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

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(54) **FOLDING STRUCTURE**

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(51) **LOC (9) Cl.** ..... **21-01**

(52) **U.S. Cl.** ..... **D21/511; D9/636**

(58) **Field of Classification Search** ..... D21/483,  
D21/506, 511, 548; D6/450; D3/271.6;  
D7/354; D9/432, 433, 636, 637; D30/108,  
D30/119, 120, 161; 52/64, 66, 70; 119/168,  
119/498, 499; 229/108, 108.1, 120.1; 446/108,  
446/109, 110, 112, 476, 478

See application file for complete search history.

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(57) **CLAIM**

I claim the ornamental design for a folding structure, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a folding structure, illustrated in an assembled configuration with a roof section in a raised position, showing my new design;

FIG. 2 is a rear perspective view thereof, the roof section illustrated in a lowered position;

FIG. 3 is a front elevational view thereof, the roof section illustrated in the lowered position;

FIG. 4 is a rear elevational view thereof, the roof section illustrated in the lowered position;

FIG. 5 is a left-side elevational view thereof, the roof section illustrated in the lowered position, the right-side elevational view being a mirror image thereof;

FIG. 6 is a top plan view thereof, the roof section illustrated in the lowered position;

FIG. 7 is a bottom plan view thereof, the roof section illustrated in the lowered position;

FIG. 8 is an exploded perspective view thereof showing the side wall sections in a partially extended configuration;

FIG. 9 is an exploded perspective view thereof showing the side wall sections in a fully extended configuration;

