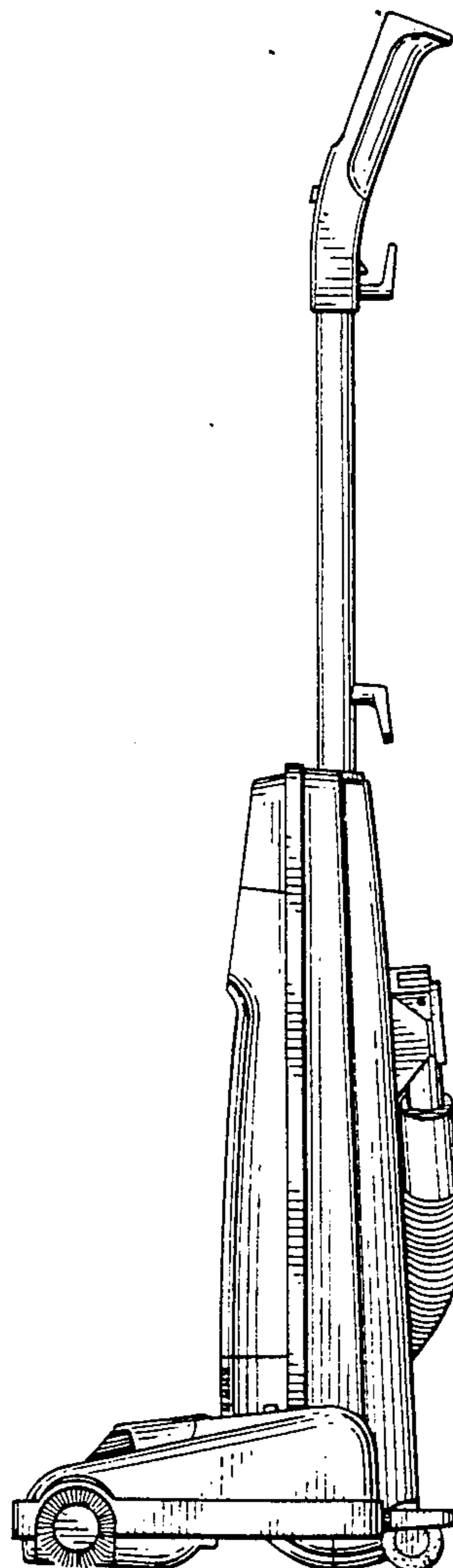
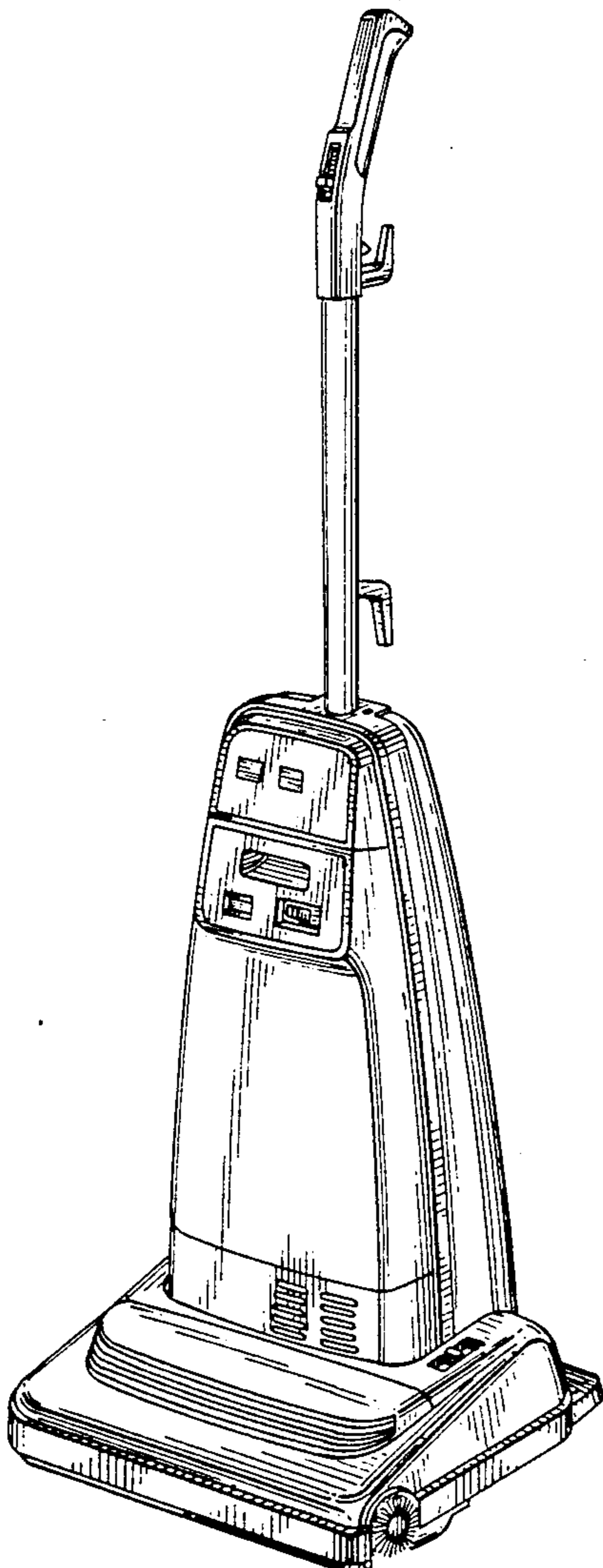


