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

(10) **Patent No.:** **US D622,576 S**
(45) **Date of Patent:** **** Aug. 31, 2010**

(54) **DETENT HINGE HAVING SPRING-BASED AXIALLY AND PIVOTALLY MOVABLE HINGE HALVES**

DESCRIPTION

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

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(51) **LOC (9) Cl.** **08-06**

(52) **U.S. Cl.** **D8/328**

(58) **Field of Classification Search** D8/328,
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D8/338; D16/334; 4/236, 240; 16/309,
16/235, 275, 244, 379, 390, 430, 241, 238,
16/245, 236, 243, 242, 385, 225, 250; 49/381;
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33/365-390; D3/905

See application file for complete search history.

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(57) **CLAIM**

I claim the ornamental design for a detent hinge having spring-biased axially and pivotally movable hinge halves, as shown and described.

FIG. 1 is a perspective view of one embodiment of our invention showing mainly front features, with left and right hinge halves pivoted to an open orientation;

FIG. 2 is a perspective view thereof showing mainly rear features;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a right side view of thereof;

FIG. 6 is a left side view thereof;

FIG. 7 is a top view thereof;

FIG. 8 is a bottom view thereof;

FIG. 9 is a perspective view of the same hinge shown in FIGS. 1-8, but with left and right hinge halves thereof pivoted to a closed orientation, and showing mainly rear features of a left hinge half thereof;

FIG. 10 is a perspective view thereof showing mainly rear features of a right hinge half thereof;

FIG. 11 is a rear elevational view thereof showing mainly features of the left hinge half;

FIG. 12 is a rear elevational view thereof showing mainly features of the right hinge half;

FIG. 13 is a right side view of the hinge embodiment as depicted in FIG. 1;

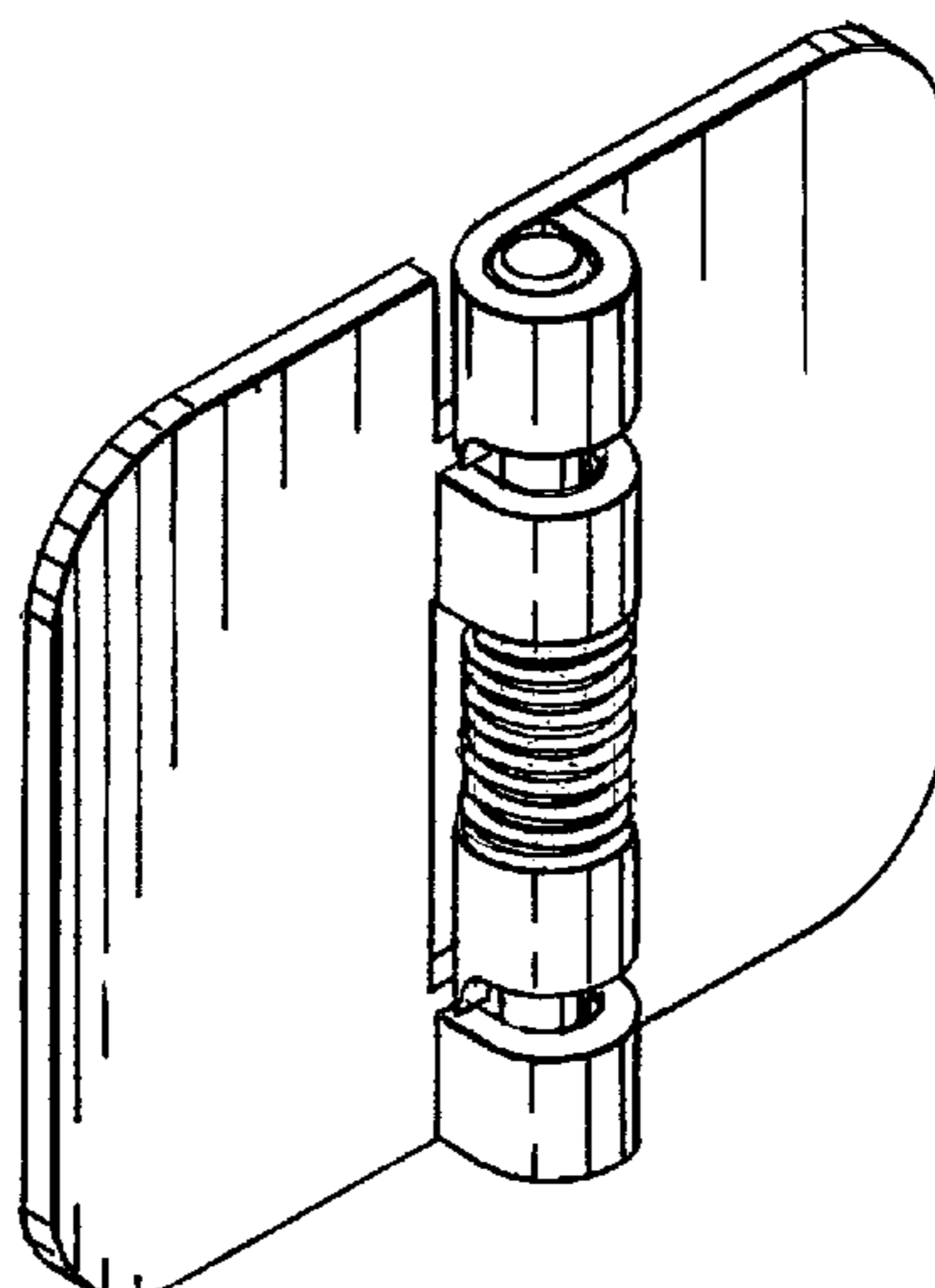
FIG. 14 is a left side view thereof;

FIG. 15 is a top view thereof; and,

FIG. 16 is a bottom view thereof.

