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

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(54) **REFRIGERATOR**

(75) Inventors: **Guanglin Du; Gongwei Xu**, both of
Qingdao (CN)

(73) Assignees: **Haier Group Corporation; Qingdao
Refrigeration Technology Research
Institute**, both of Qingdao (CN)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (7) Cl.** **15-07**

(52) **U.S. Cl.** **D15/86**

(58) **Field of Search** D15/79, 81, 85,
D15/88; 62/246, 441, 442, 449; 312/236,
401, 405

(56) **References Cited**

U.S. PATENT DOCUMENTS

D152,001 S * 12/1948 Koeber D15/86

D190,453 S * 5/1961 Munz et al. D15/86
D338,899 S * 8/1993 Labree D15/86
D387,779 S * 12/1997 Weiss et al. D15/85
D410,013 S * 5/1999 Takasago et al. D15/86
6,019,447 A * 2/2000 Jackovin 312/405

* cited by examiner

Primary Examiner—Mitchell Siegel

(74) *Attorney, Agent, or Firm*—Burns, Doane, Swecker &
Mathis L.L.P.

(57) **CLAIM**

The ornamental design for a refrigerator, as shown and
described.

DESCRIPTION

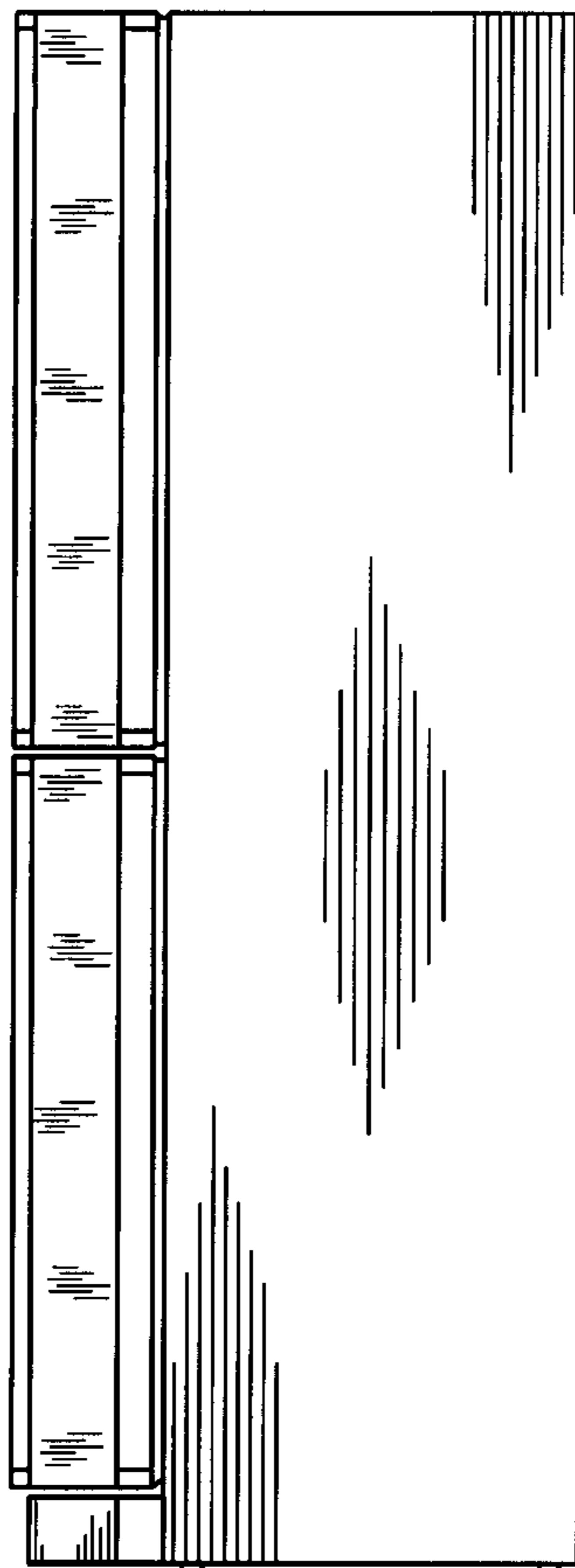
FIG. 1 is a right side elevational view of a refrigerator
showing our new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a left side elevational view thereof; and,

FIG. 4 is a top plan view thereof.