FIG. 1

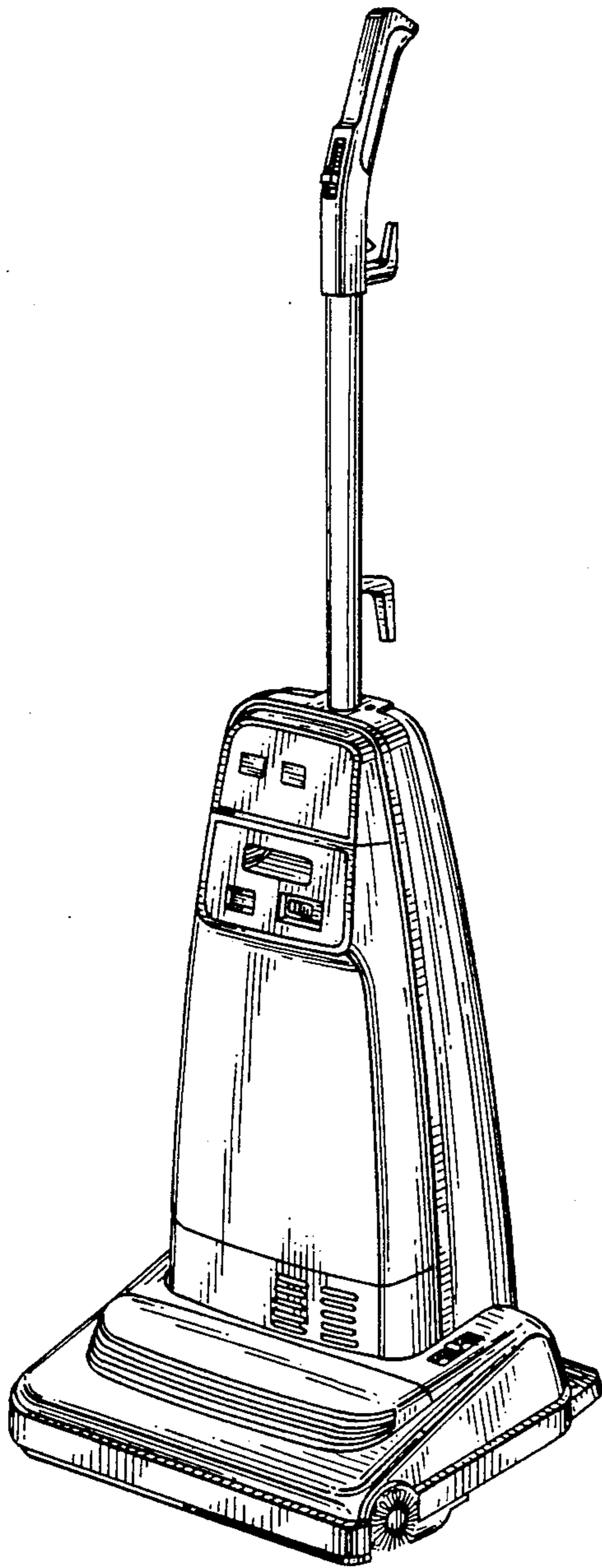


FIG. 2