The hinge design includes appearance features of a detent hinge that has left and right hinge halves, with interleaved elements of the hinge halves wrapped in pairs about a hinge pin which extends through a compression spring at a central location along the hinge pin, and with segments of the hinge pin being viewable between adjacent coils of the compression spring.

1 Claim, 4 Drawing Sheets



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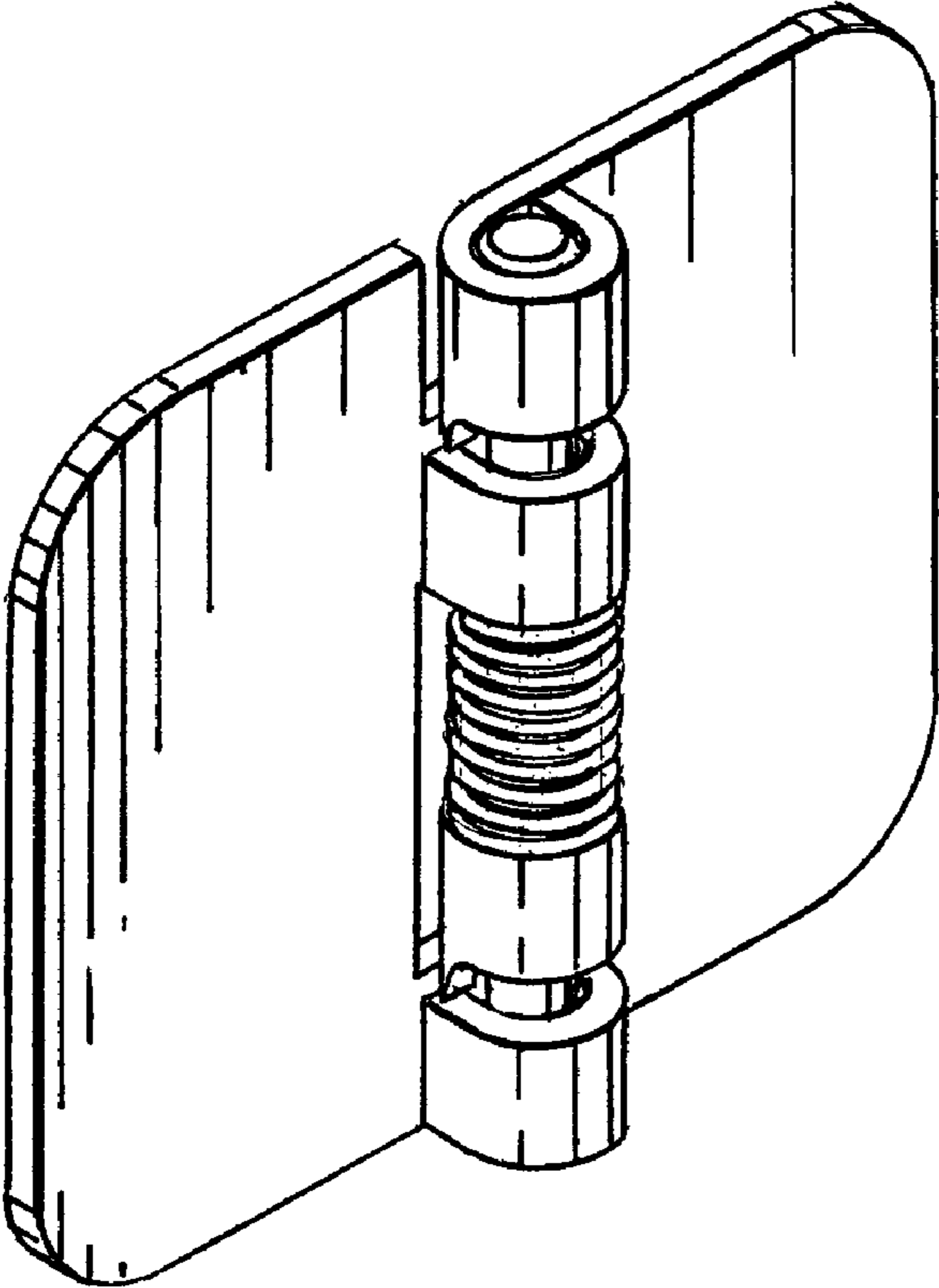


