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(12) **United States Design Patent**  
**Abe**

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(54) **BATTERY CHARGER FOR A VACUUM CLEANER**

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(\*\*) Term: **15 Years**

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** ..... **13-02**

(52) **U.S. Cl.**  
USPC ..... **D13/108**

(58) **Field of Classification Search**

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D13/153, 155, 184, 199, 154; D32/31;  
D8/356, 358

CPC ..... Y02E 60/12; H02J 7/025; H02J 7/0042;  
H02J 7/0044; H02J 7/0045; H02J 7/0003;  
H02J 7/0027; H02J 7/0013; H02J 7/0054;  
H02J 7/00; H02J 2001/008; H02J 3/32;  
H02J 3/008; H01F 38/14; H01R 13/6675;  
H01M 2/1022; H01M 2/1055; H01M  
10/44; H01M 10/46; H01M 10/425; B60L  
11/182; B60L 11/1809; B60L 11/1861;  
B60R 16/03; H04R 1/10

See application file for complete search history.

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(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front, top and right-side perspective view of a battery charger for a vacuum cleaner showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a top view thereof;

FIG. 5 is a bottom view thereof;

FIG. 6 is a right-side view thereof;

FIG. 7 is a left-side view thereof;

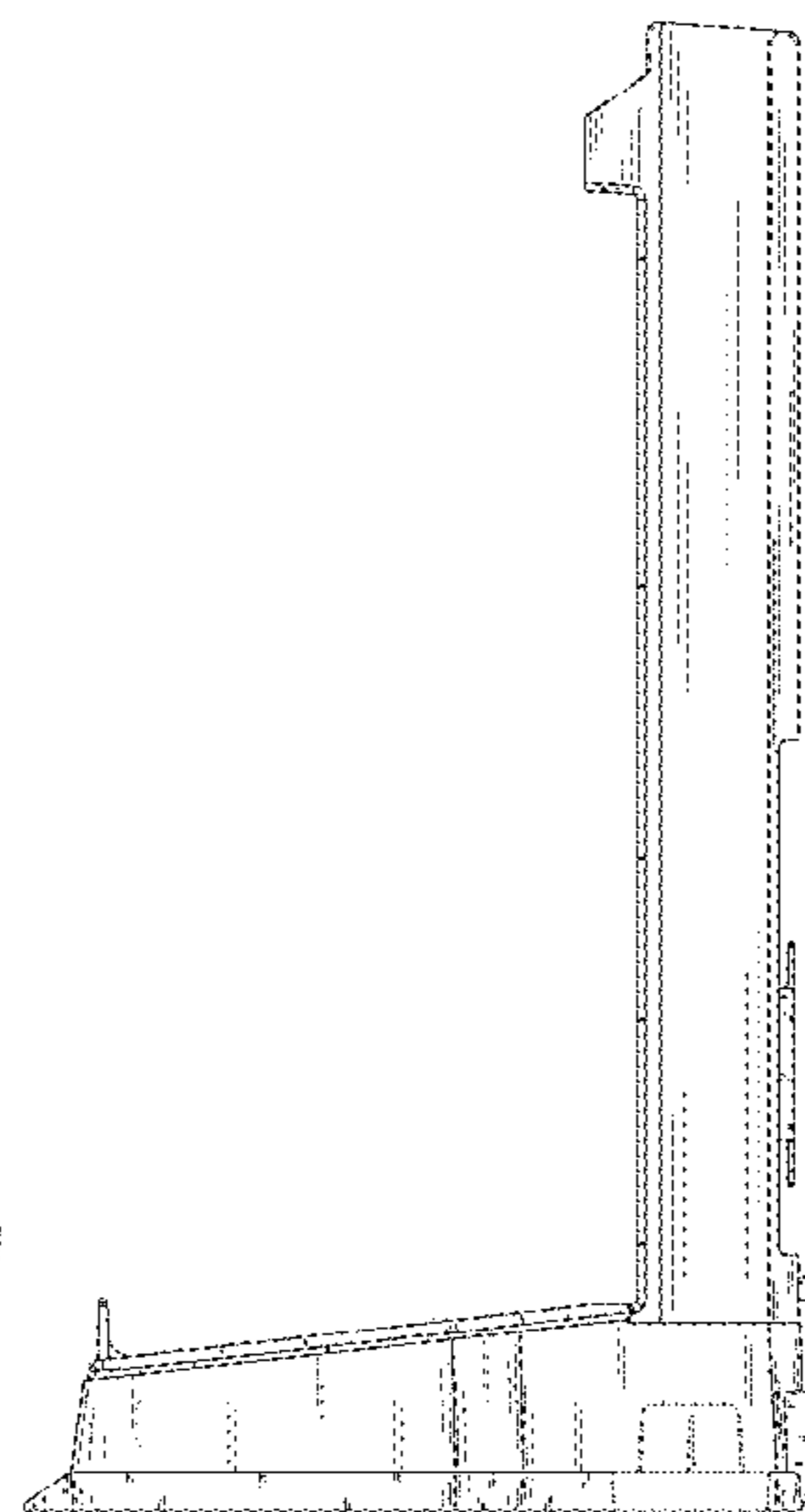
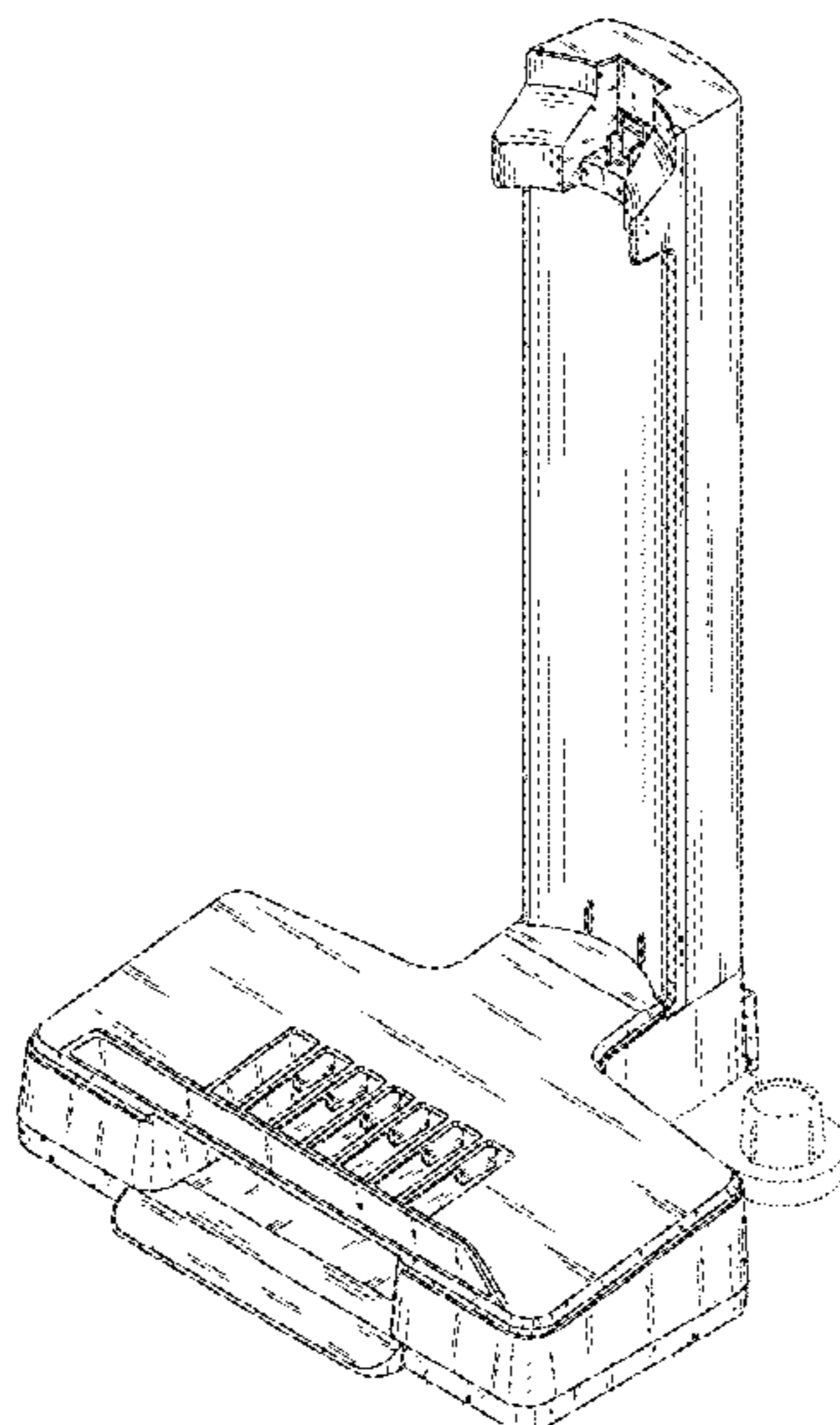
FIG. 8 is a sectional view taken along line 8-8 in FIG. 2;

