

United States Patent [19]

Van Asten et al.

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[54] VACUUM CLEANER

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[73] Assignee: **U.S. Philips Corporation, New York, N.Y.**

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

[21] Appl. No.: **369,544**

[22] Filed: **Jun. 19, 1989**

Related U.S. Application Data

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[30] Foreign Application Priority Data

Aug. 14, 1986 [XB] Benelux 61299
[52] U.S. Cl. D32/21
[58] Field of Search D32/21, 23-24;
15/320-321, 323, 327 R, 327 F, 327 D, 327 E,
353, 412

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Assistant Examiner—Doris V. Coles

[57] CLAIM

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

DESCRIPTION

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

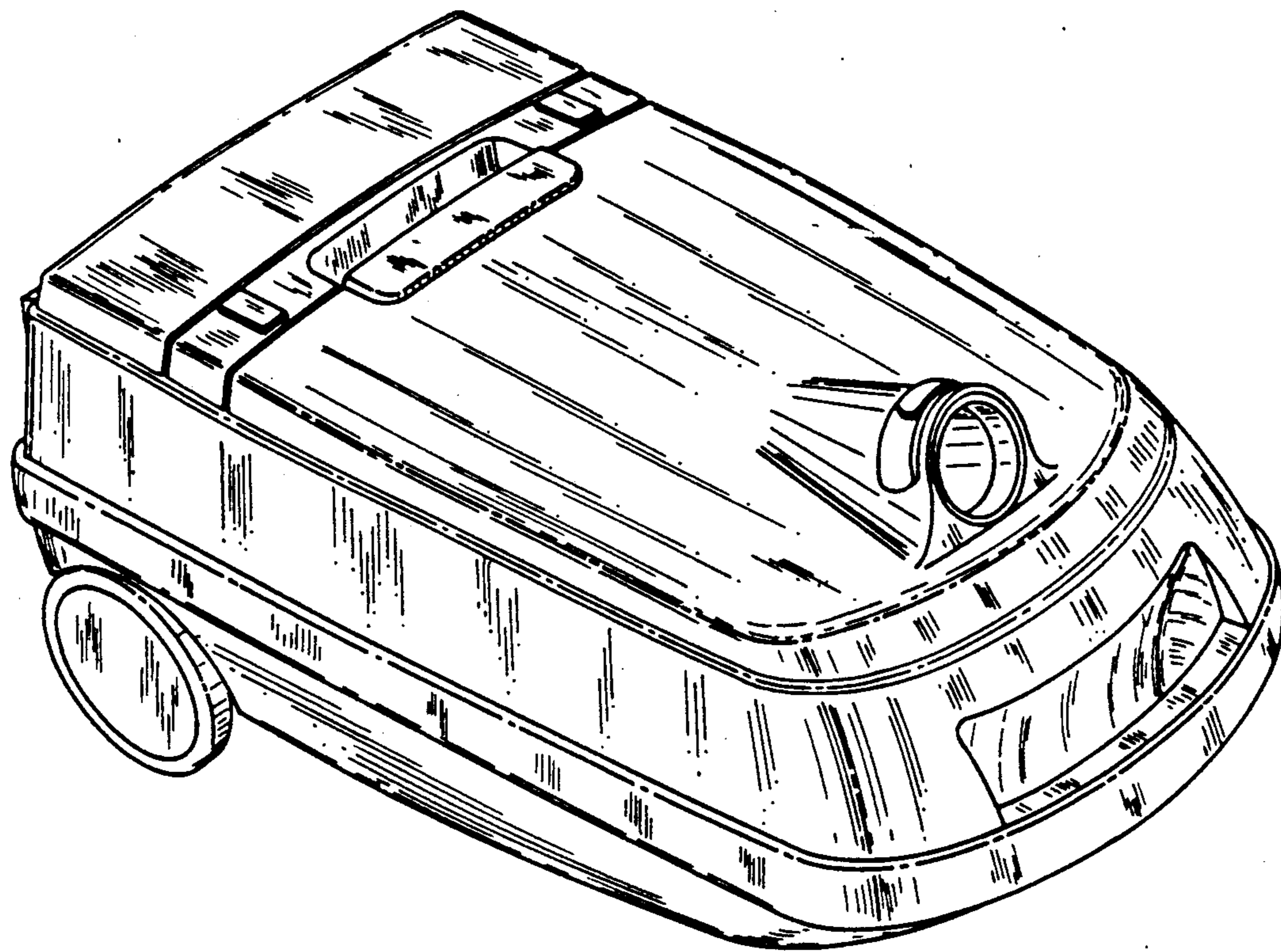


FIG. 1

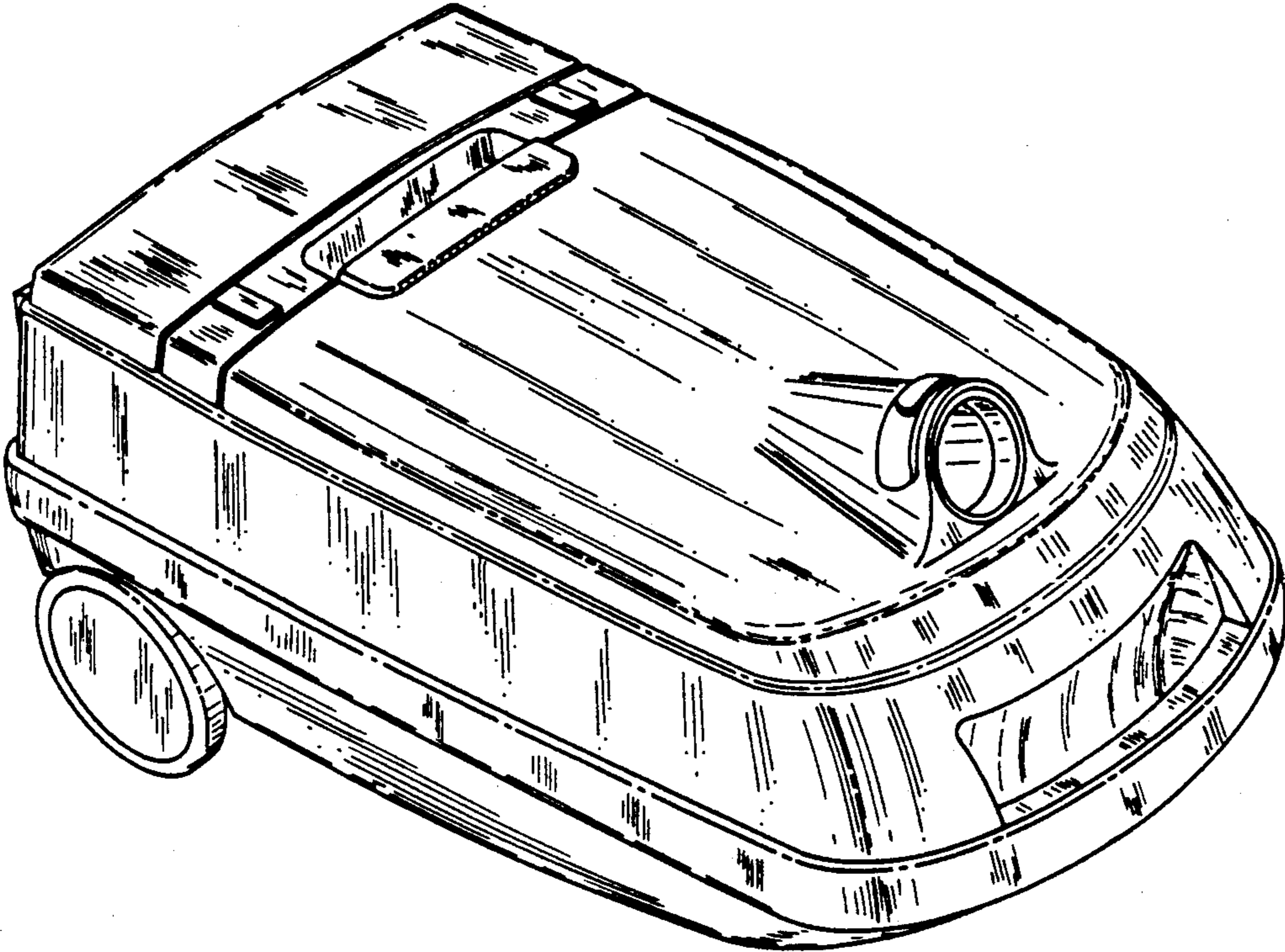


FIG. 2

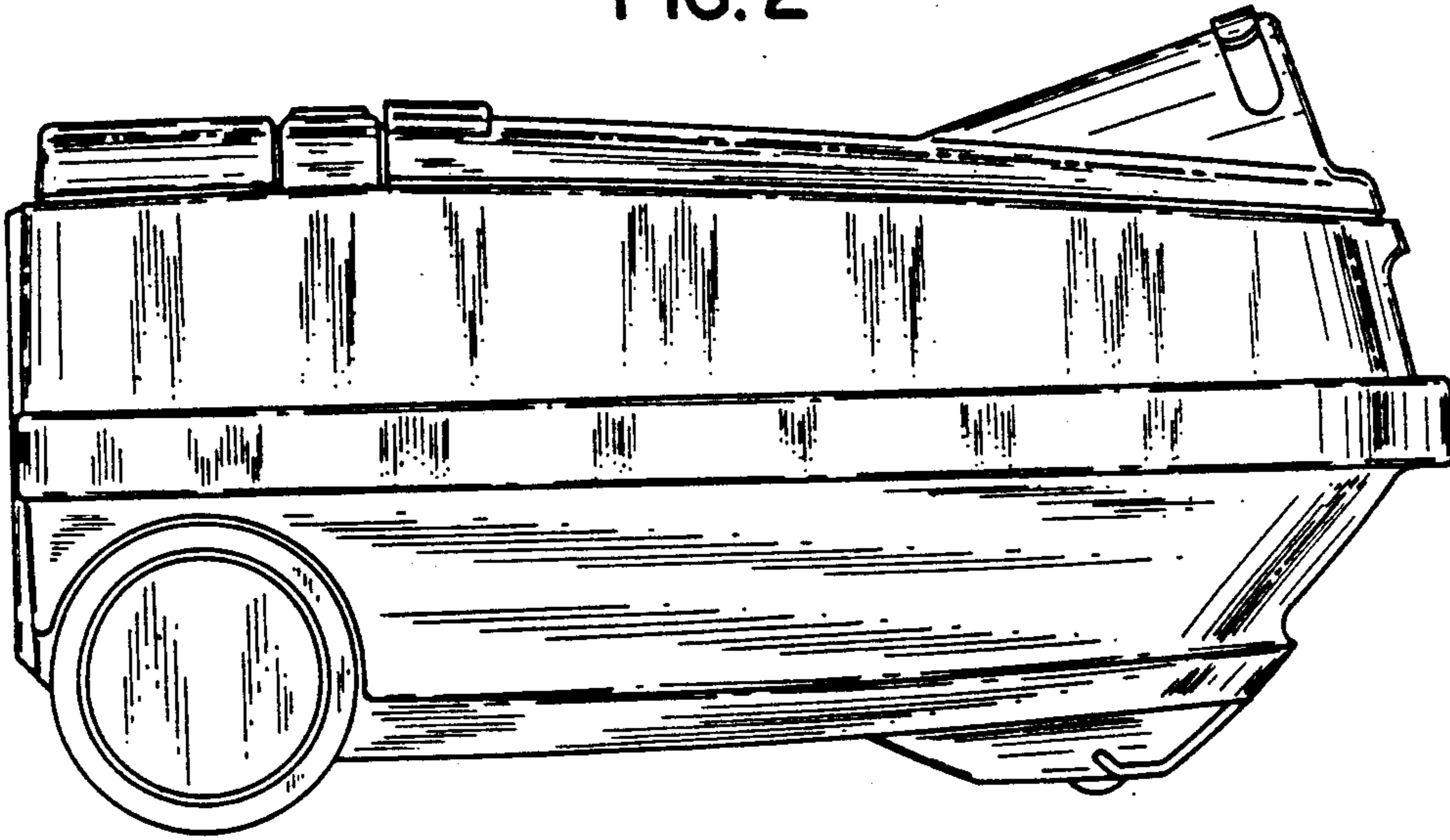


FIG. 3

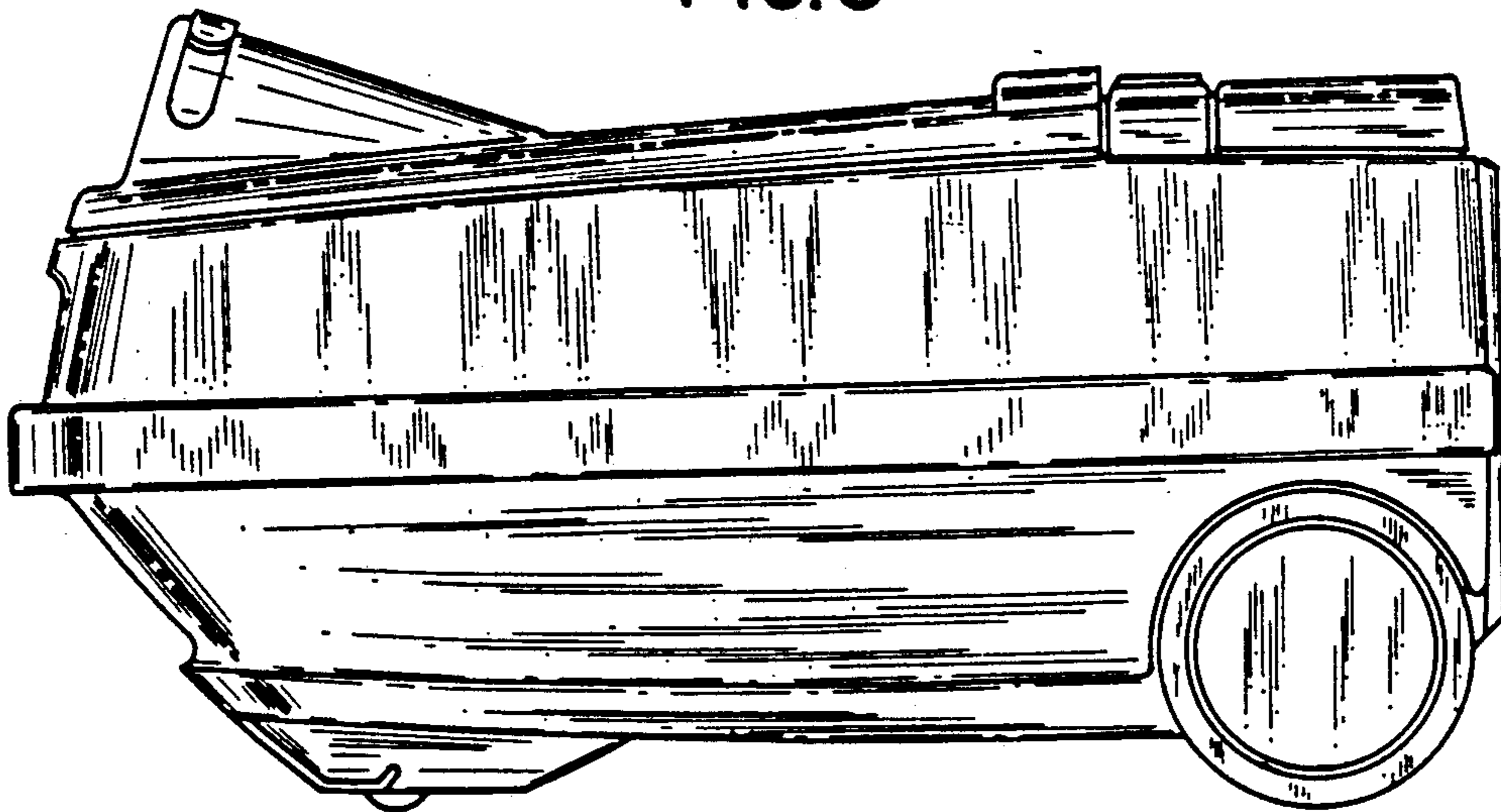