FIG. 1

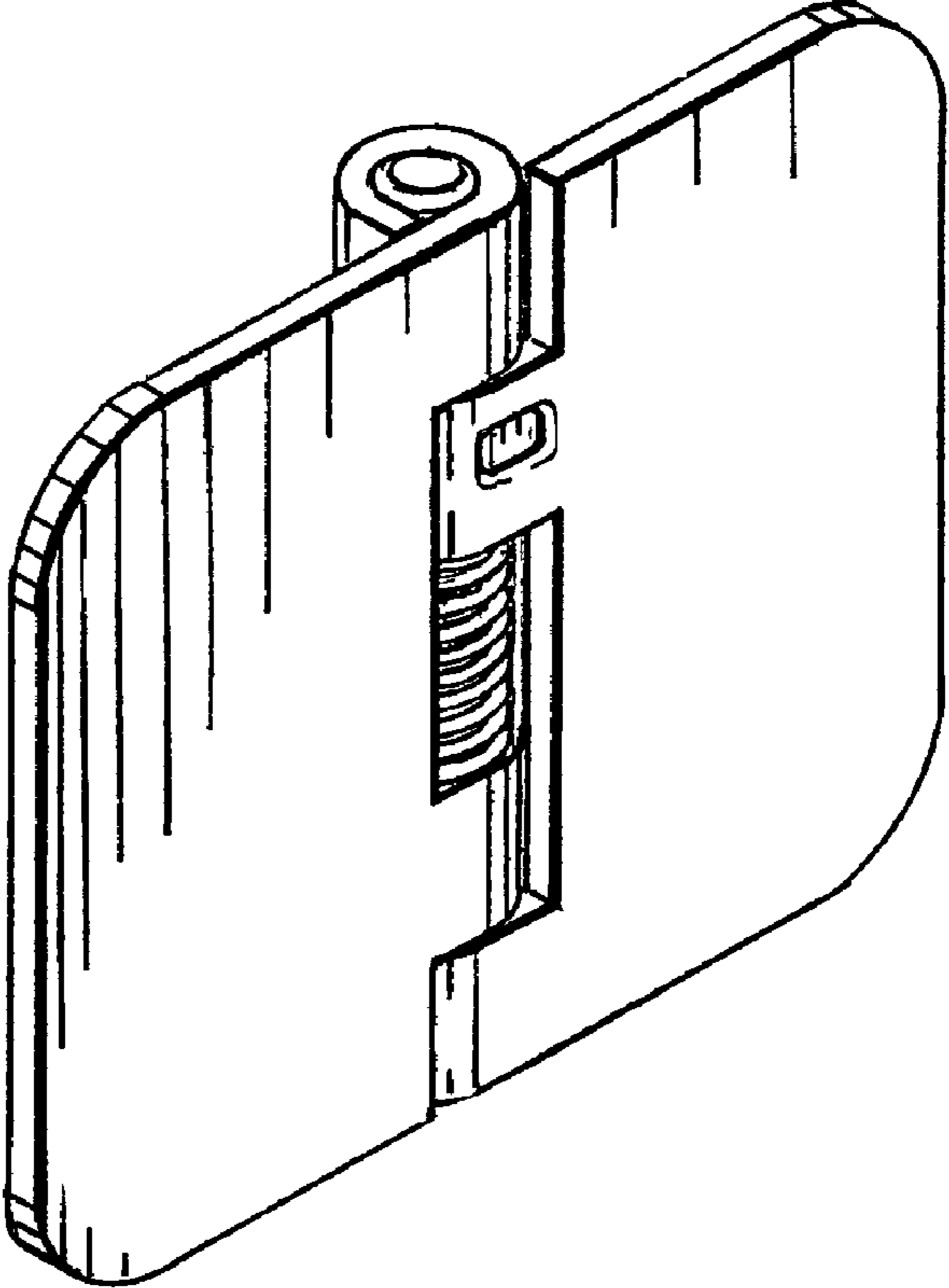


FIG. 2

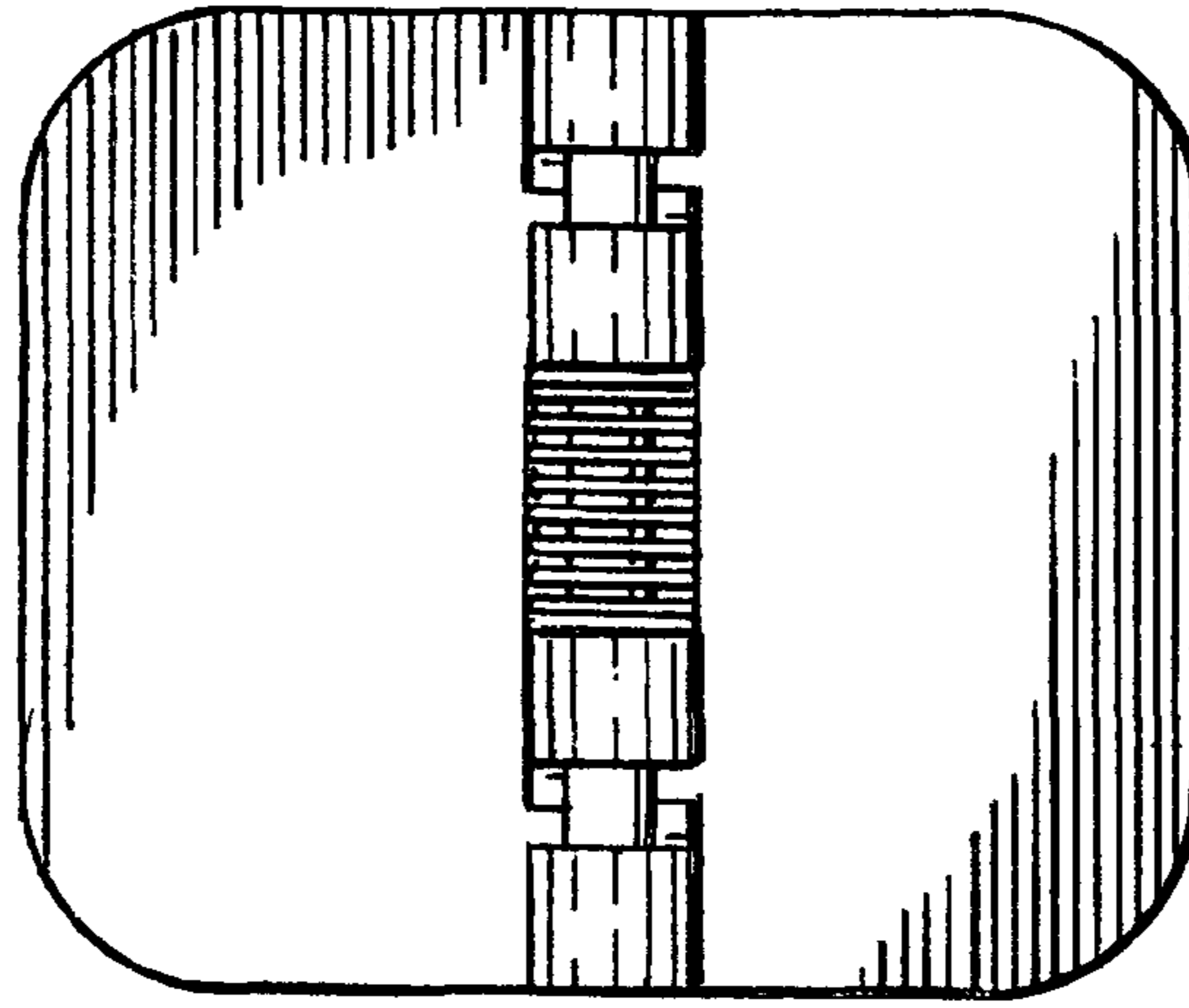