FIG. 9 is a sectional view taken along line 9-9 in FIG. 4; and,

FIG. 10 is a perspective view shown in a state of use.

The dash-dash broken lines shown illustrate both environment and portions of the battery charger for a vacuum cleaner that form no part of the claimed design. The dash-dot broken lines represent the bounds of the claimed design and form no part of the claimed design.

**1 Claim, 10 Drawing Sheets**



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FIG. 1

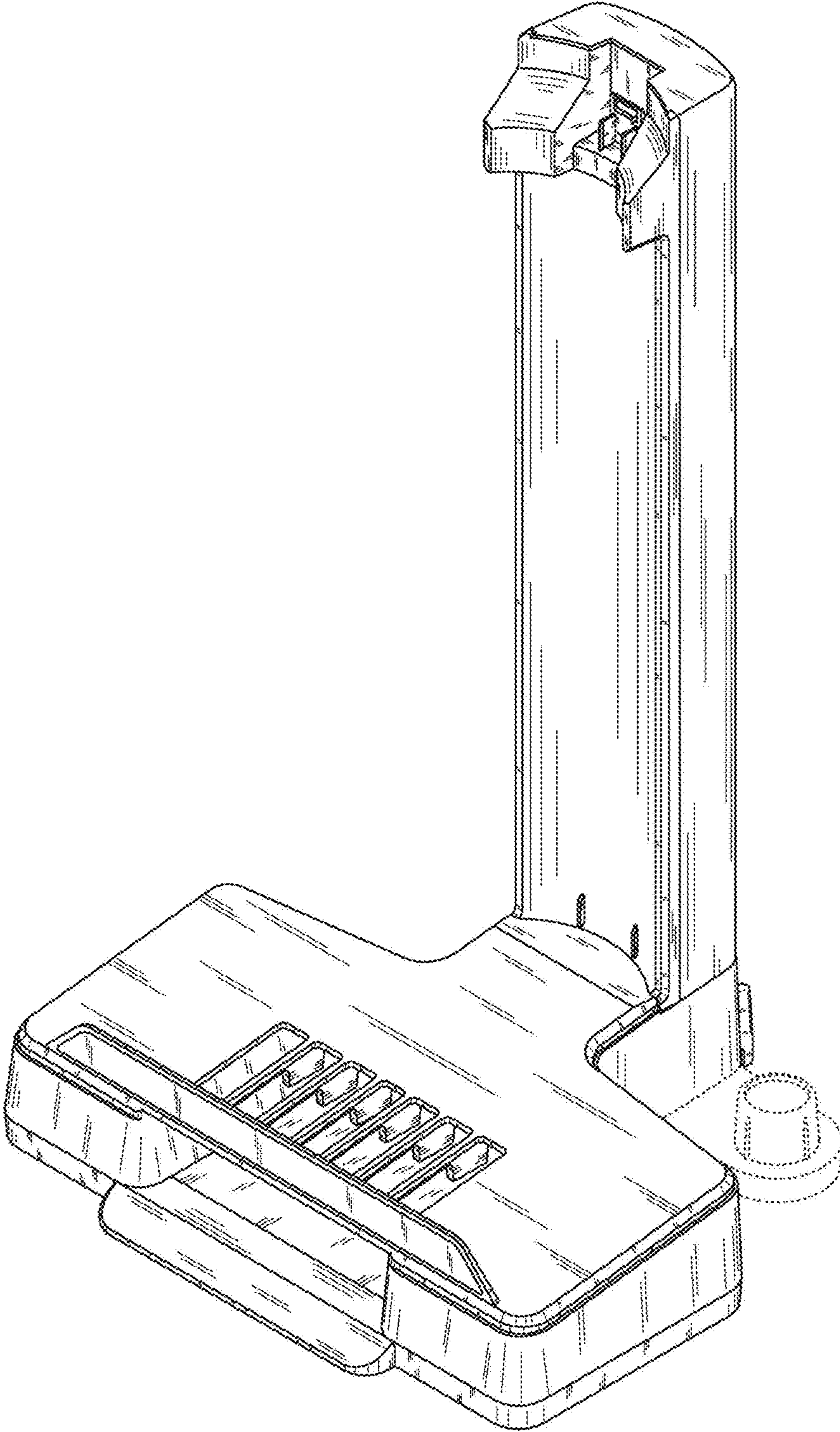
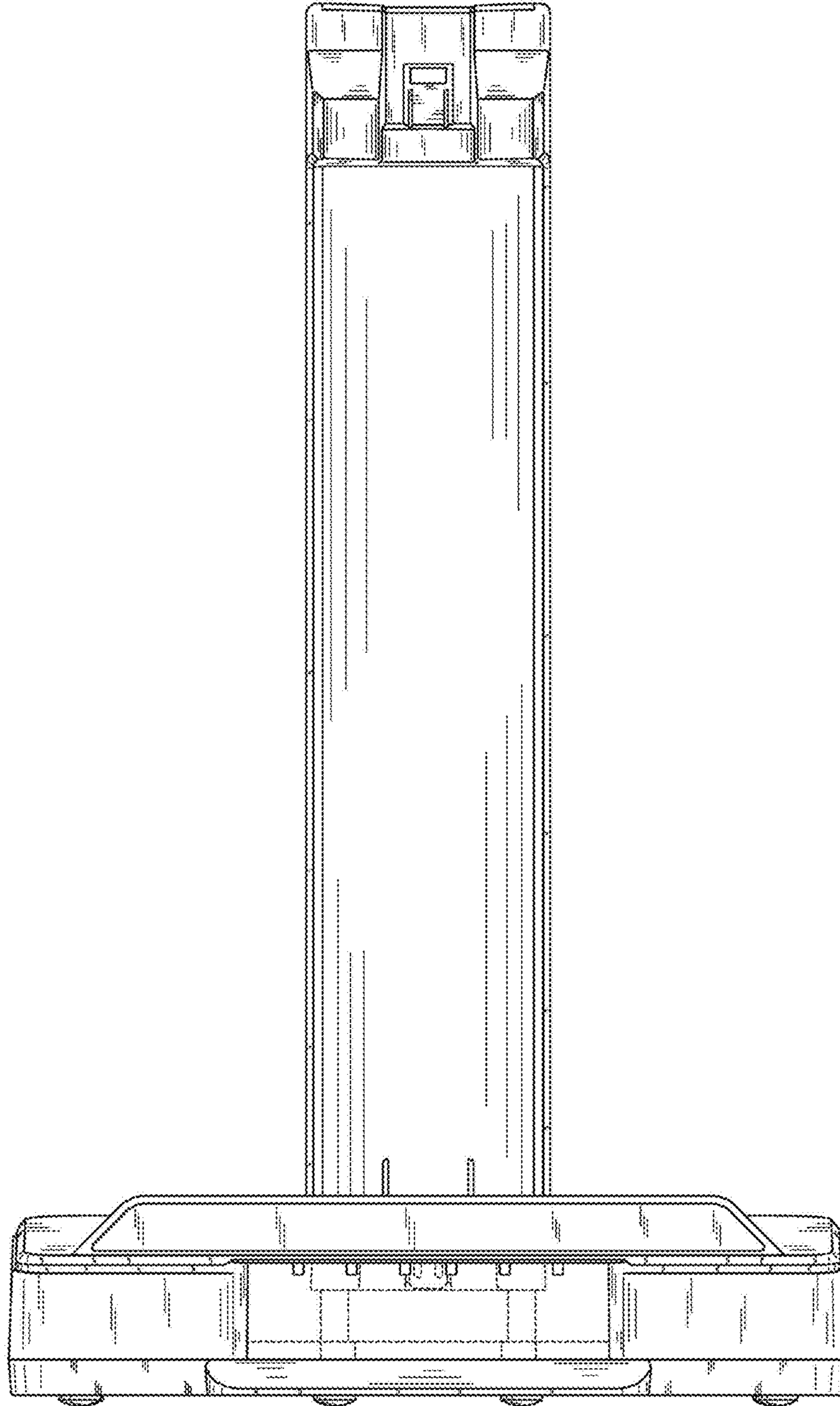


