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# United States Patent [19]

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**Kuriya**

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[54] **VACUUM CLEANER**

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[73] Assignee: **Sharp Kabushiki Kaisha, Osaka, Japan**

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

[21] Appl. No.: **811,434**

[22] Filed: **Dec. 23, 1991**

[30] **Foreign Application Priority Data**

Jun. 26, 1991 [JP] Japan ..... 3-19265

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

[58] Field of Search ..... **D32/21, 22, 32-34; 15/323-326, 327.6, 335, 350-351, 361, 377, 412**

[56] **References Cited**

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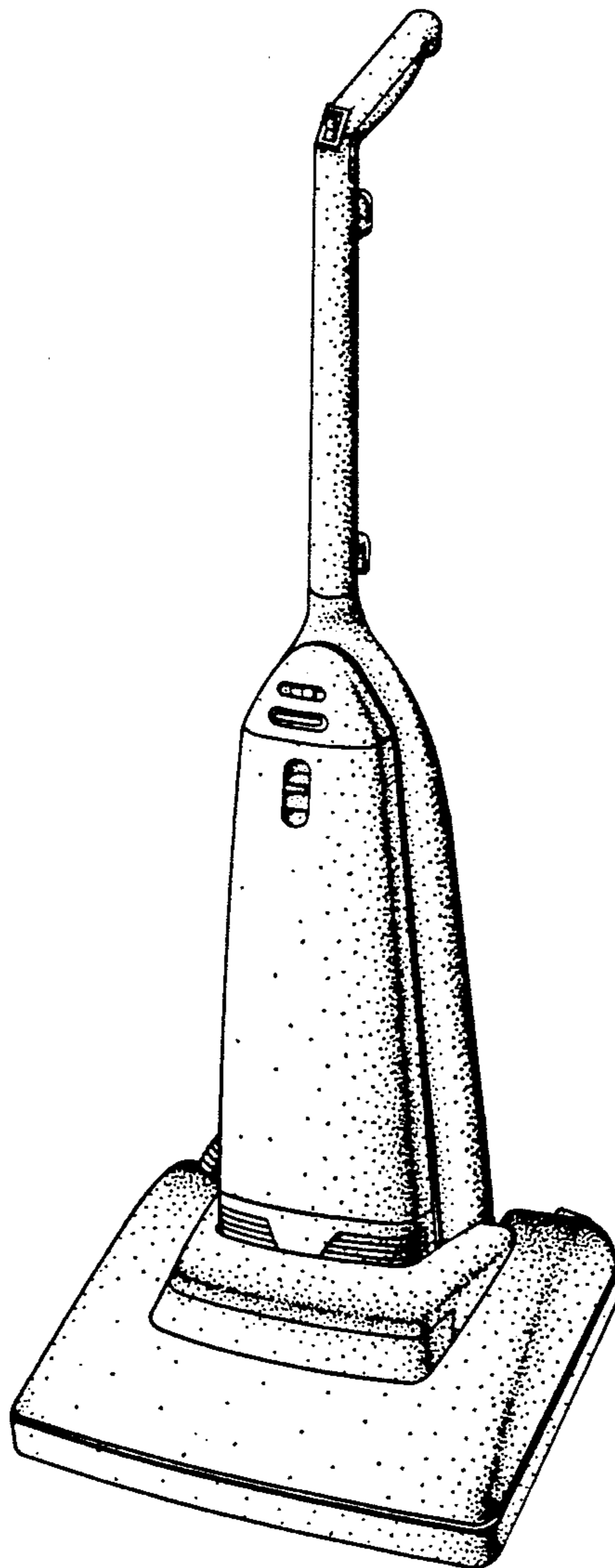
*Primary Examiner*—A. Hugo Word  
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*Attorney, Agent, or Firm*—Nixon & Vanderhye