FIG. 3

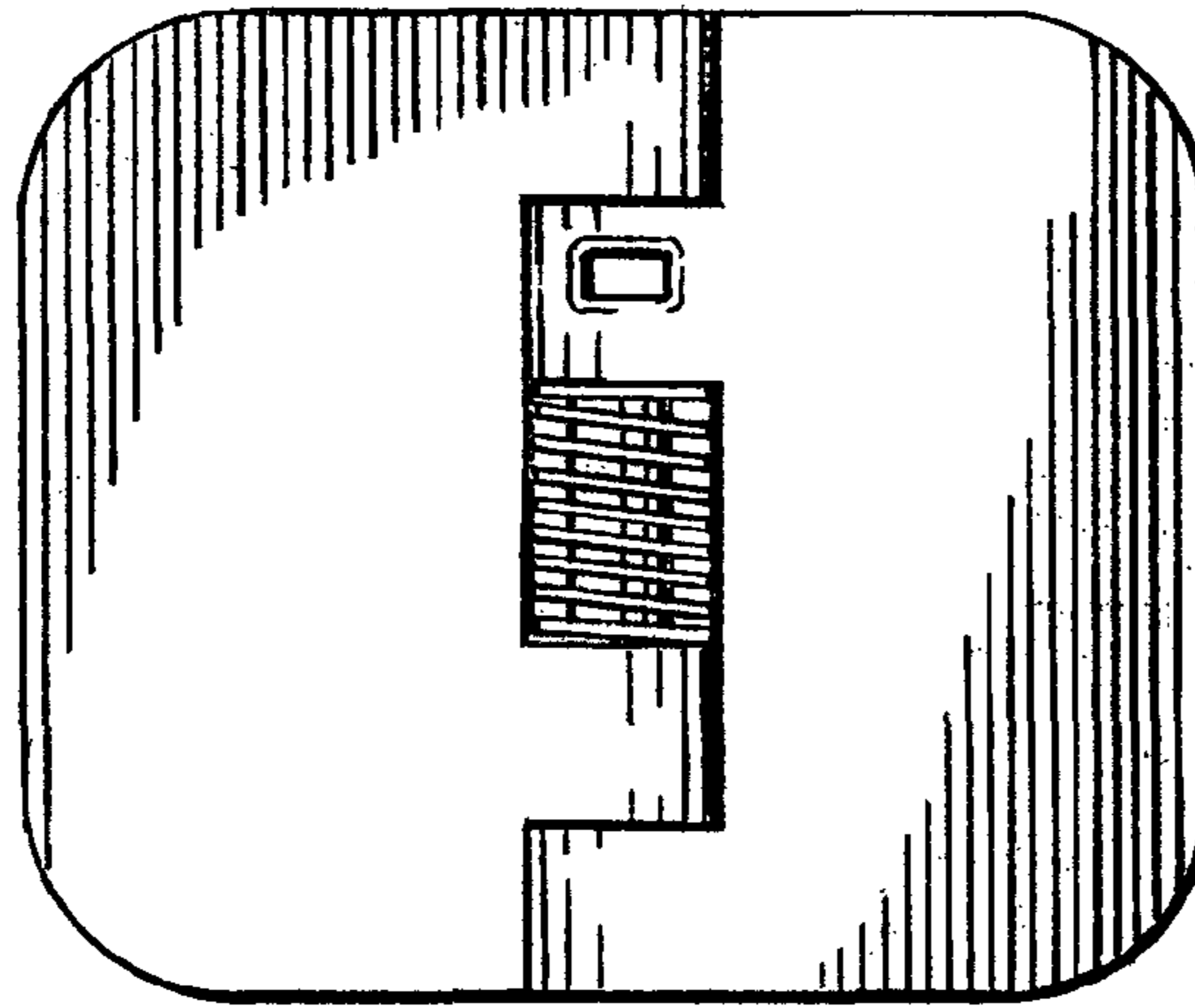


FIG. 4



FIG. 5