FIG.2

8 ↖



8 ↖

FIG. 3

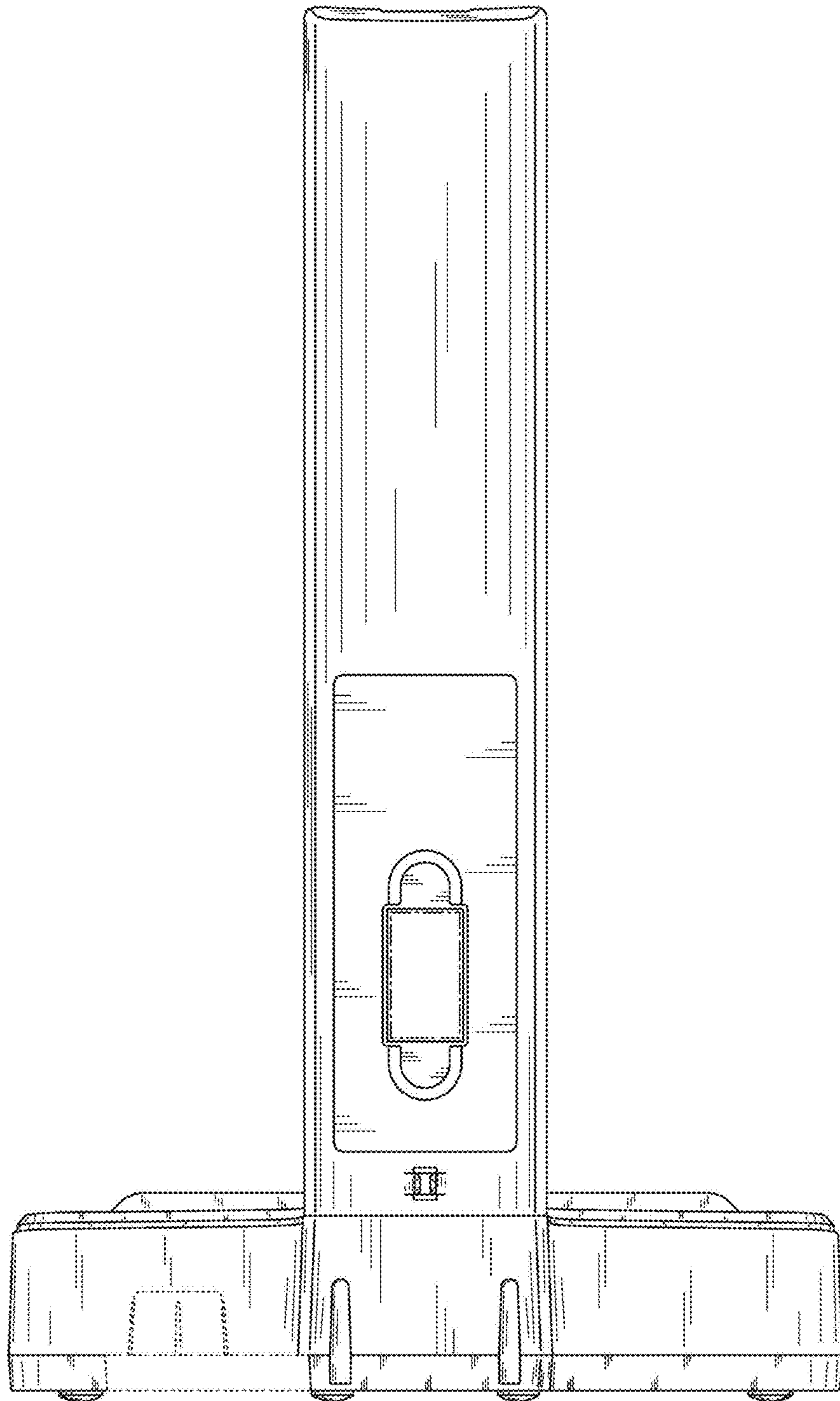


FIG.4