1 Claim, 2 Drawing Sheets



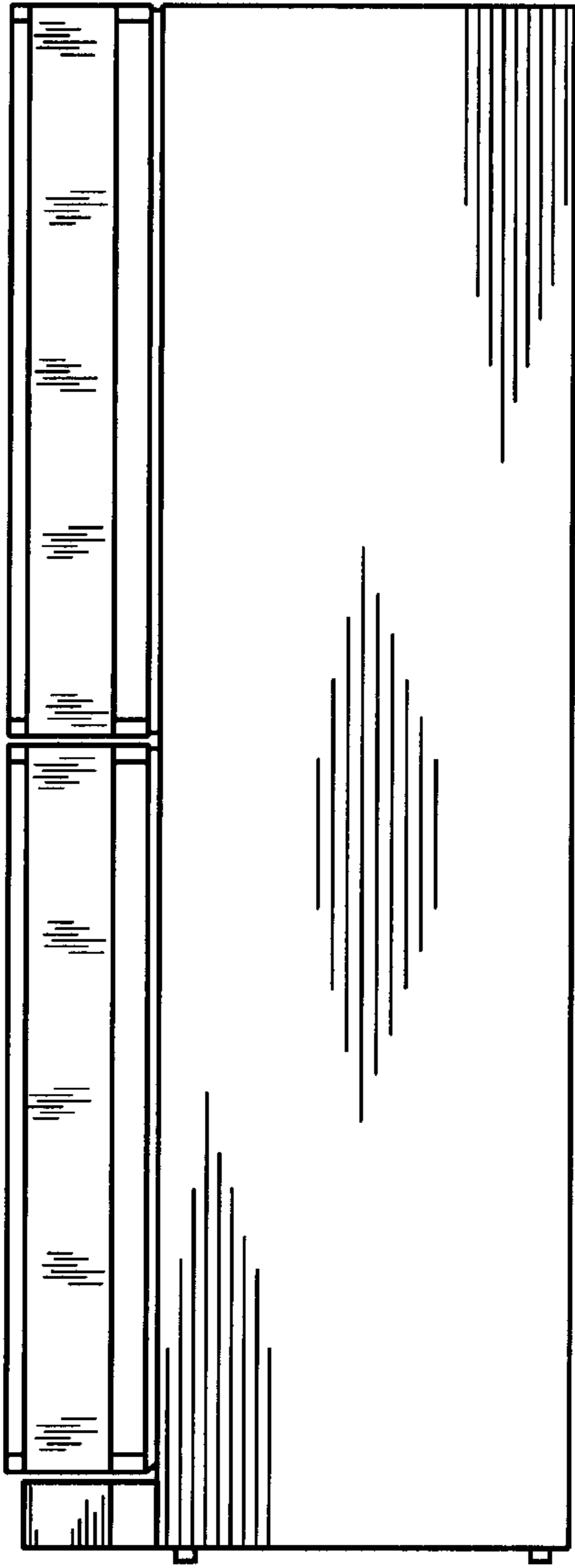


FIG. 1