FIG. 6



FIG. 7



FIG. 8

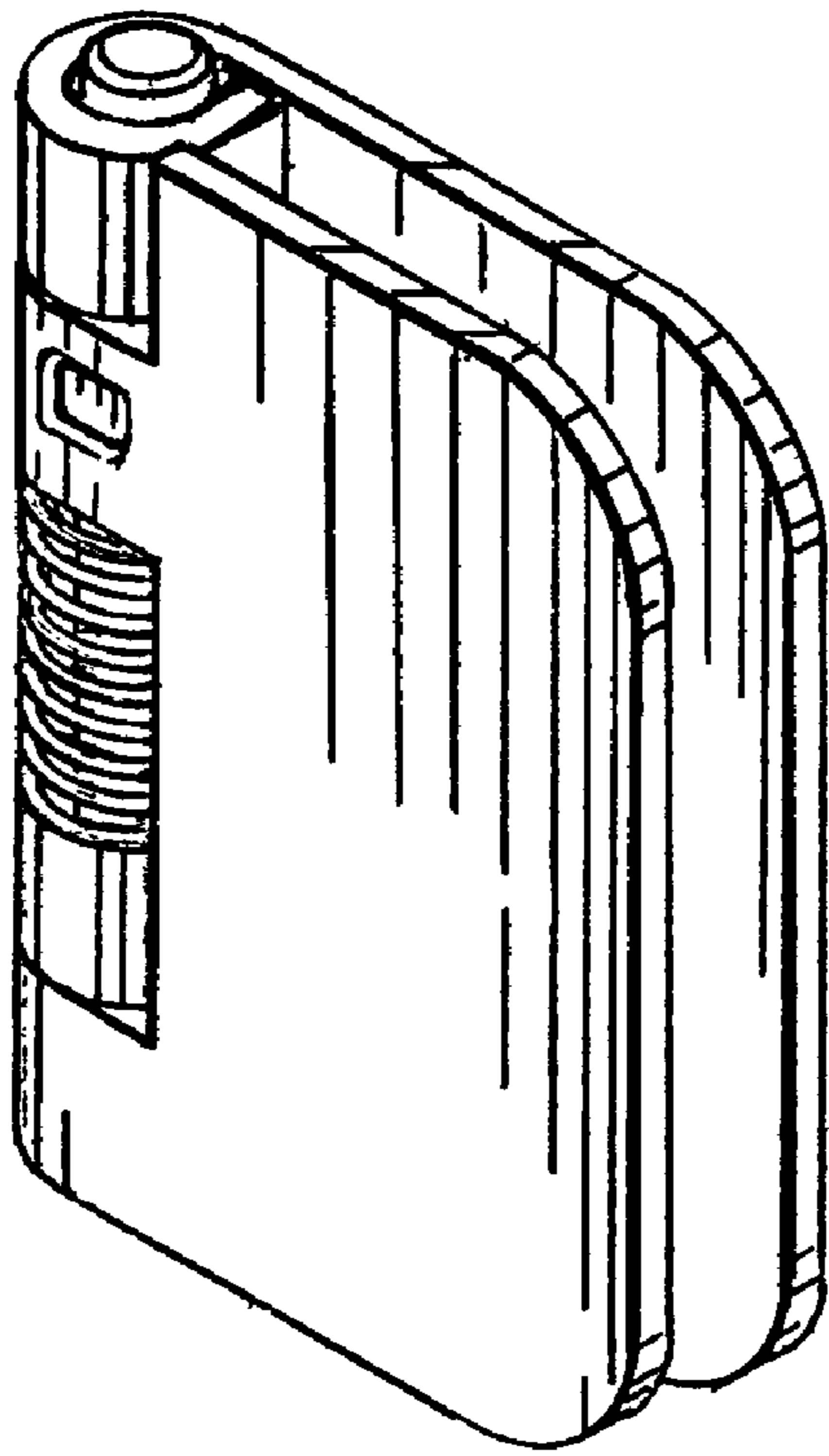


FIG. 9