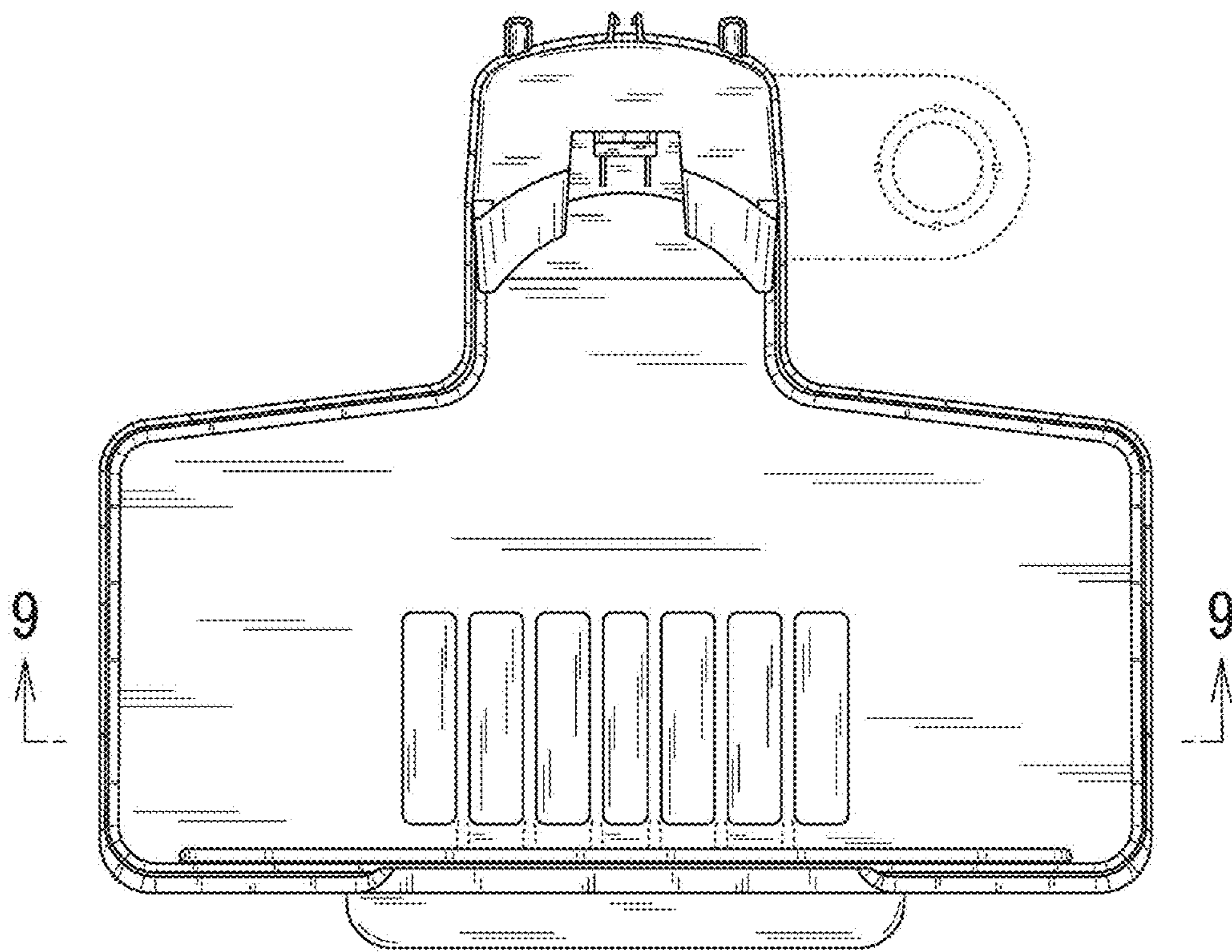


FIG.5

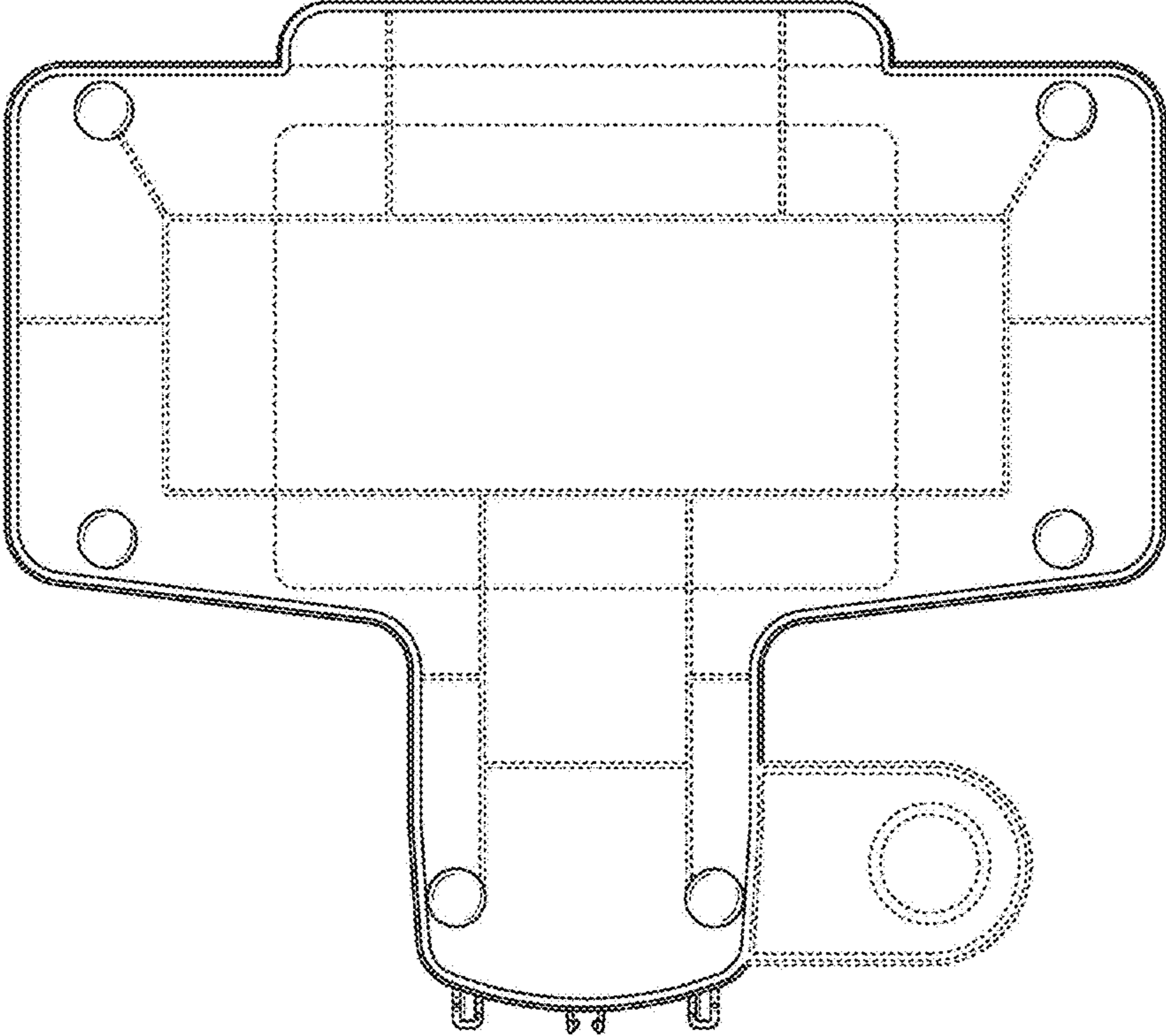