[57] **CLAIM**

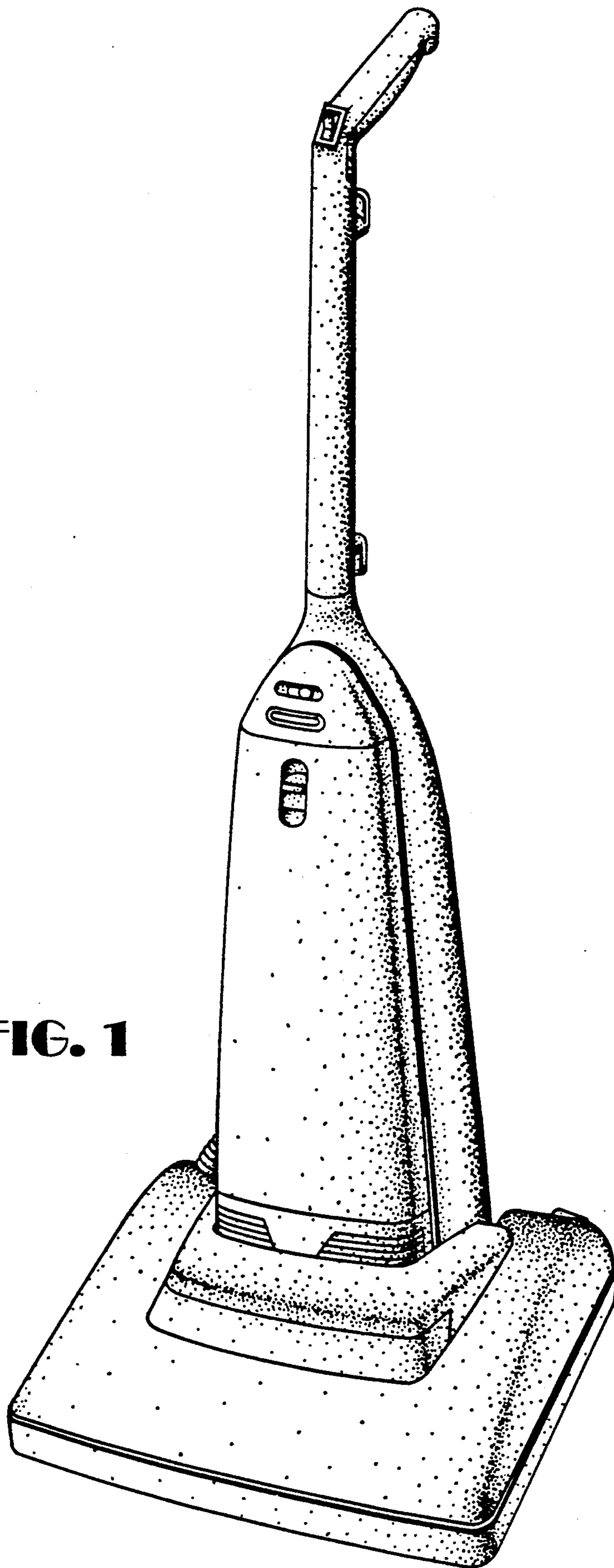
The ornamental design for a vacuum cleaner, as shown and described.