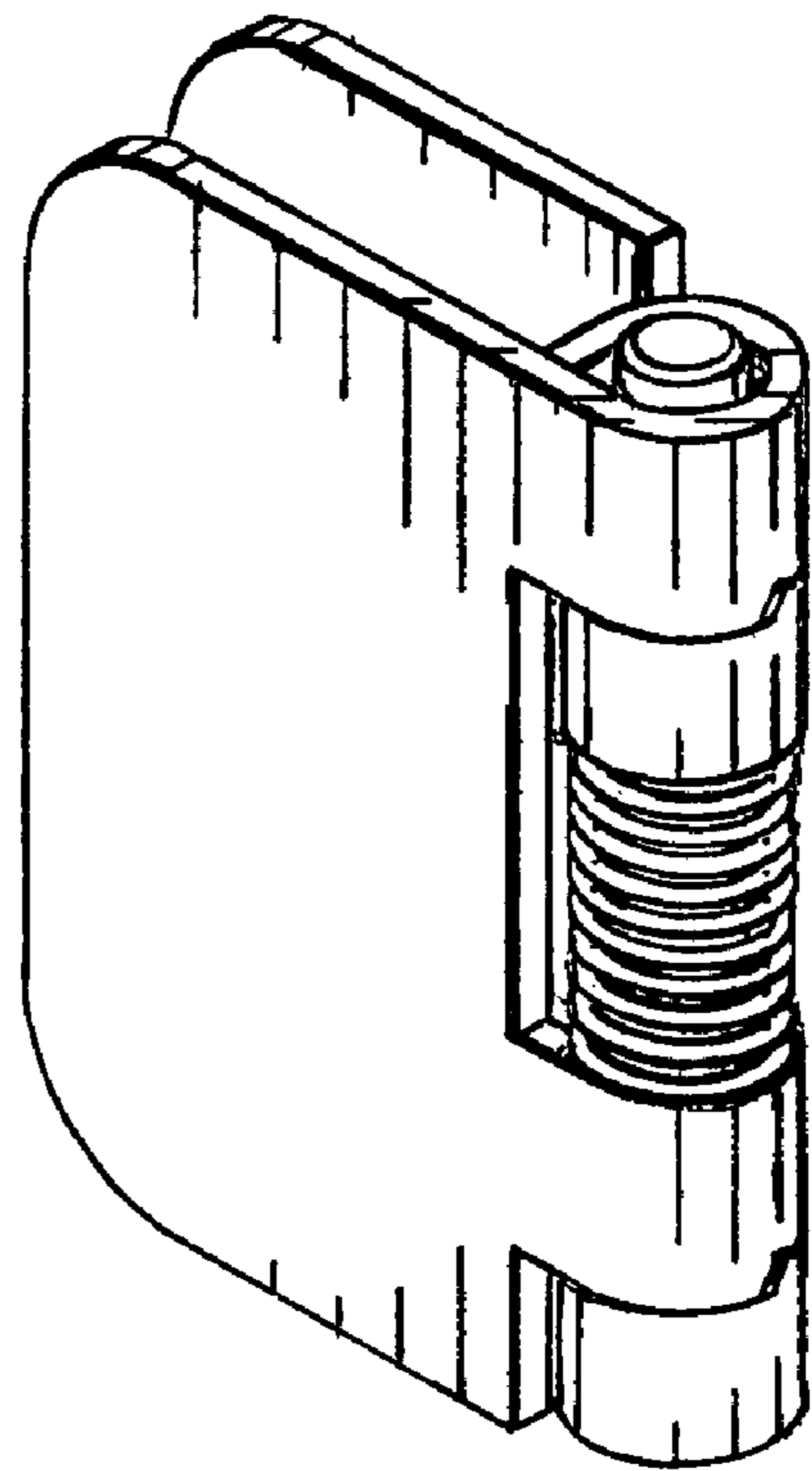


FIG. 10

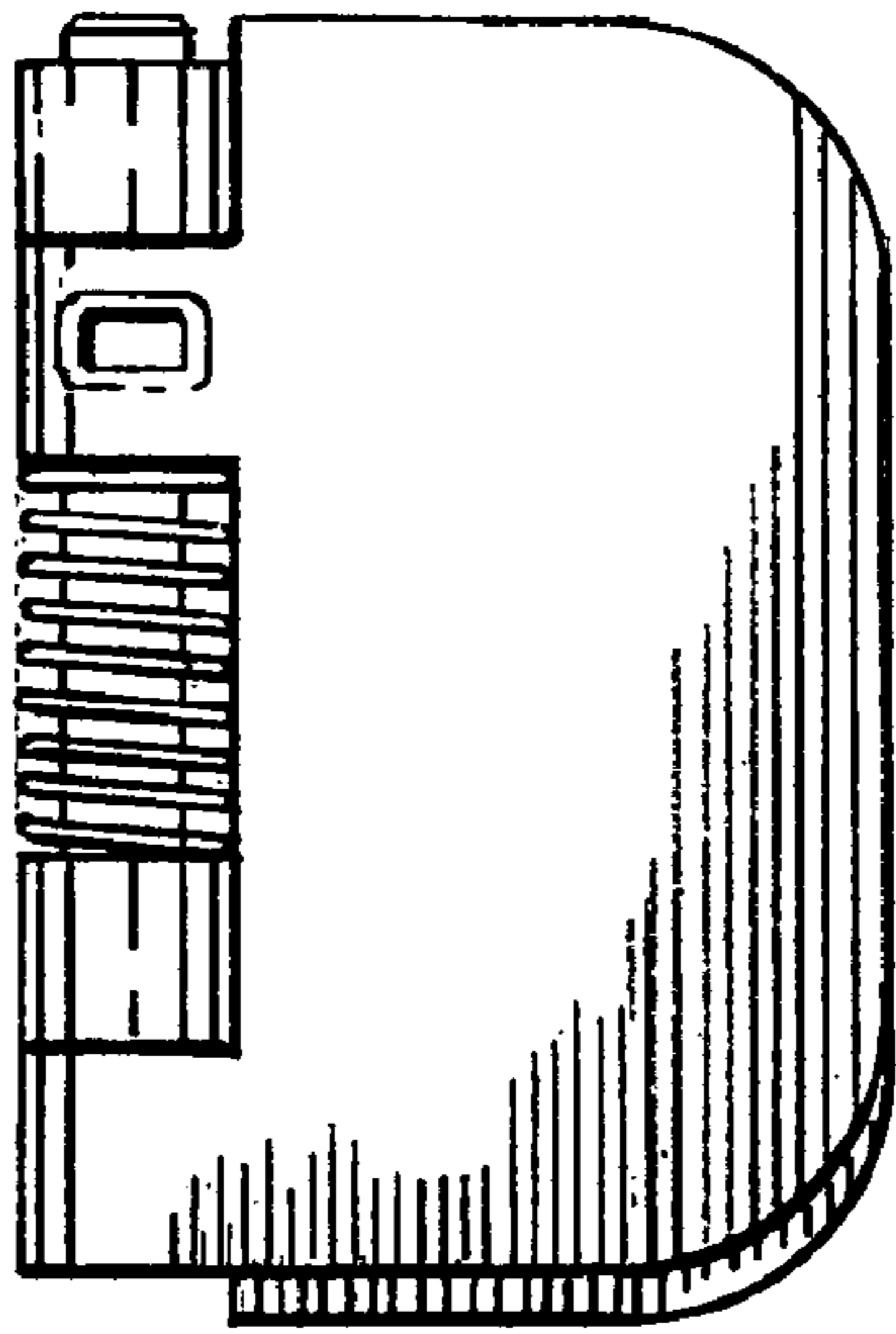


FIG. 11