FIG.6

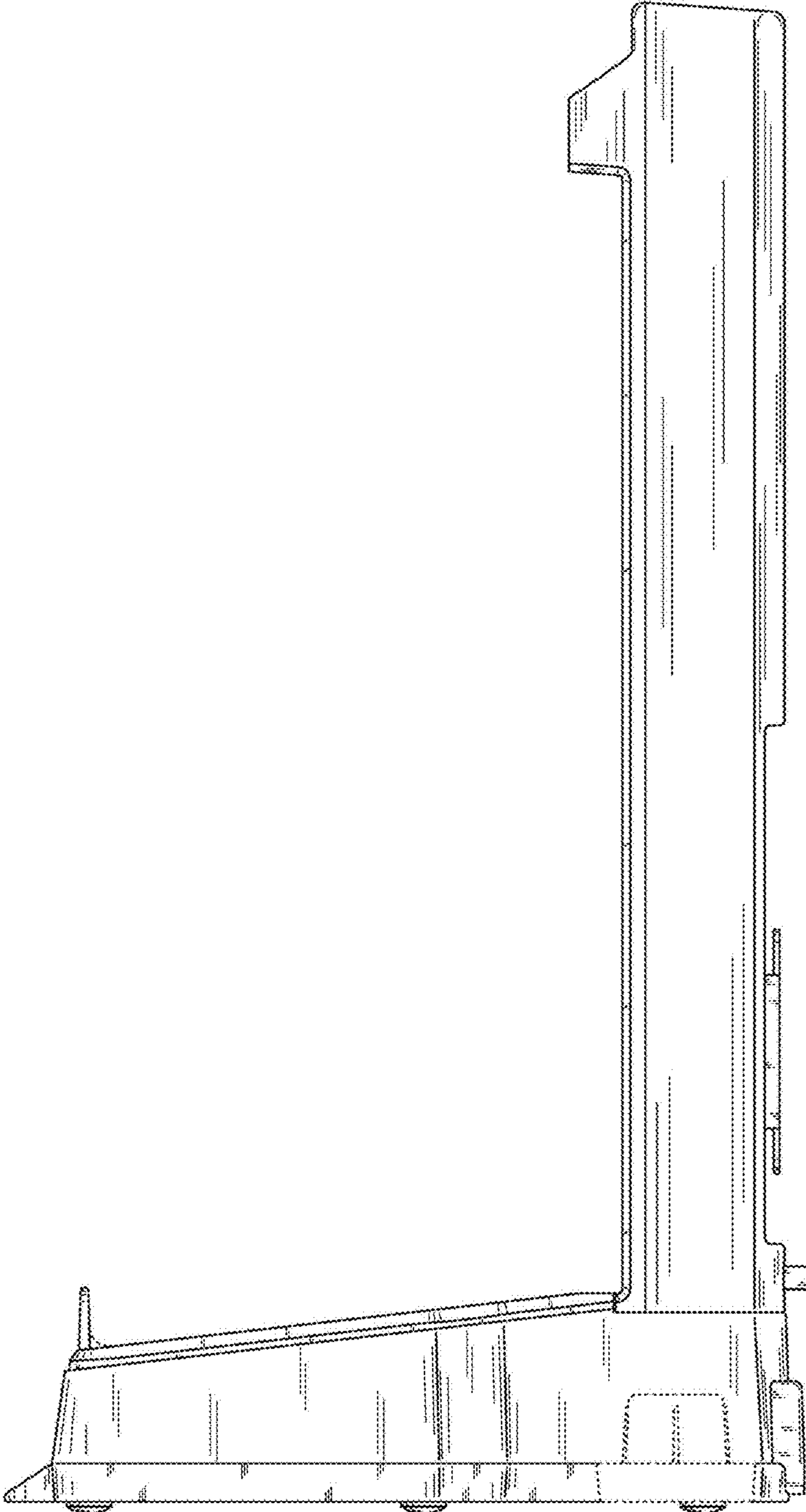




FIG.7