**DESCRIPTION**

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



**FIG. 1**



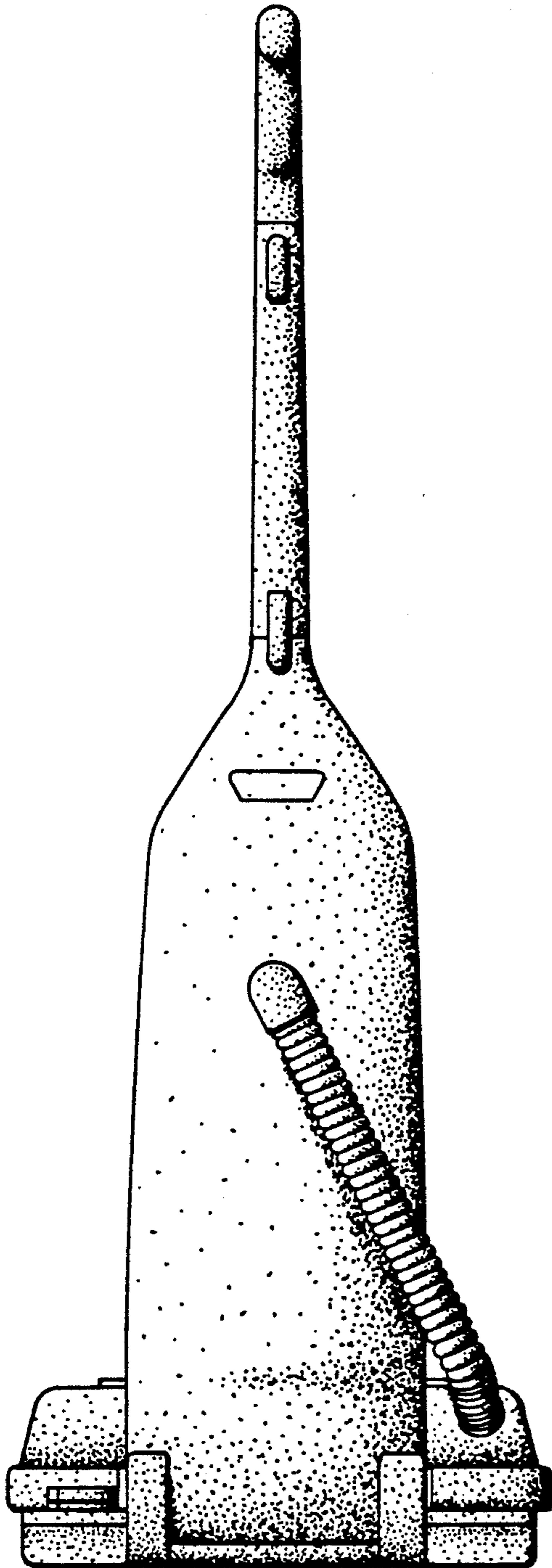