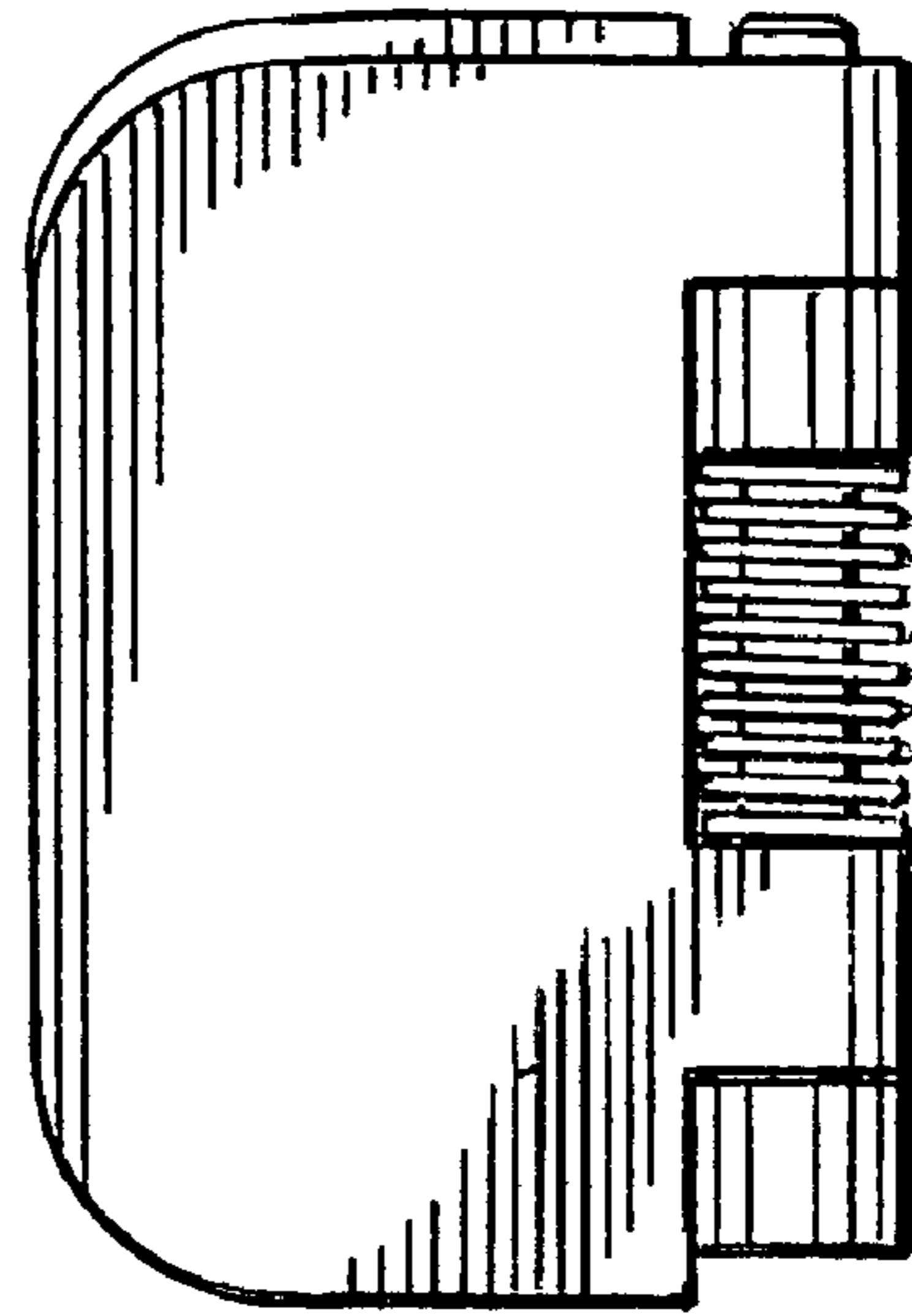


FIG. 12



FIG. 13



FIG. 14