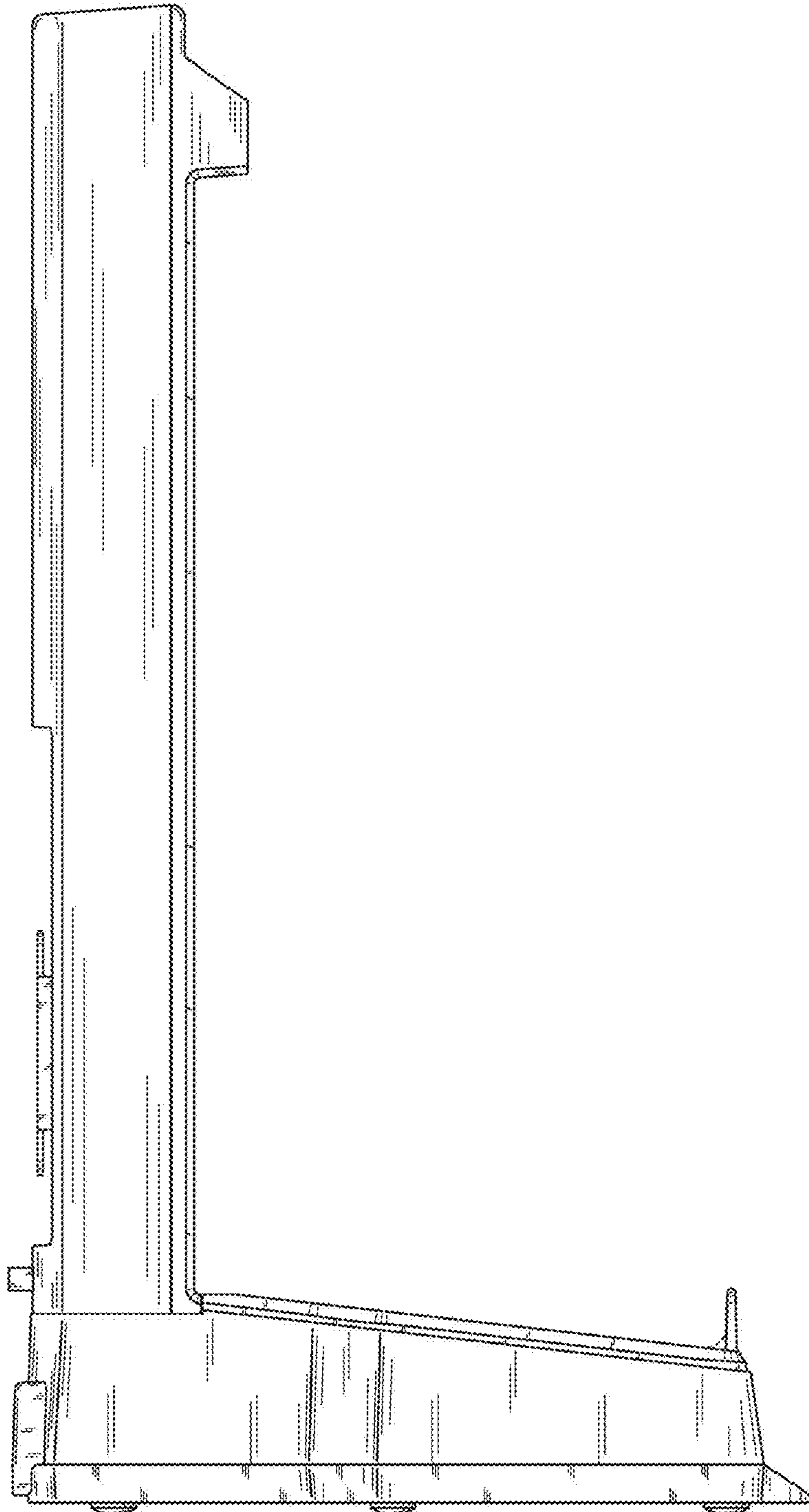


FIG.8

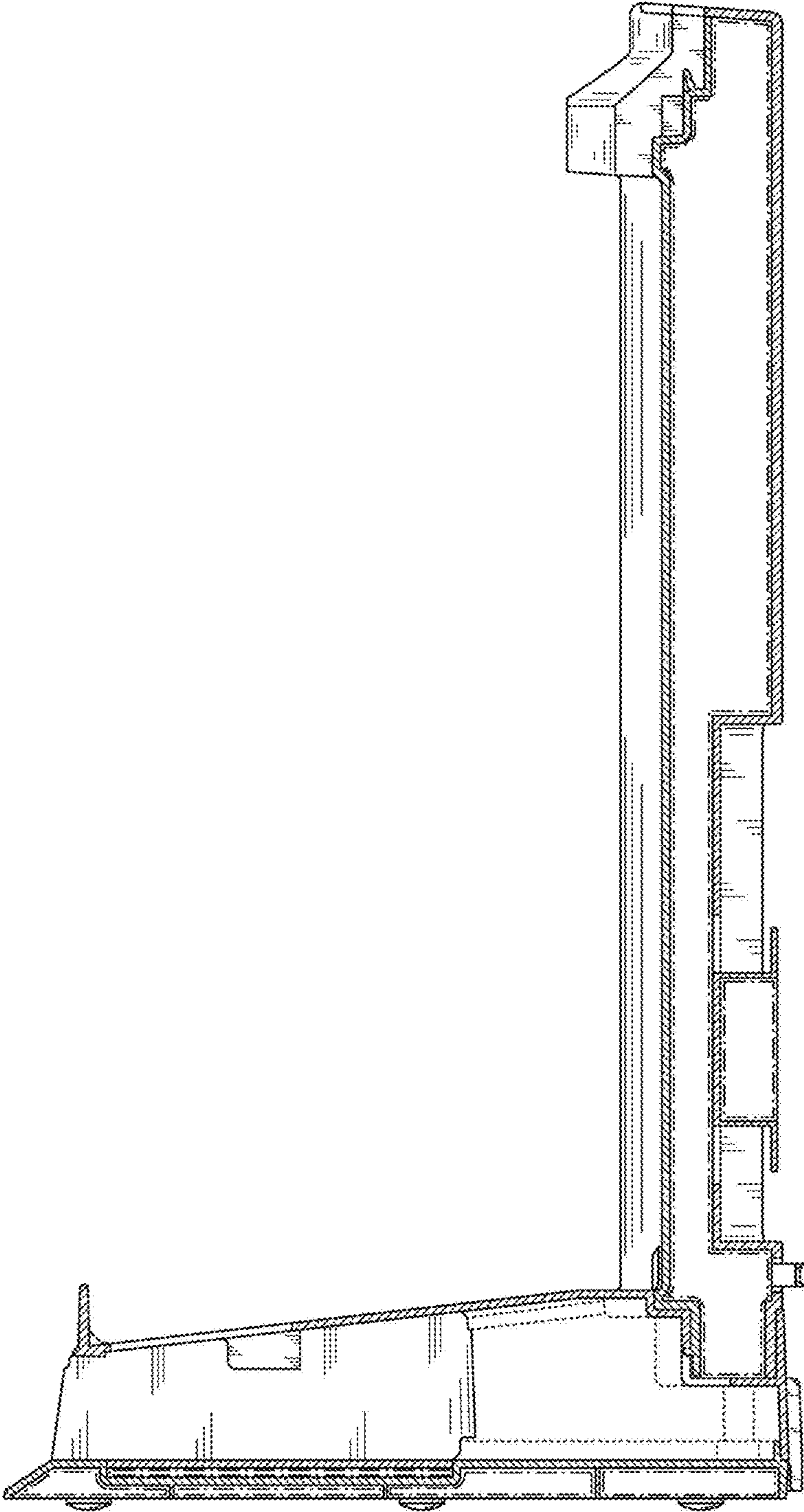