FIG. 2

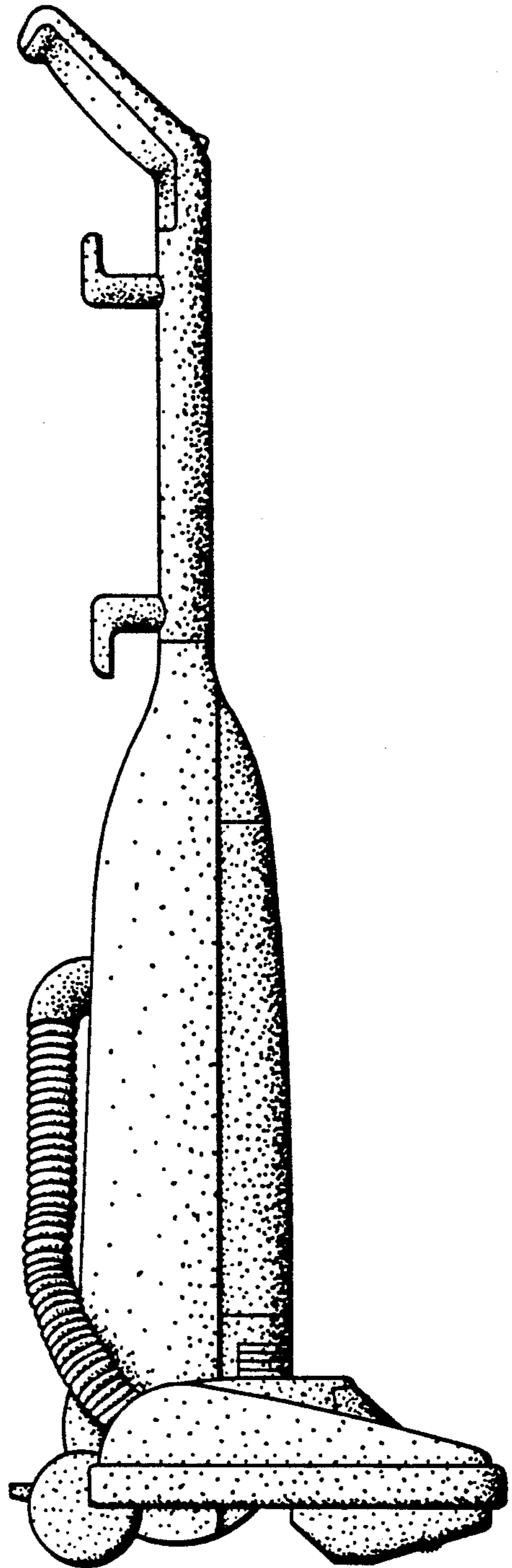
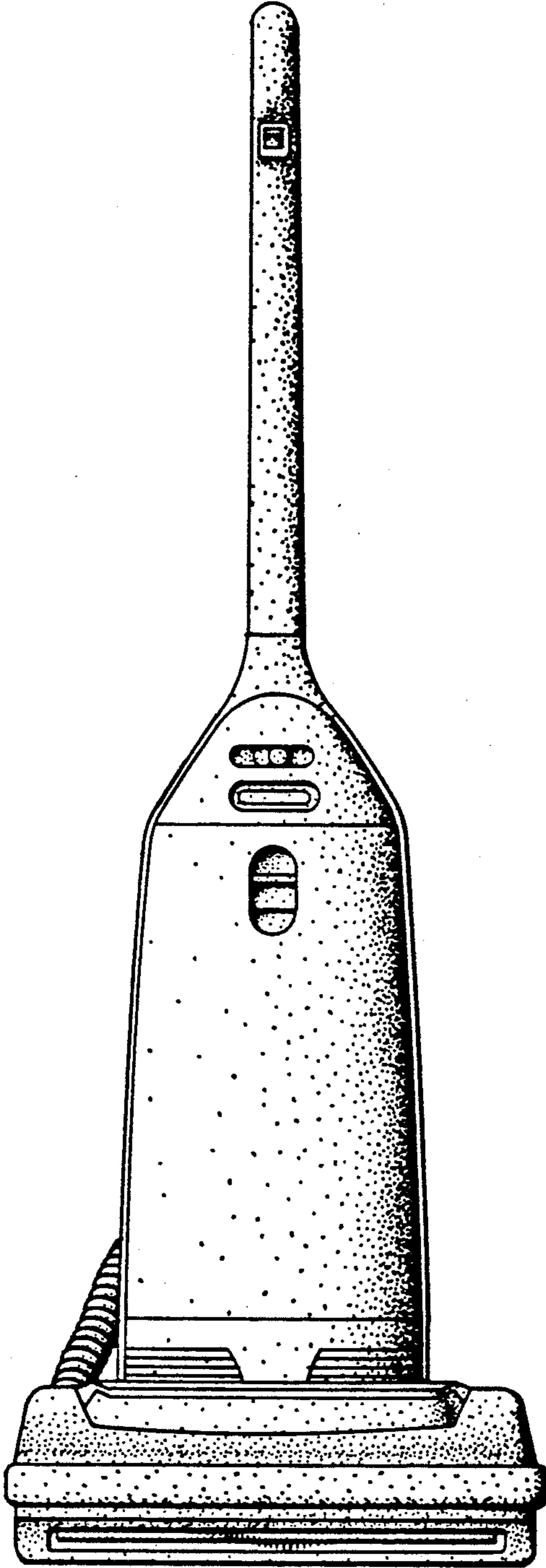
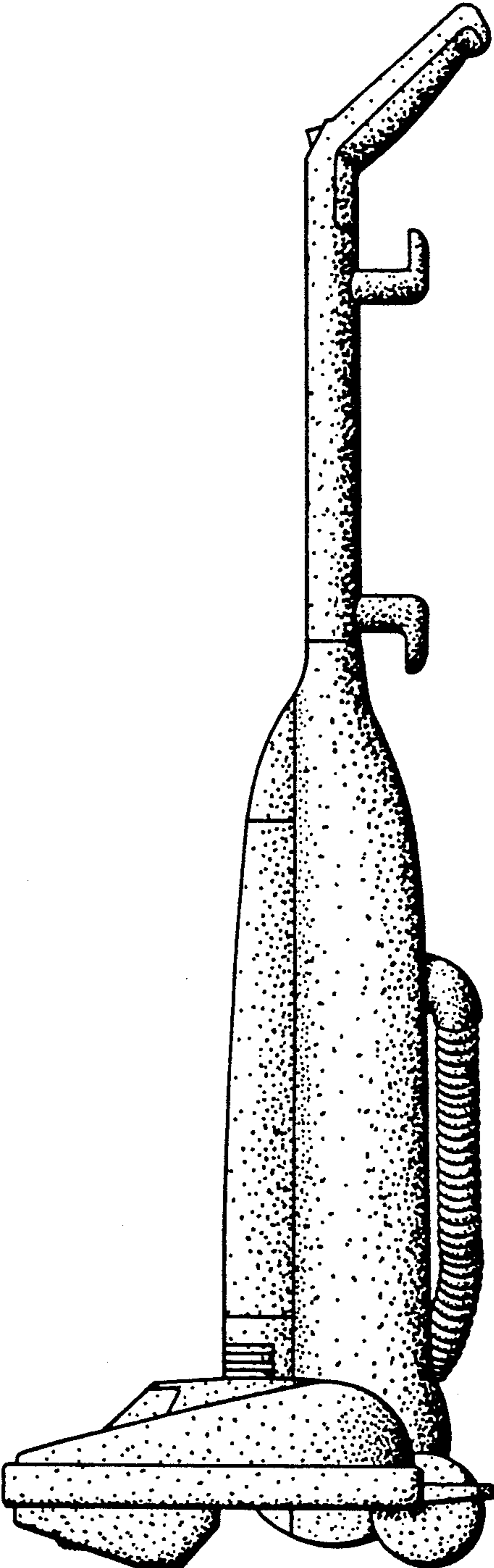