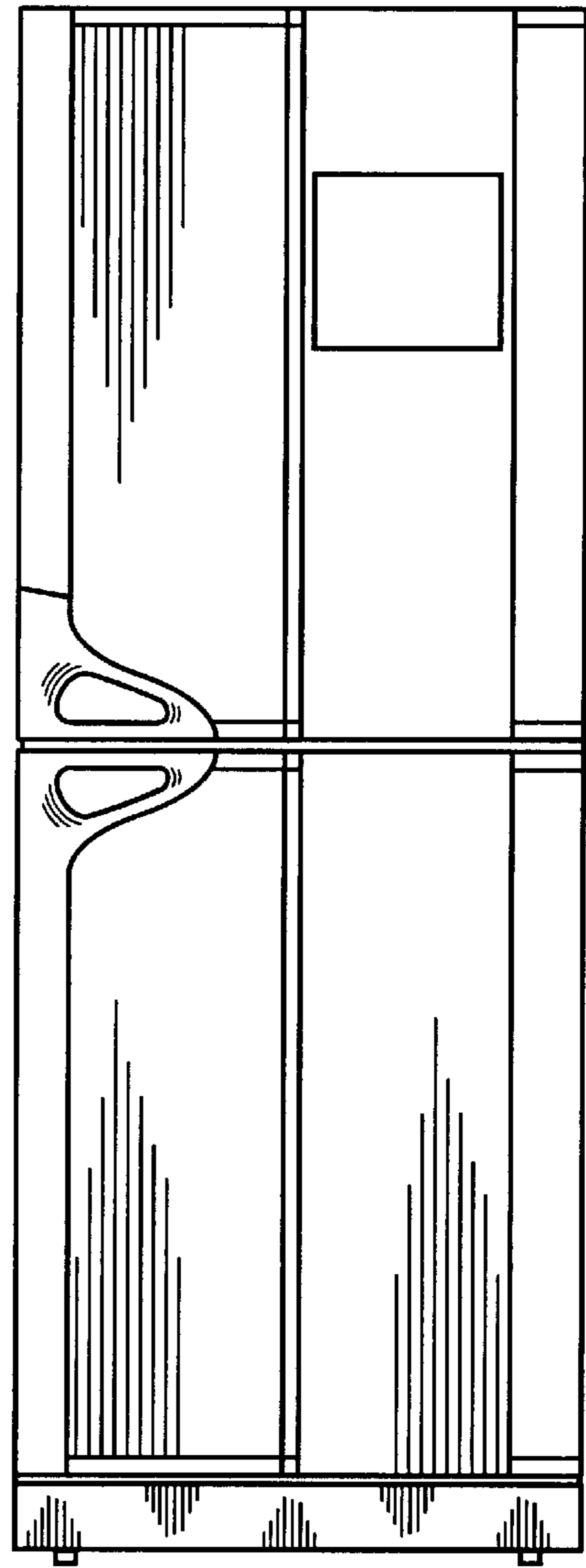


FIG. 2

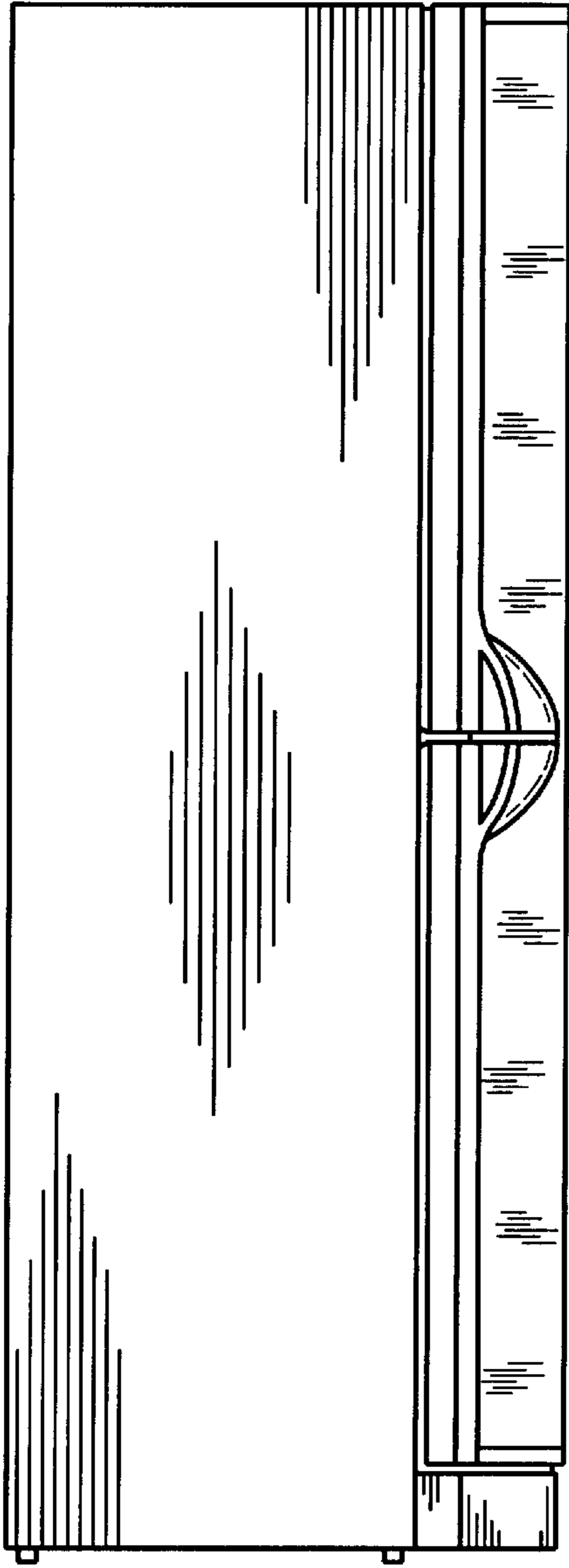