FIG.9

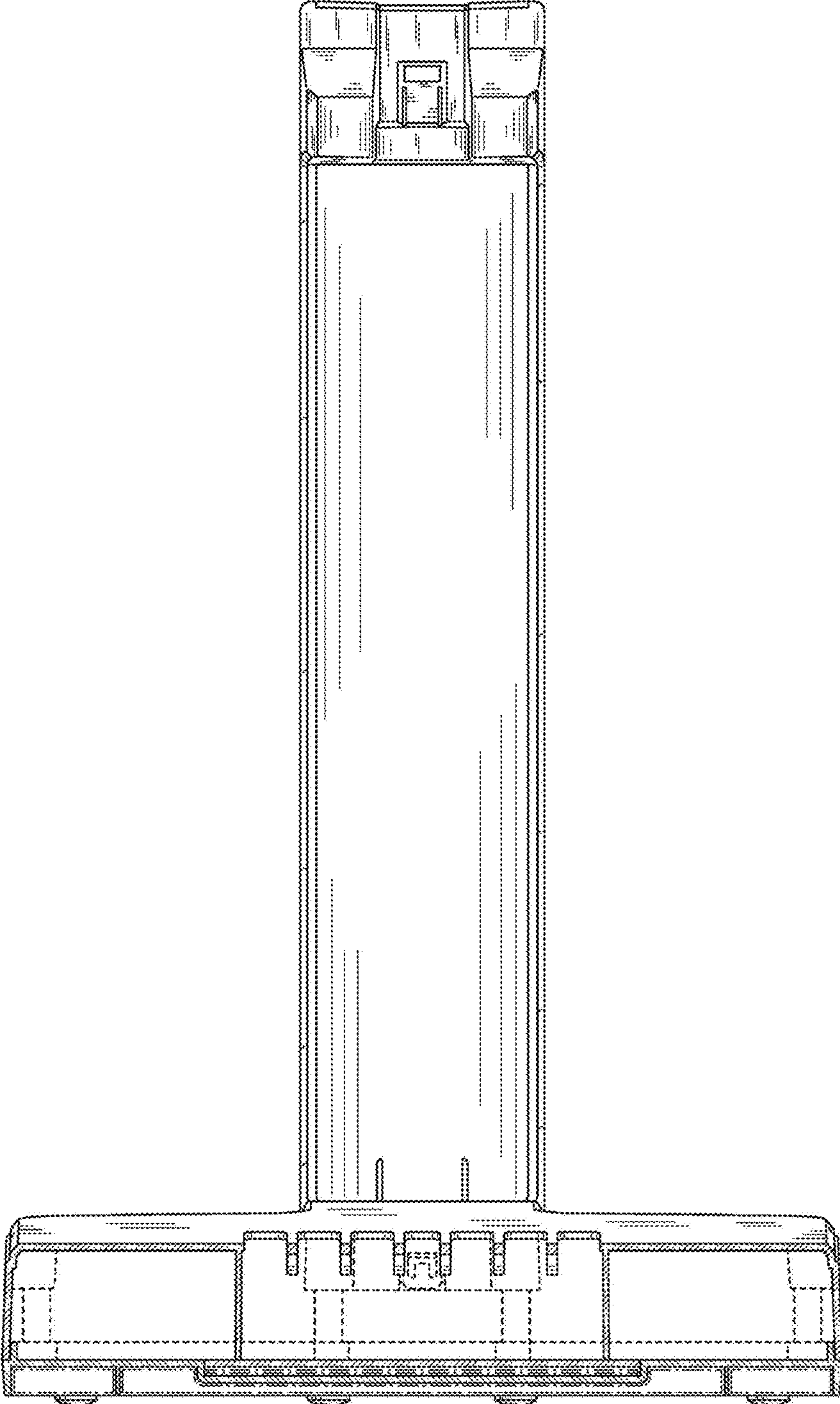


FIG. 10