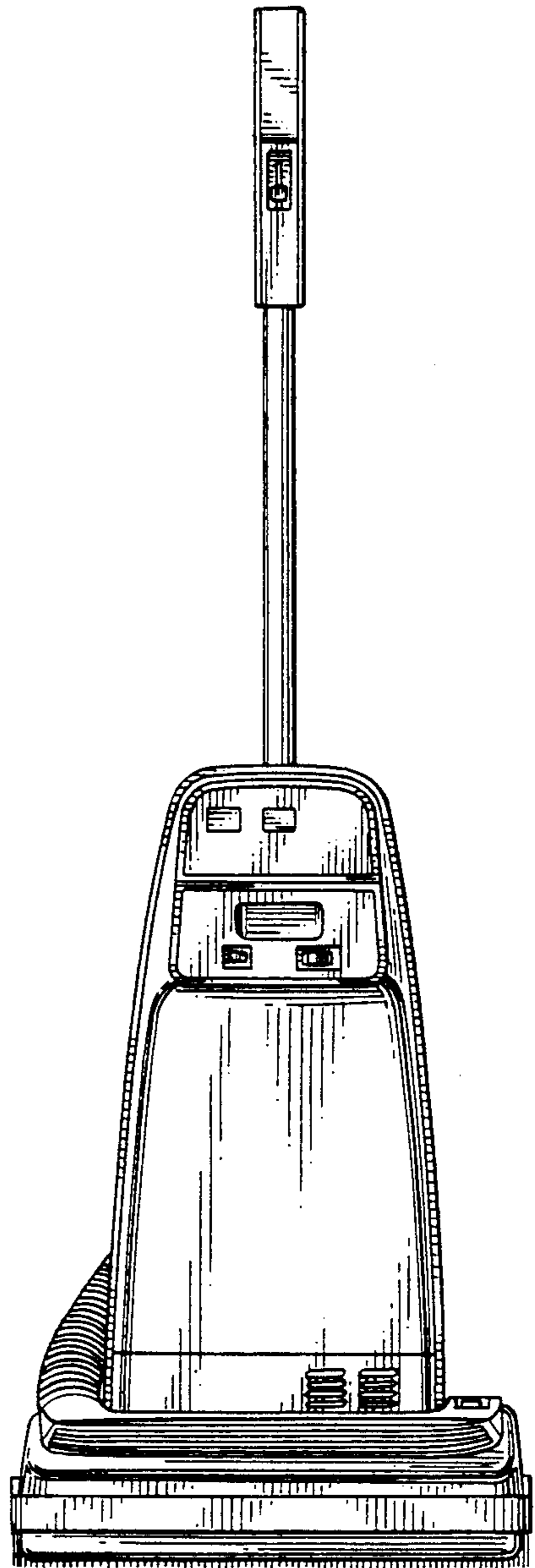


FIG. 3

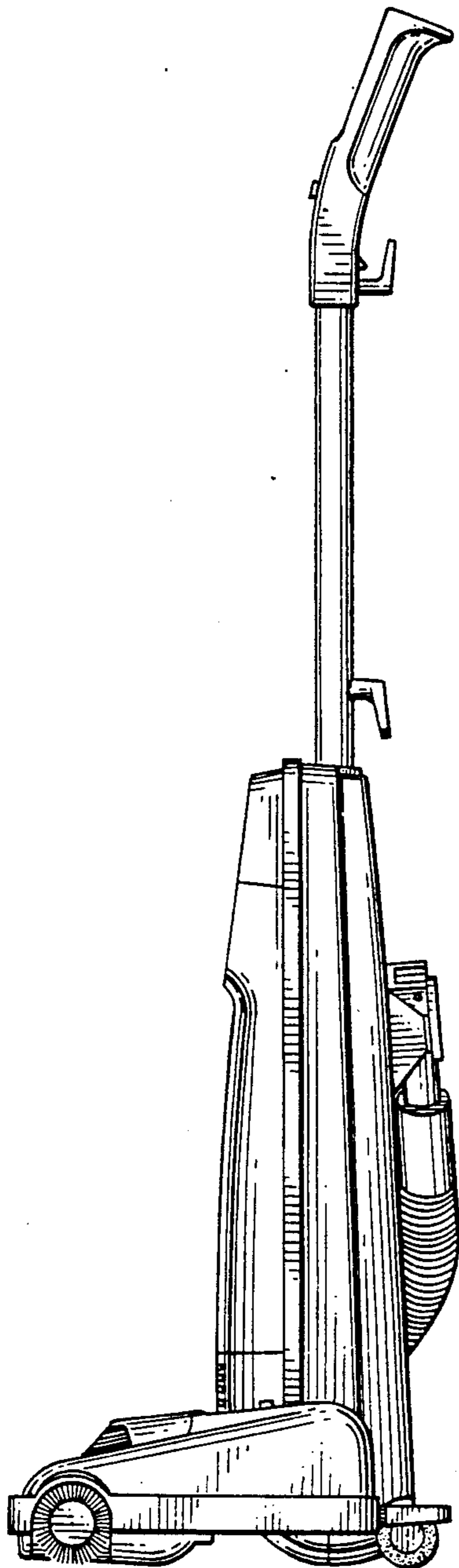