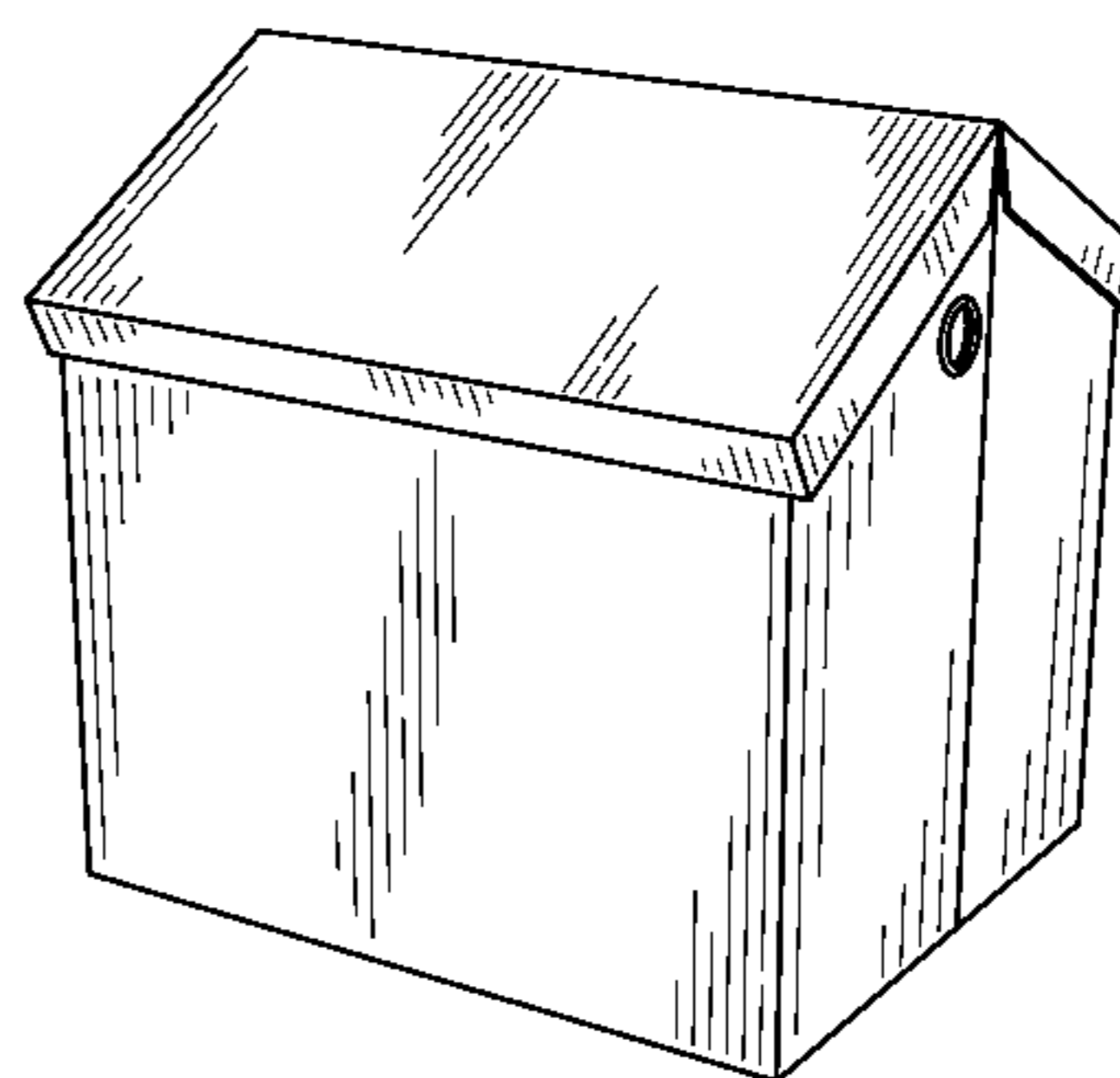
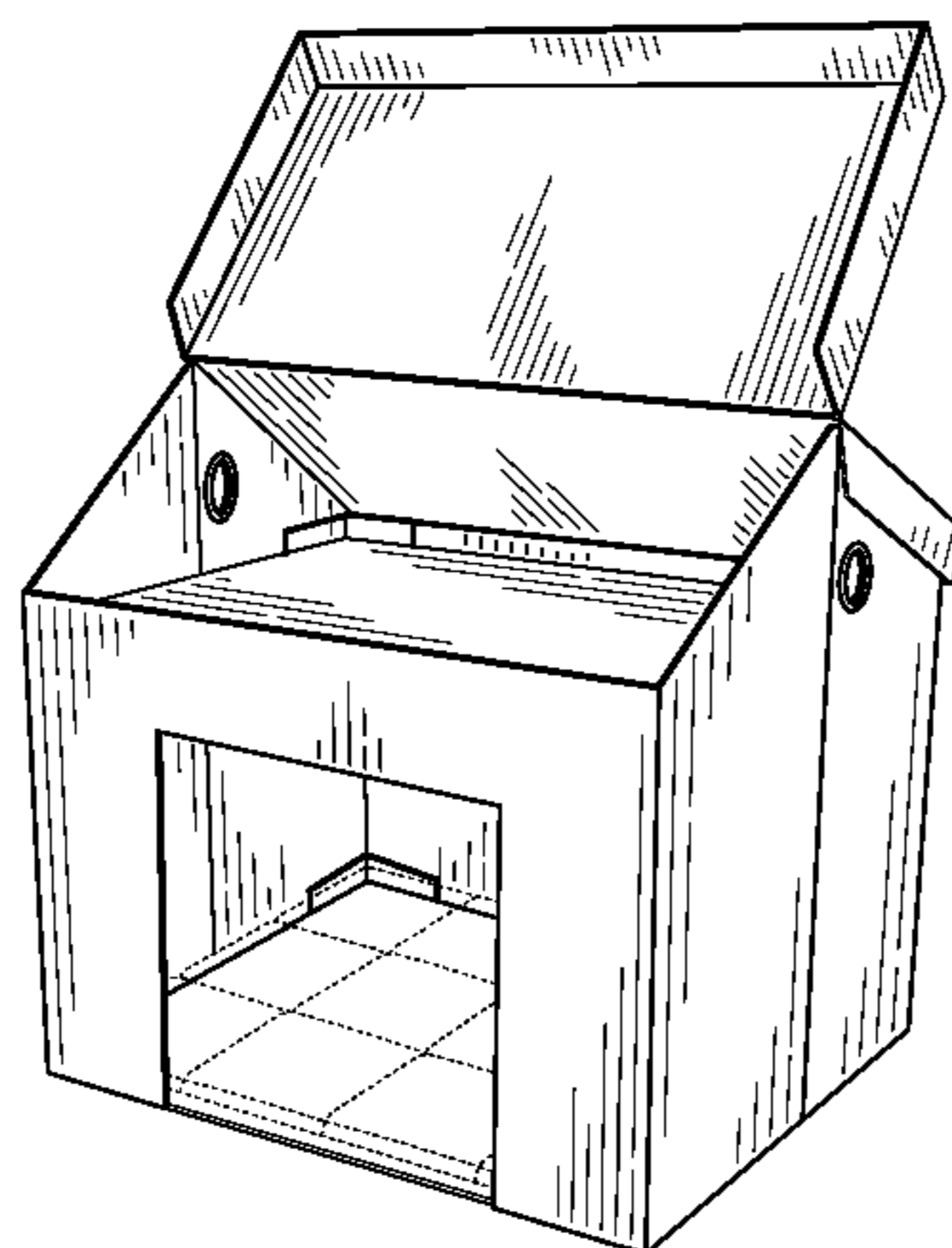
FIG. 10 is a partially exploded perspective view thereof, showing the roof section exploded away from the wall section;

FIG. 11 is an environmental perspective view thereof, illustrated in a fully collapsed configuration; and,

FIG. 12 is an enlarged perspective view thereof, illustrated in the fully collapsed configuration.