FIG. 4

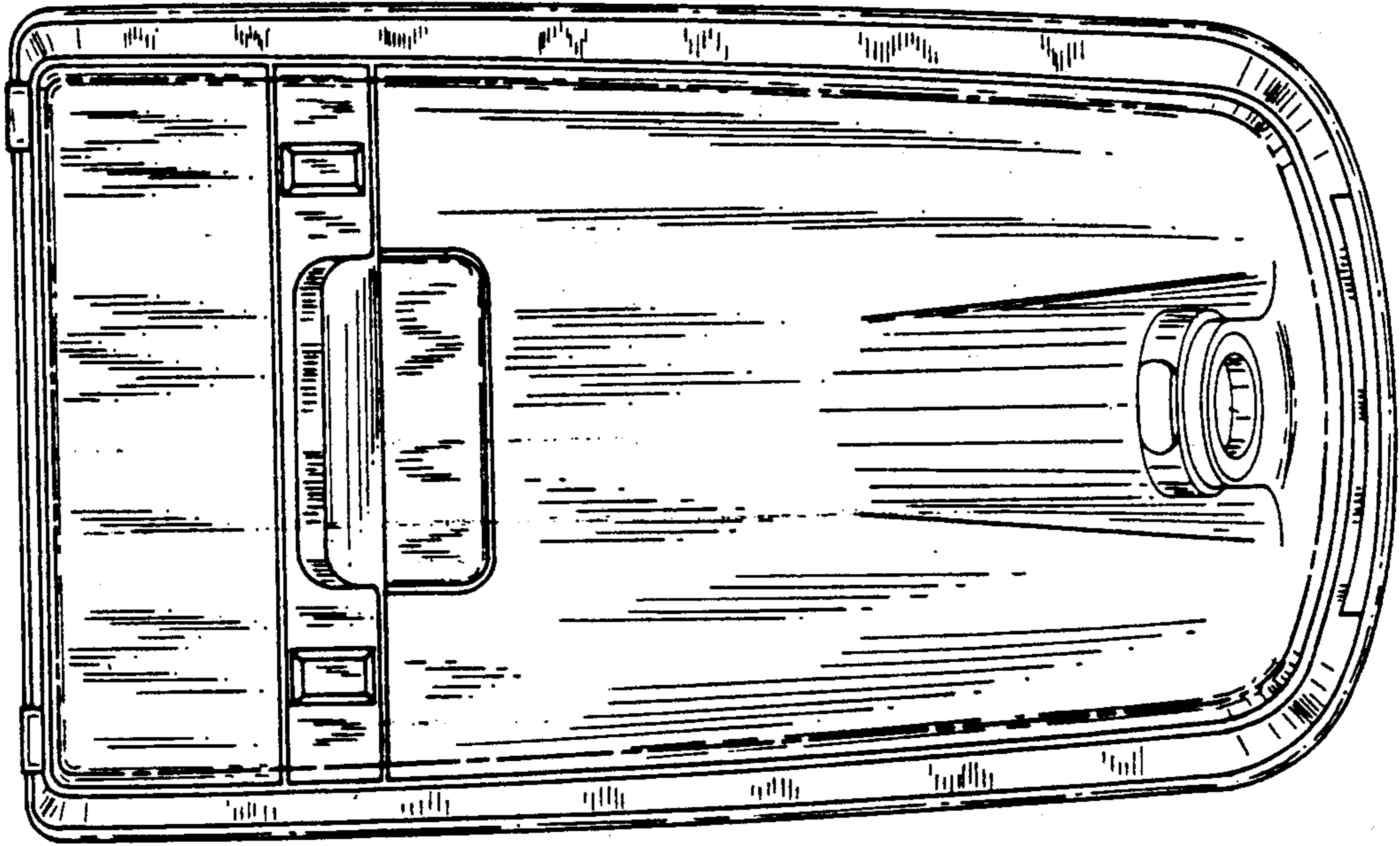


FIG. 5

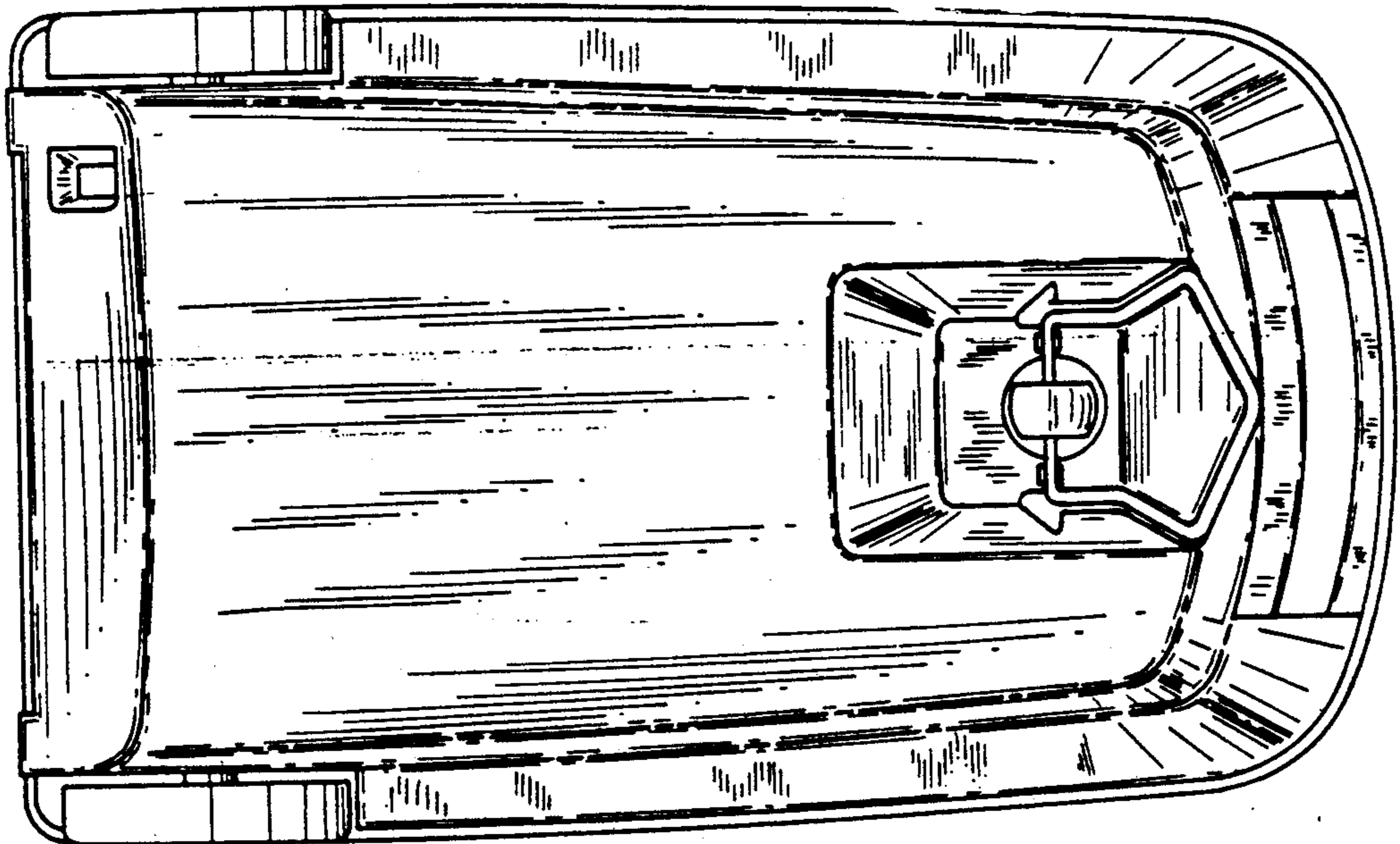


FIG. 6

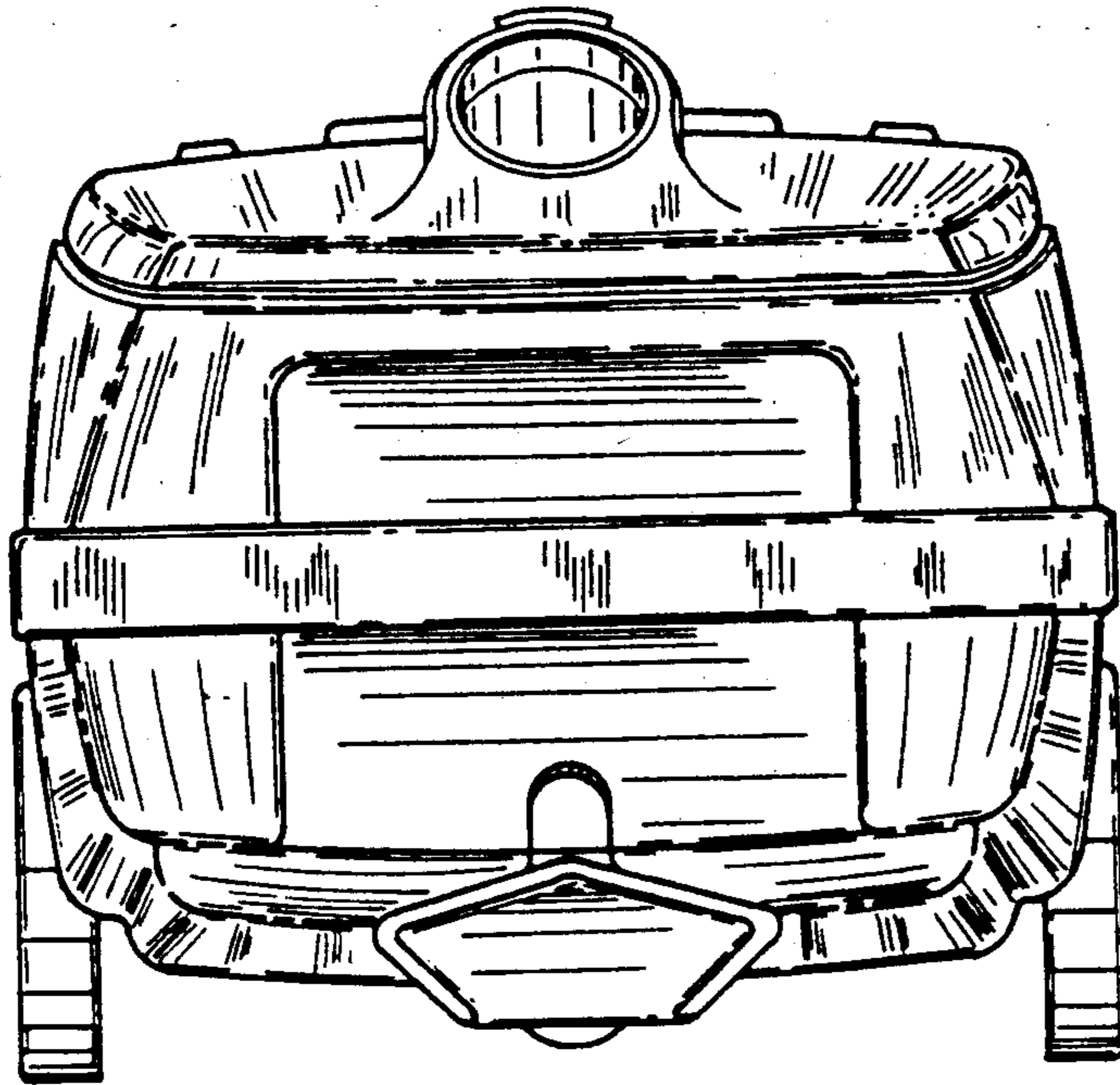


FIG. 7