FIG. 4

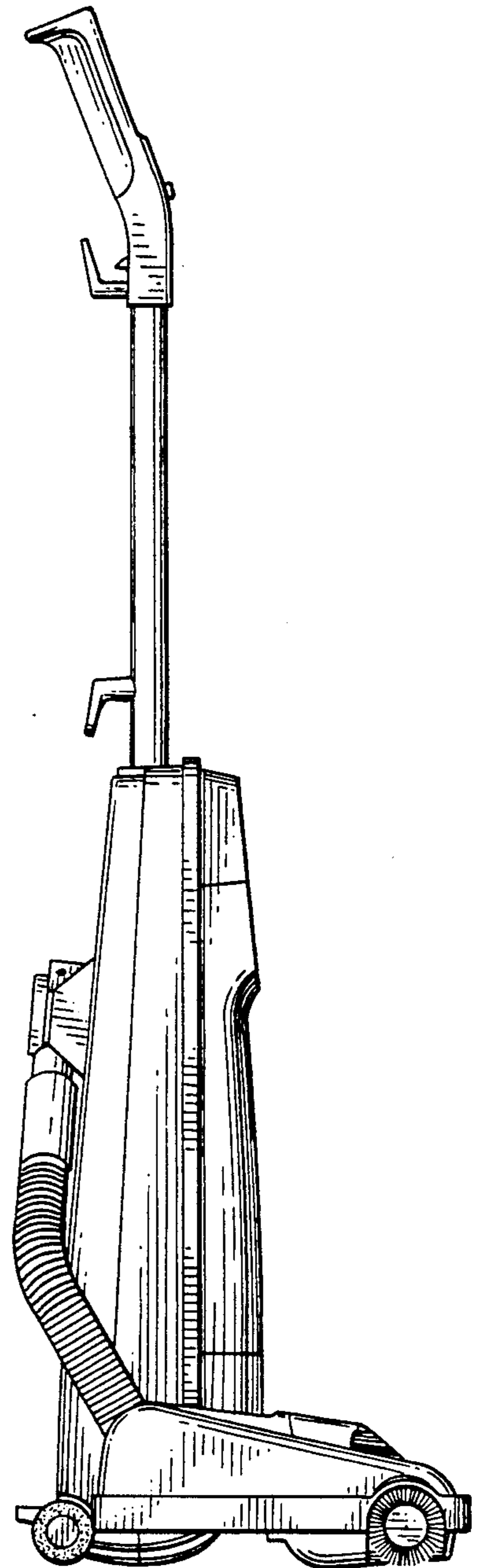


FIG. 5

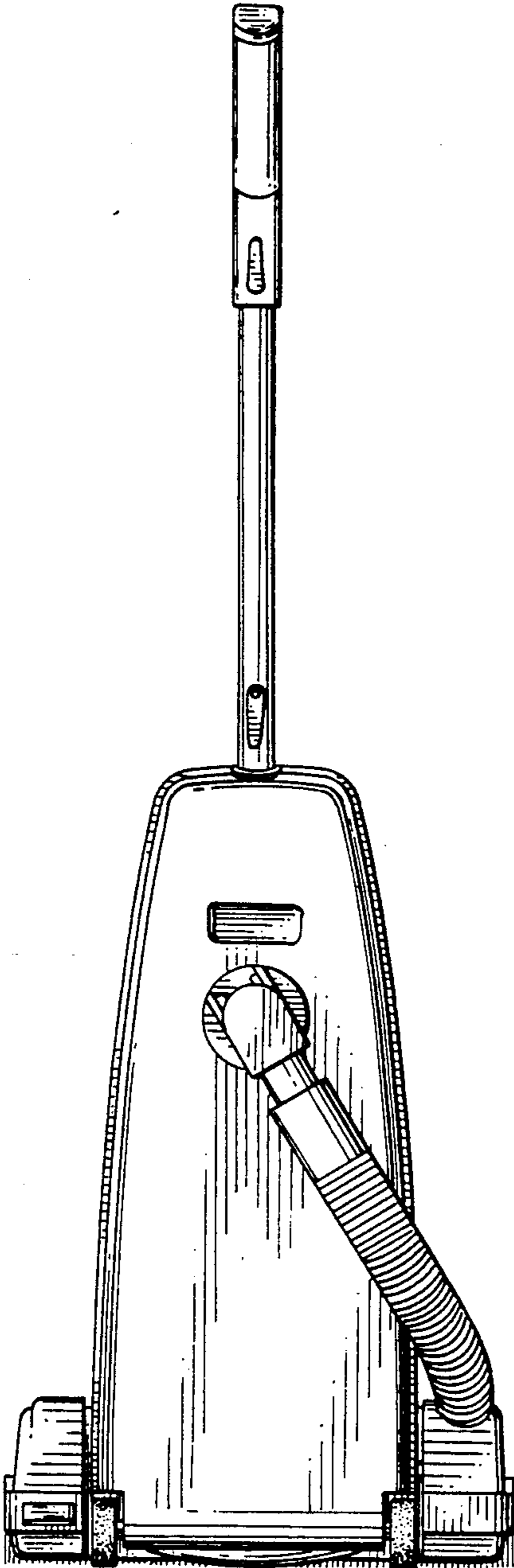