FIG. 3

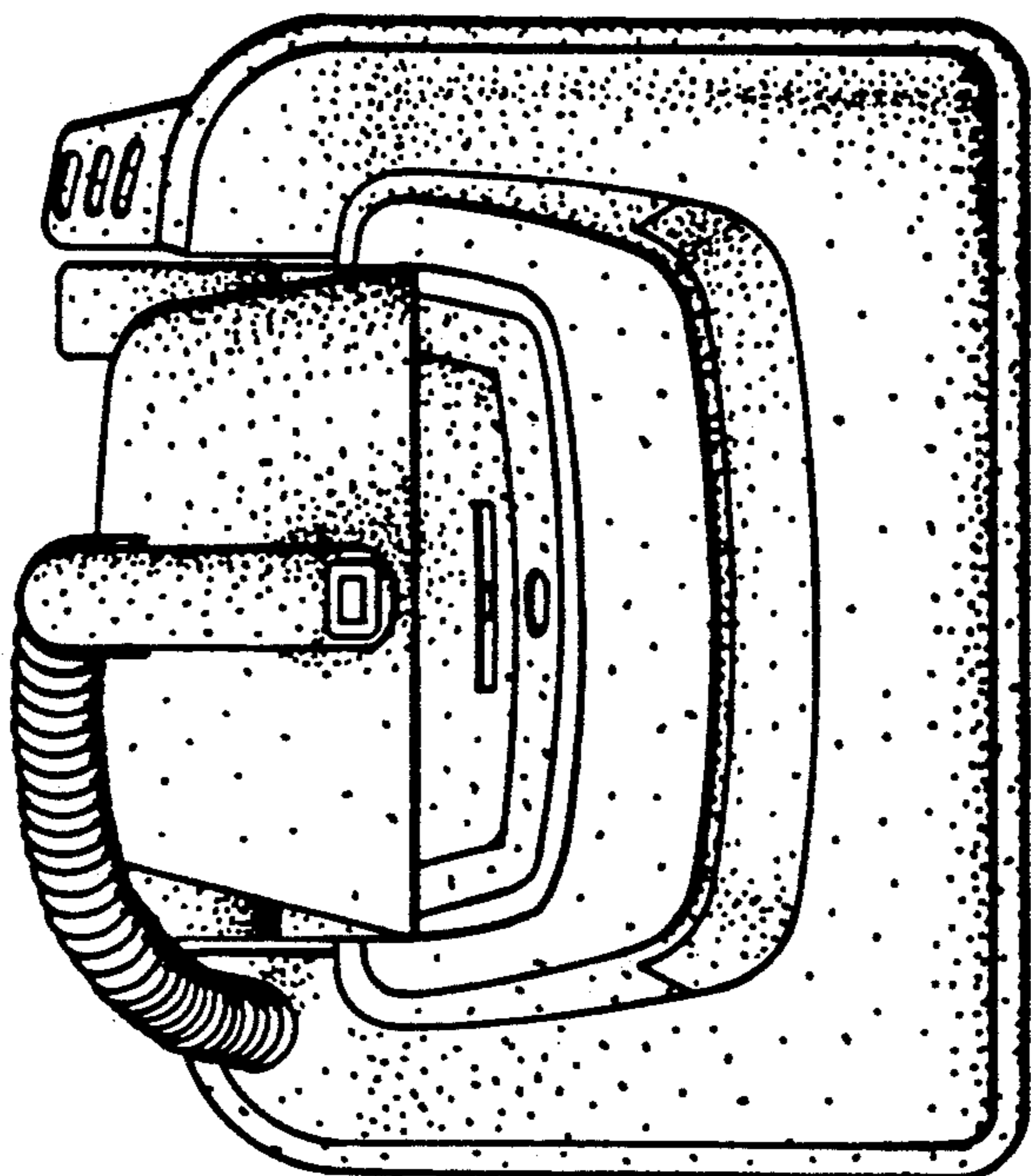




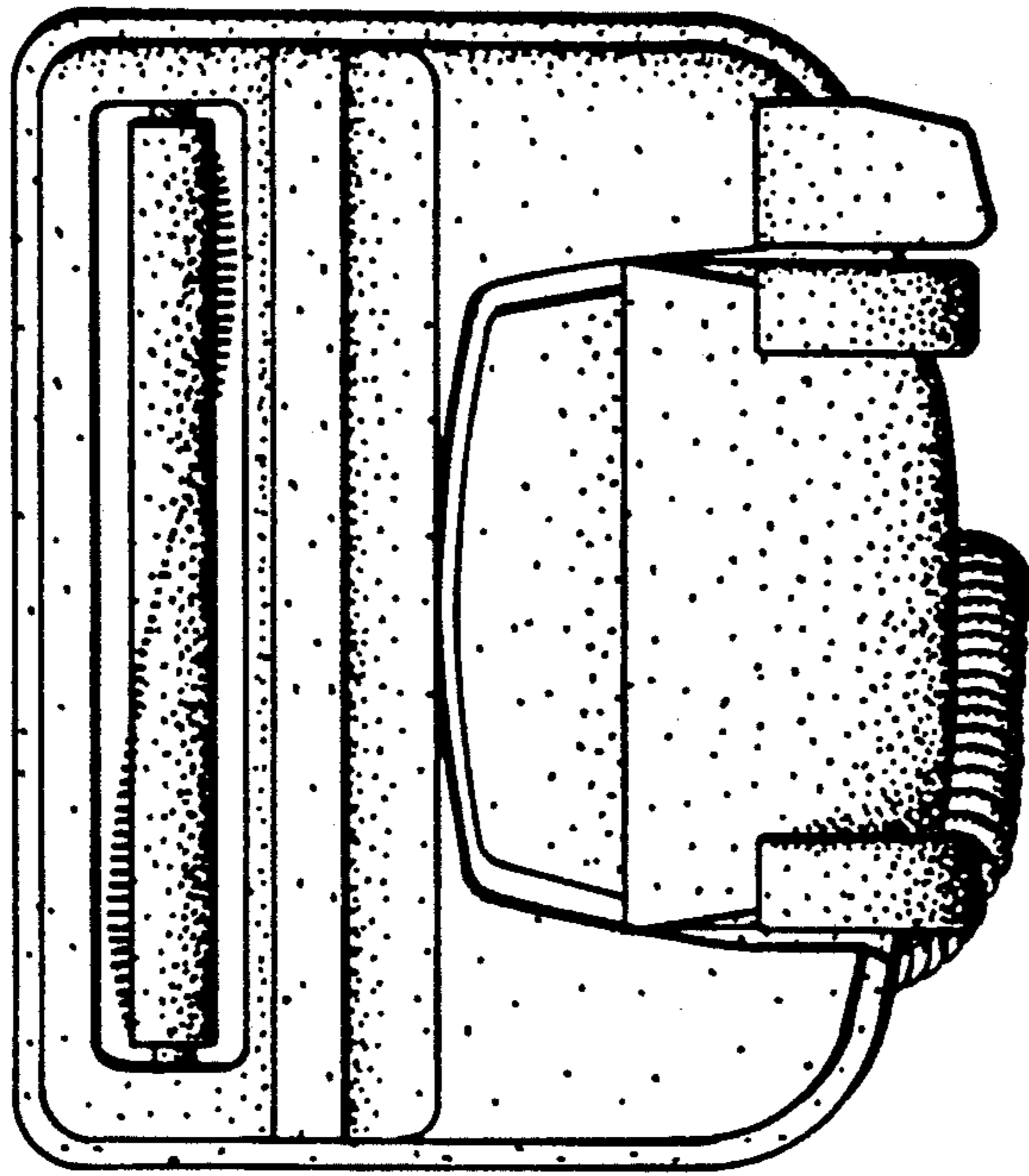
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**