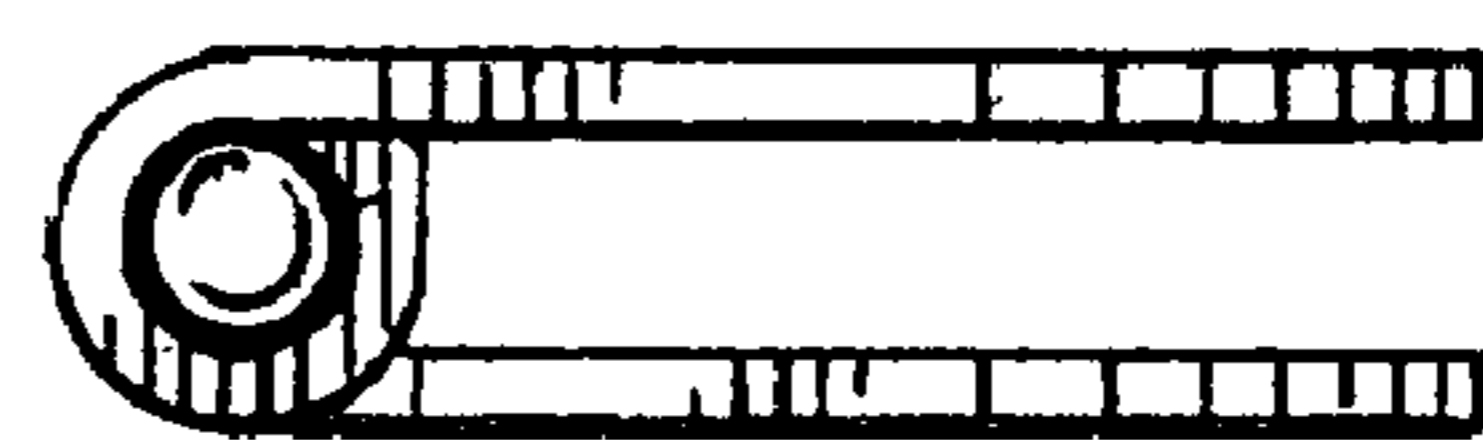


FIG. 15

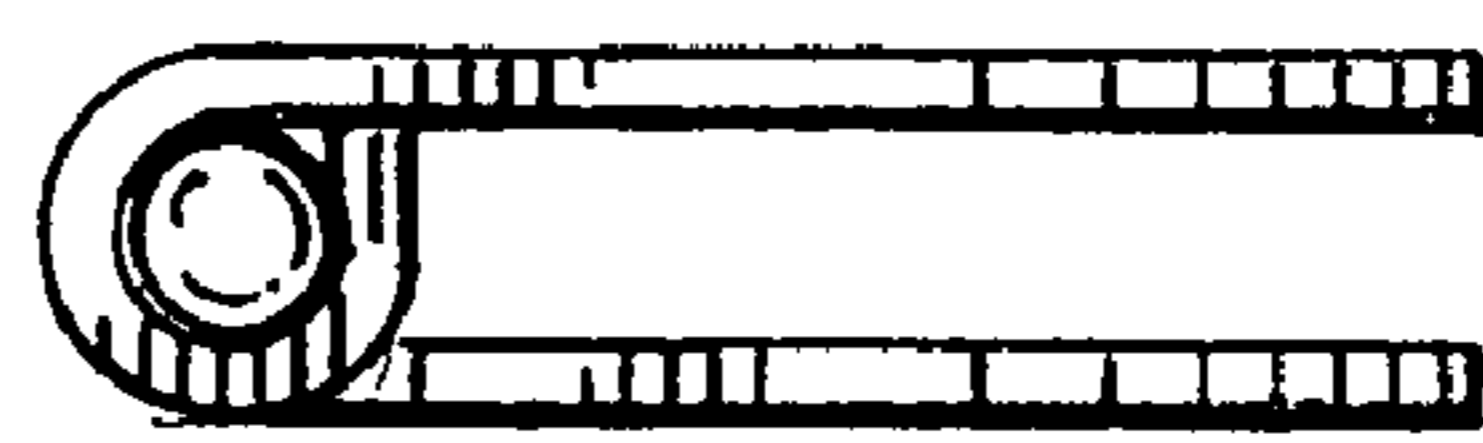


FIG. 16