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United States Patent [19]

Tsuge

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[54] VACUUM CLEANER

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[73] Assignee: Makita Corporation, Anjo, Japan

[**] Term: 14 Years

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[30] Foreign Application Priority Data

Oct. 30, 1990 [JP] Japan 2-36520

[52] U.S. Cl. D32/21

[58] Field of Search D32/1, 15, 17-18,
D32/21, 23-24; 15/300.1, 301, 310, 327.1,
327.2, 327.6, 330, 344, 405, 412

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Attorney, Agent, or Firm—Lahive & Cockfield

[57] CLAIM

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

DESCRIPTION

FIG. 1 is a top, front and left side perspective view of a vacuum cleaner showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof; and,
FIG. 8 is a top, rear and right side perspective view thereof.

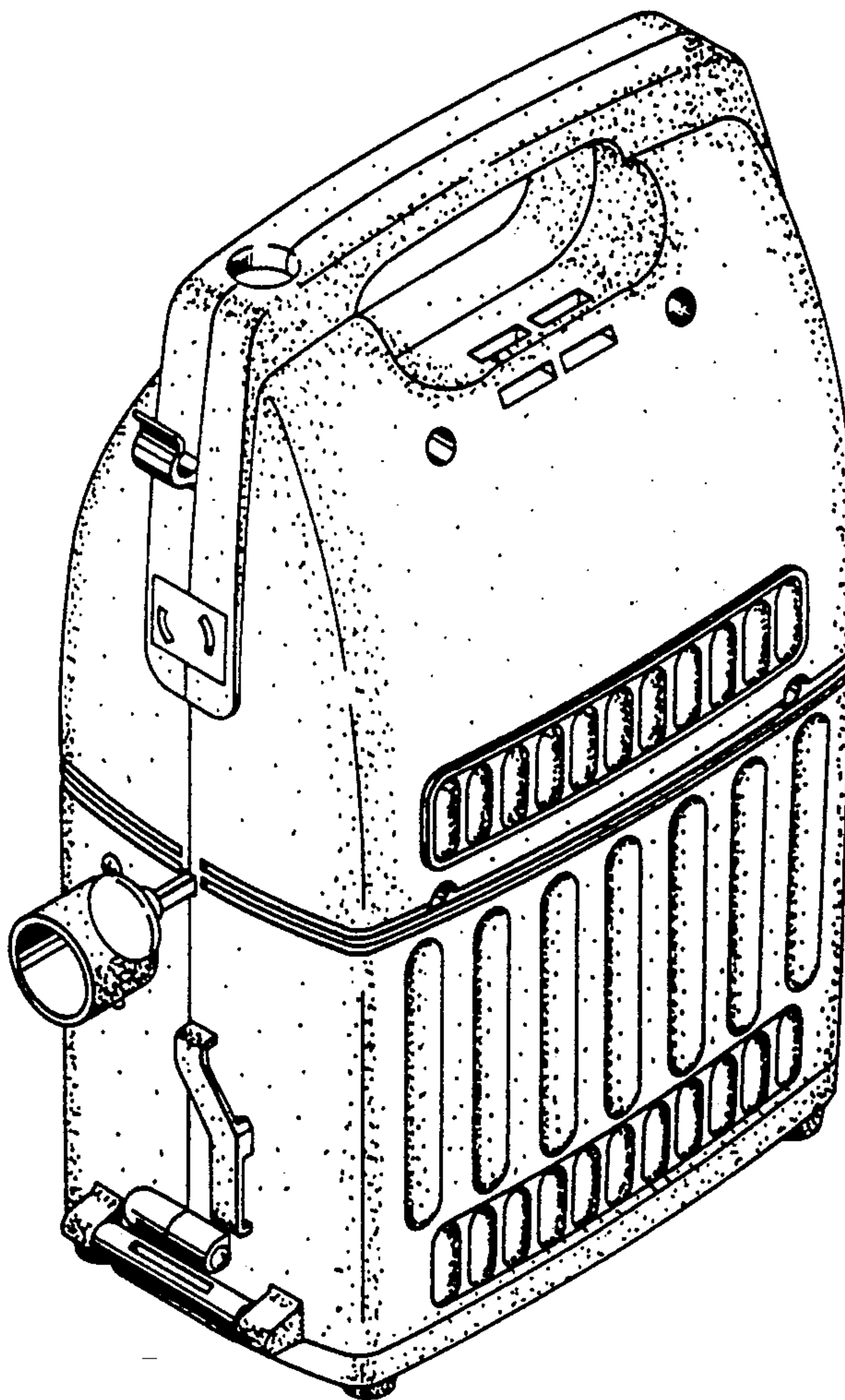


FIG. 1