FIG. 6

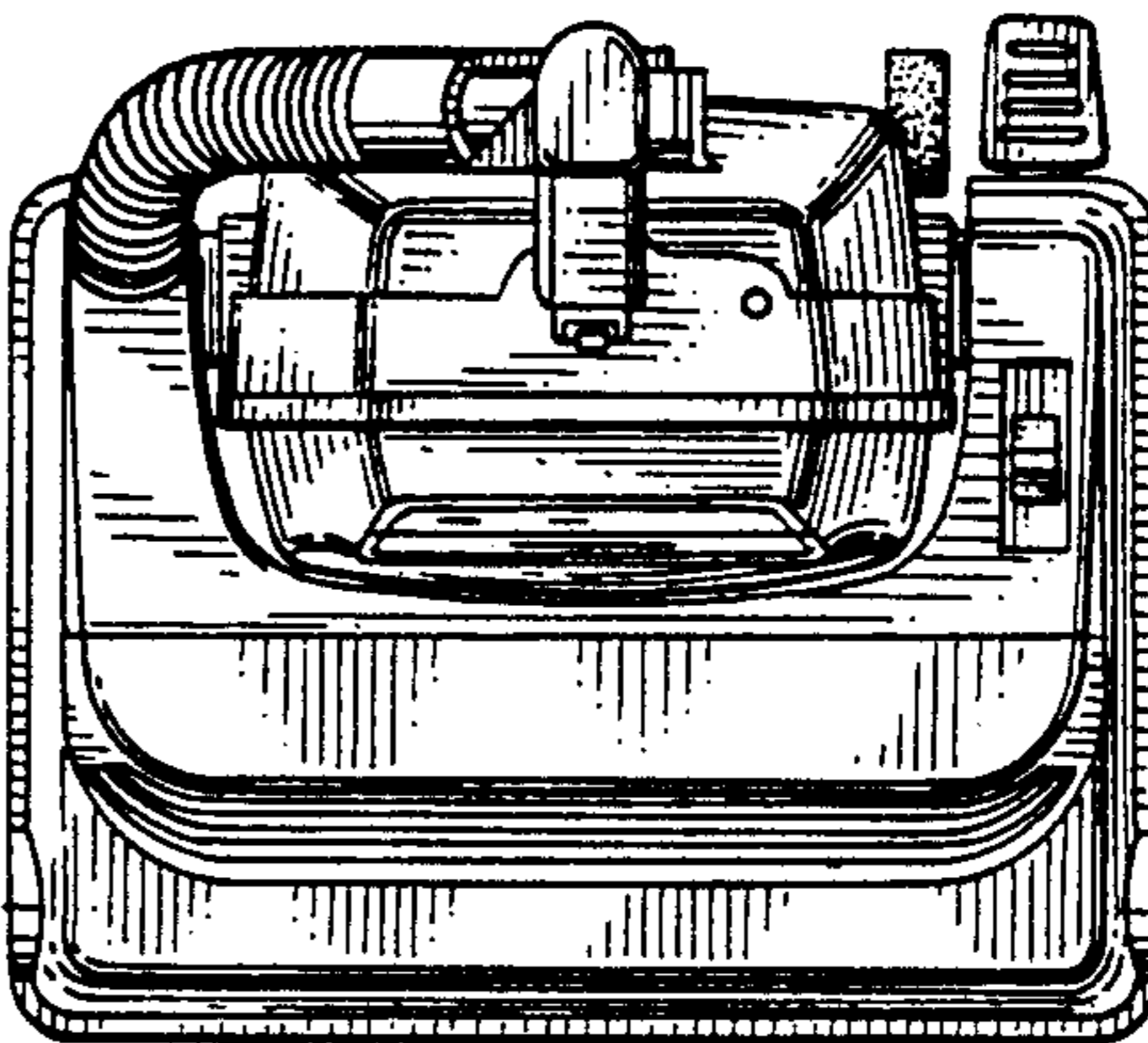


FIG. 7