FIG. 3

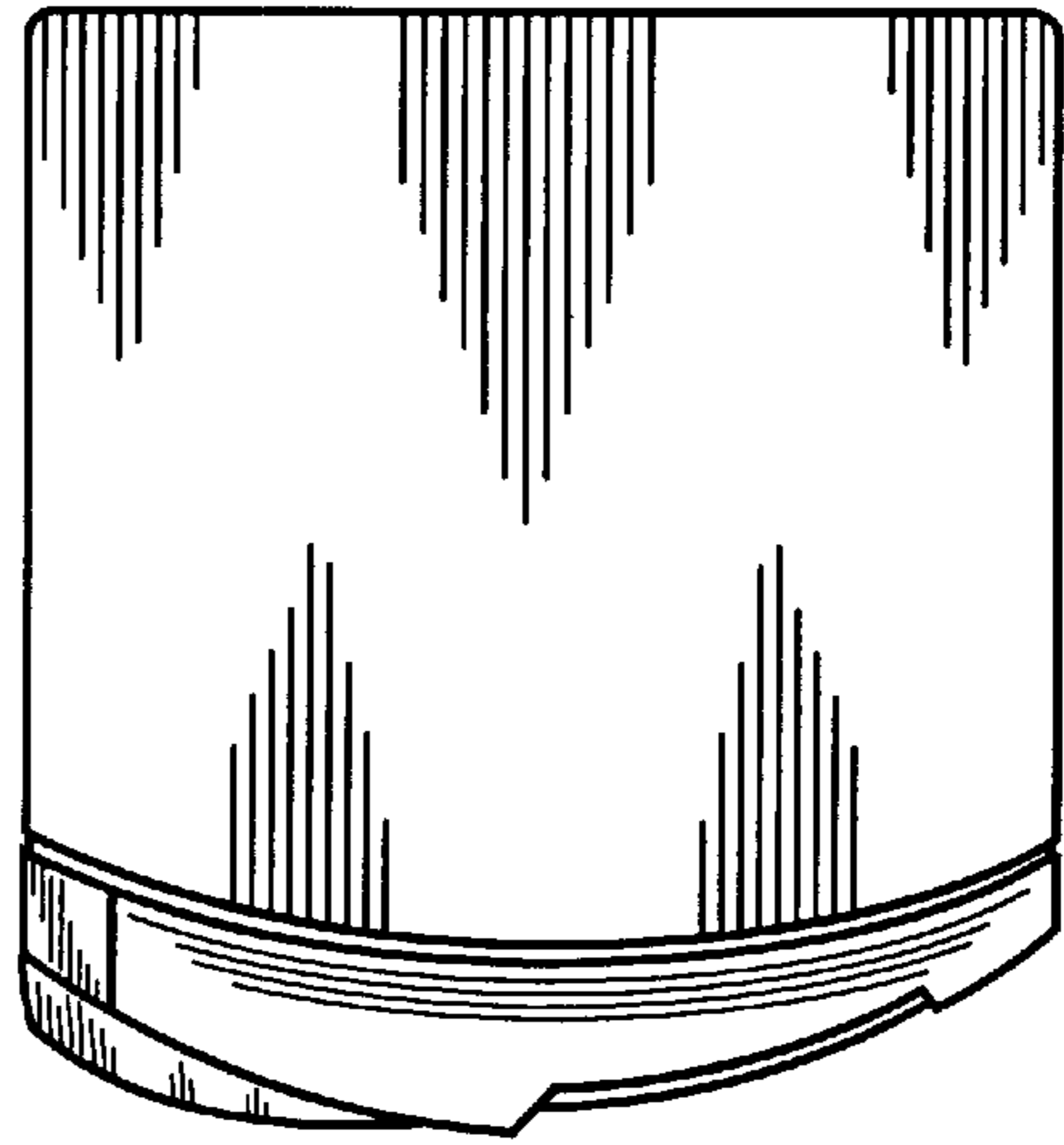


FIG. 4