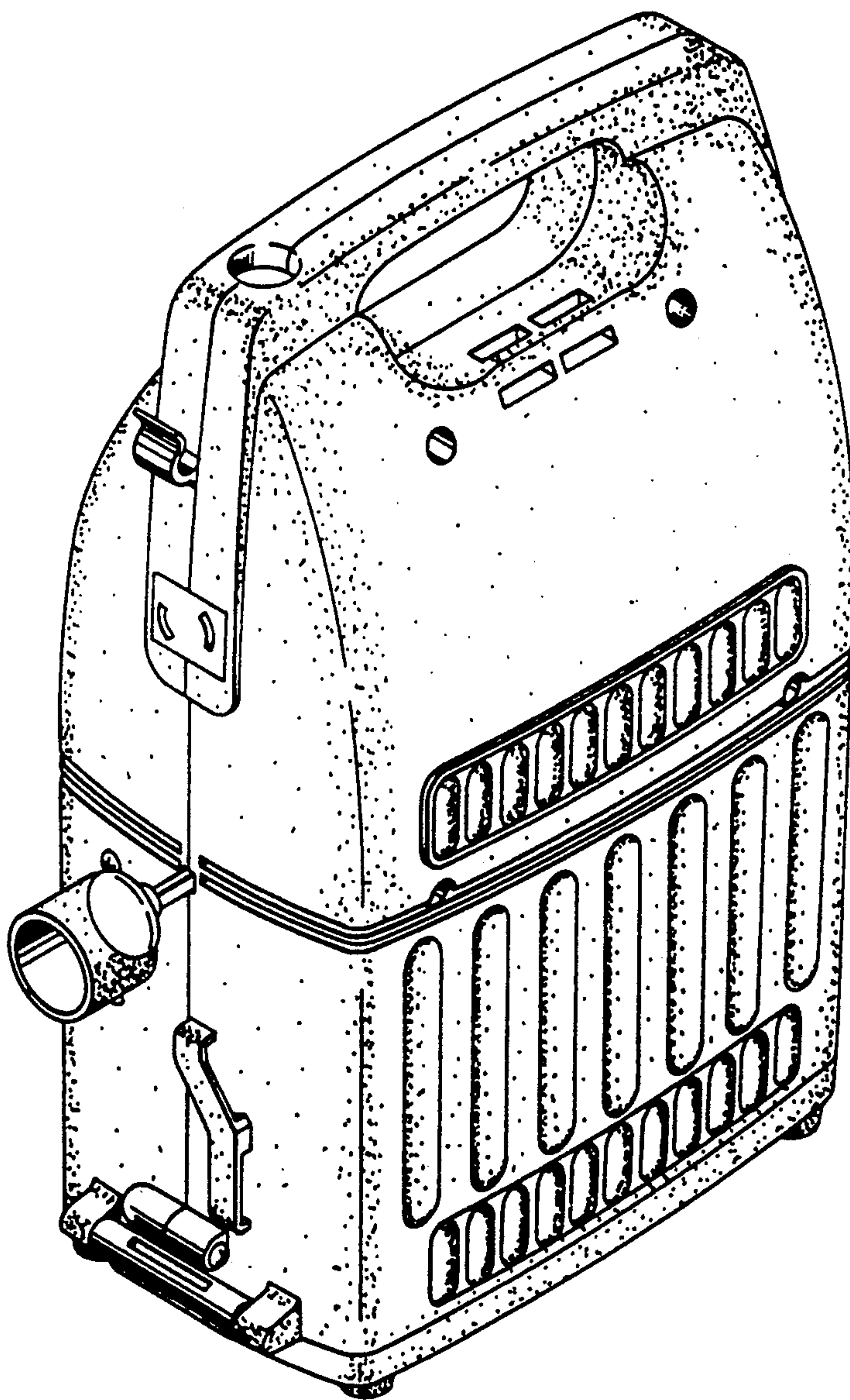


FIG. 2

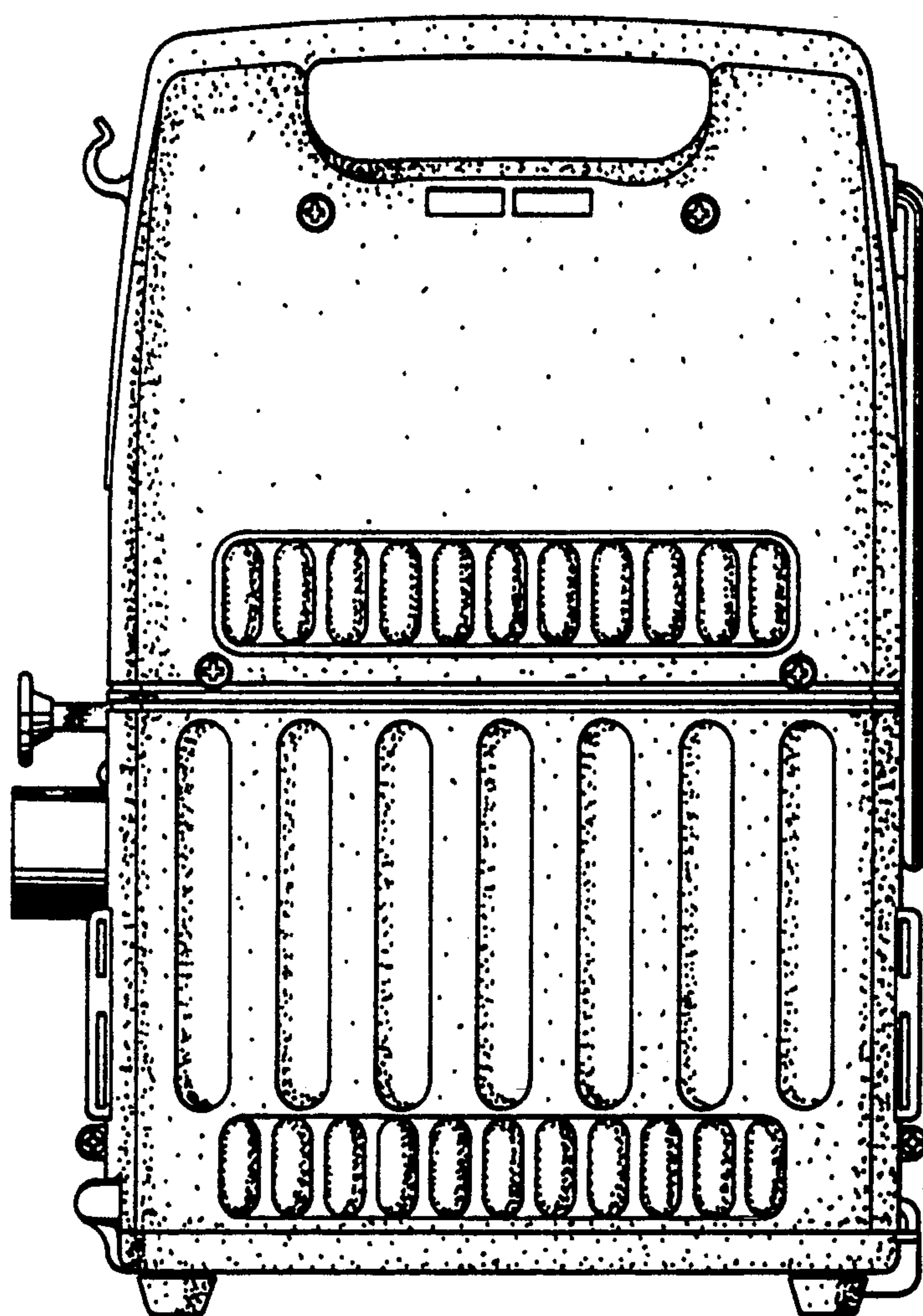


FIG. 3

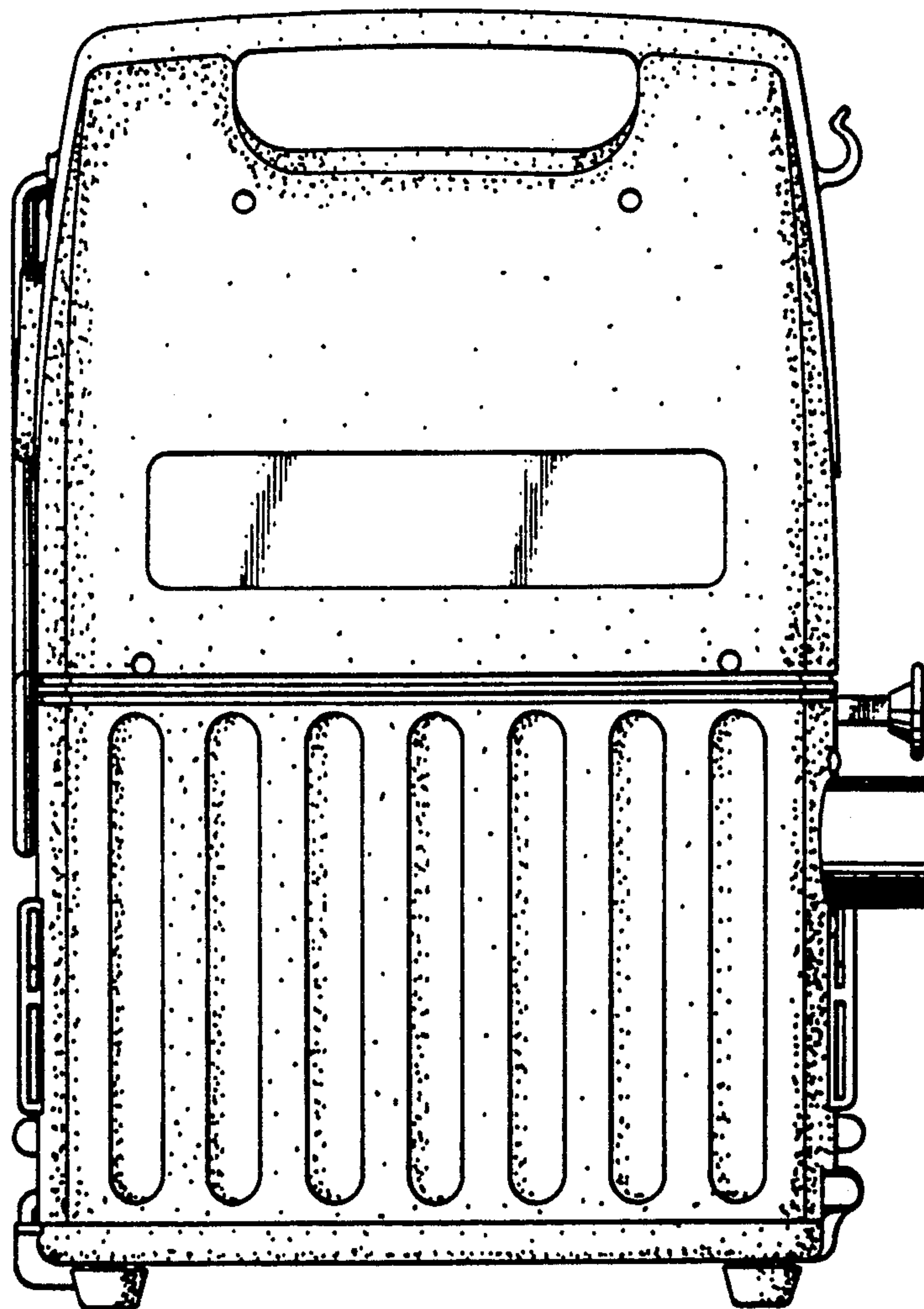


FIG.4

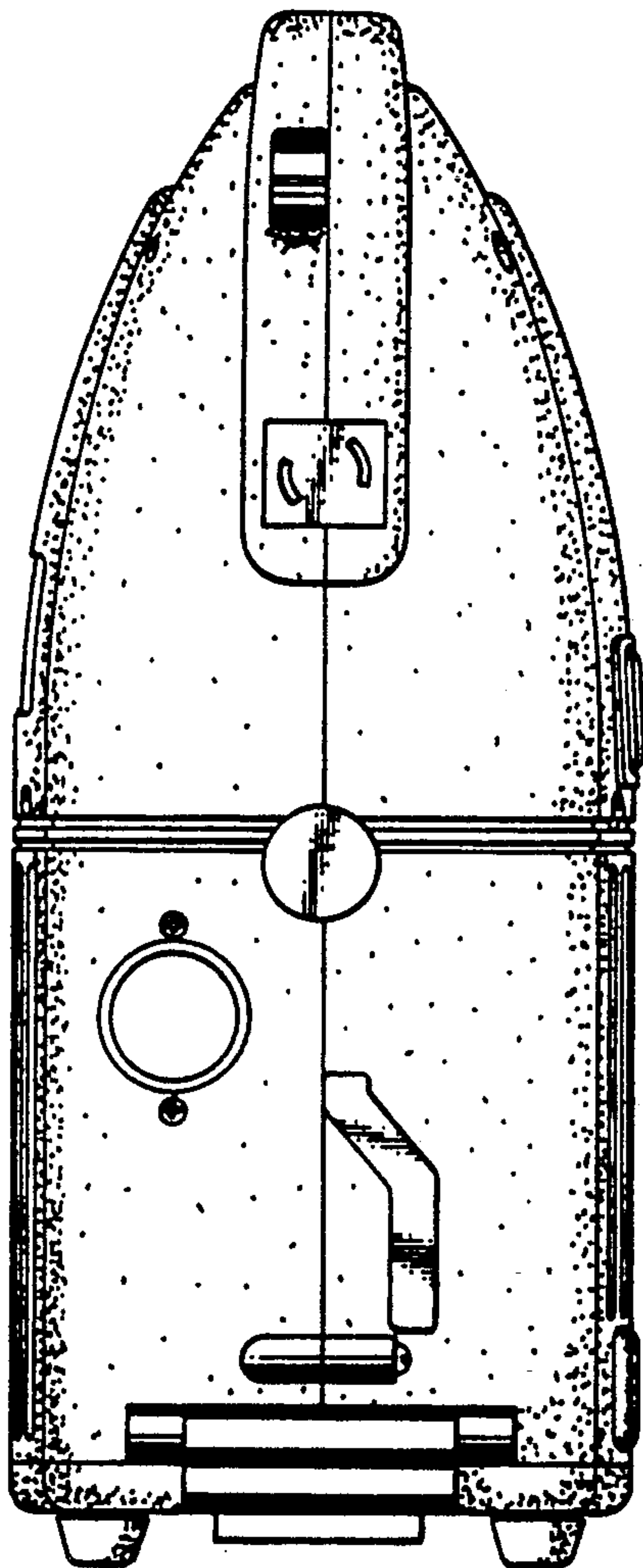


FIG.5

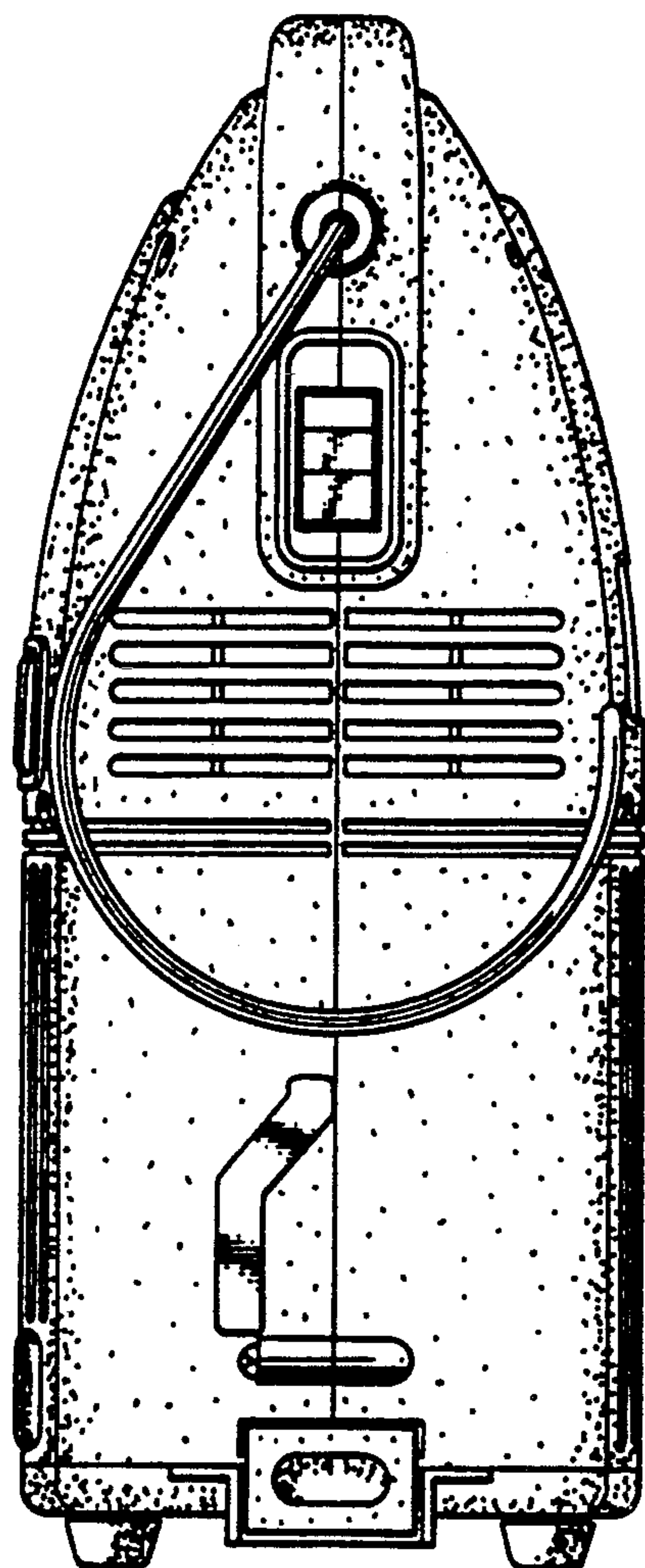


FIG. 6

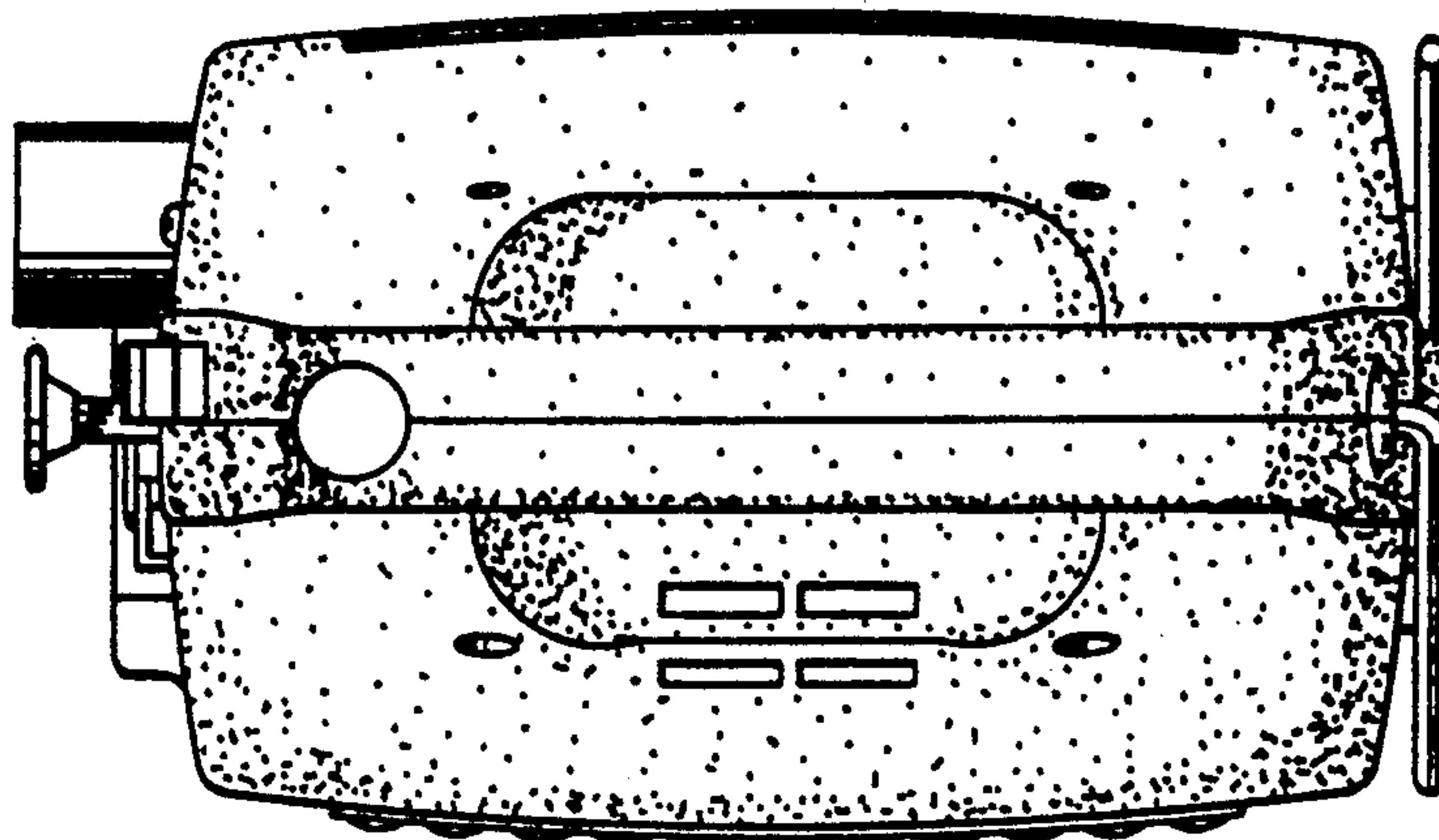


FIG. 7

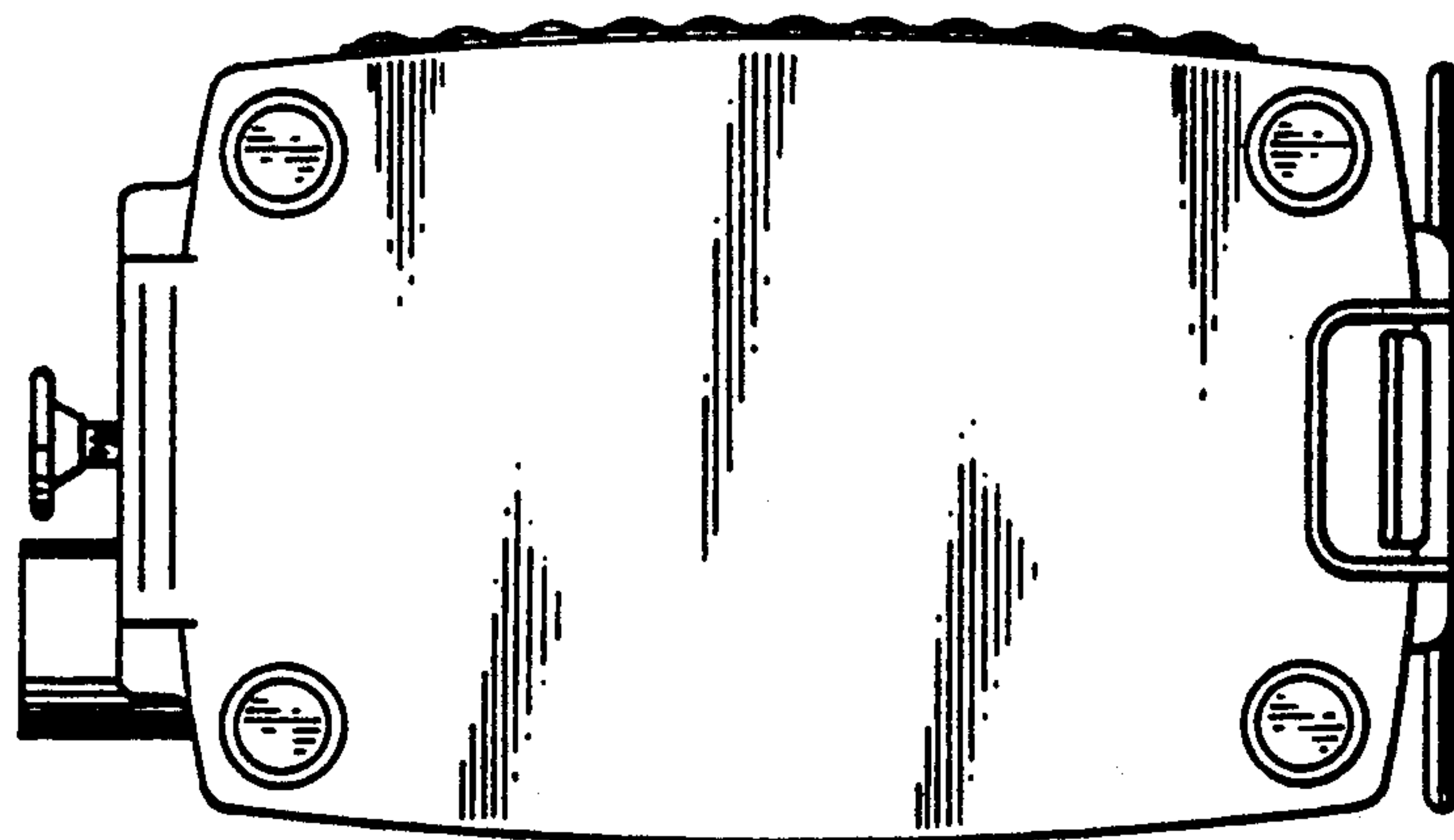


FIG. 8