The broken-lined pad and bag in FIGS. 1, 3, 8, 9, 10 & 11 illustrates the environment in which the design resides and forms no part of the claim.

**1 Claim, 7 Drawing Sheets**



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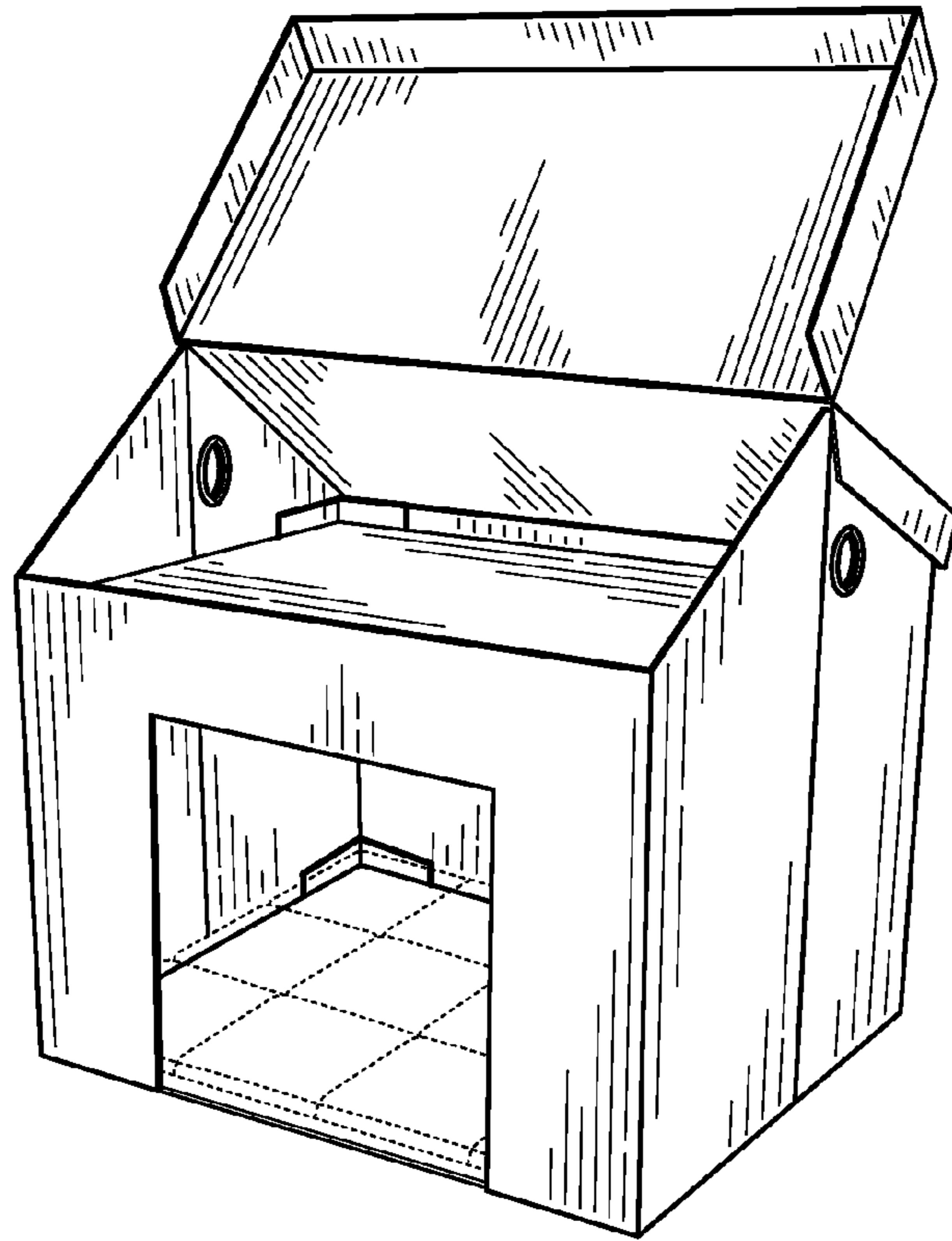


FIG. 1

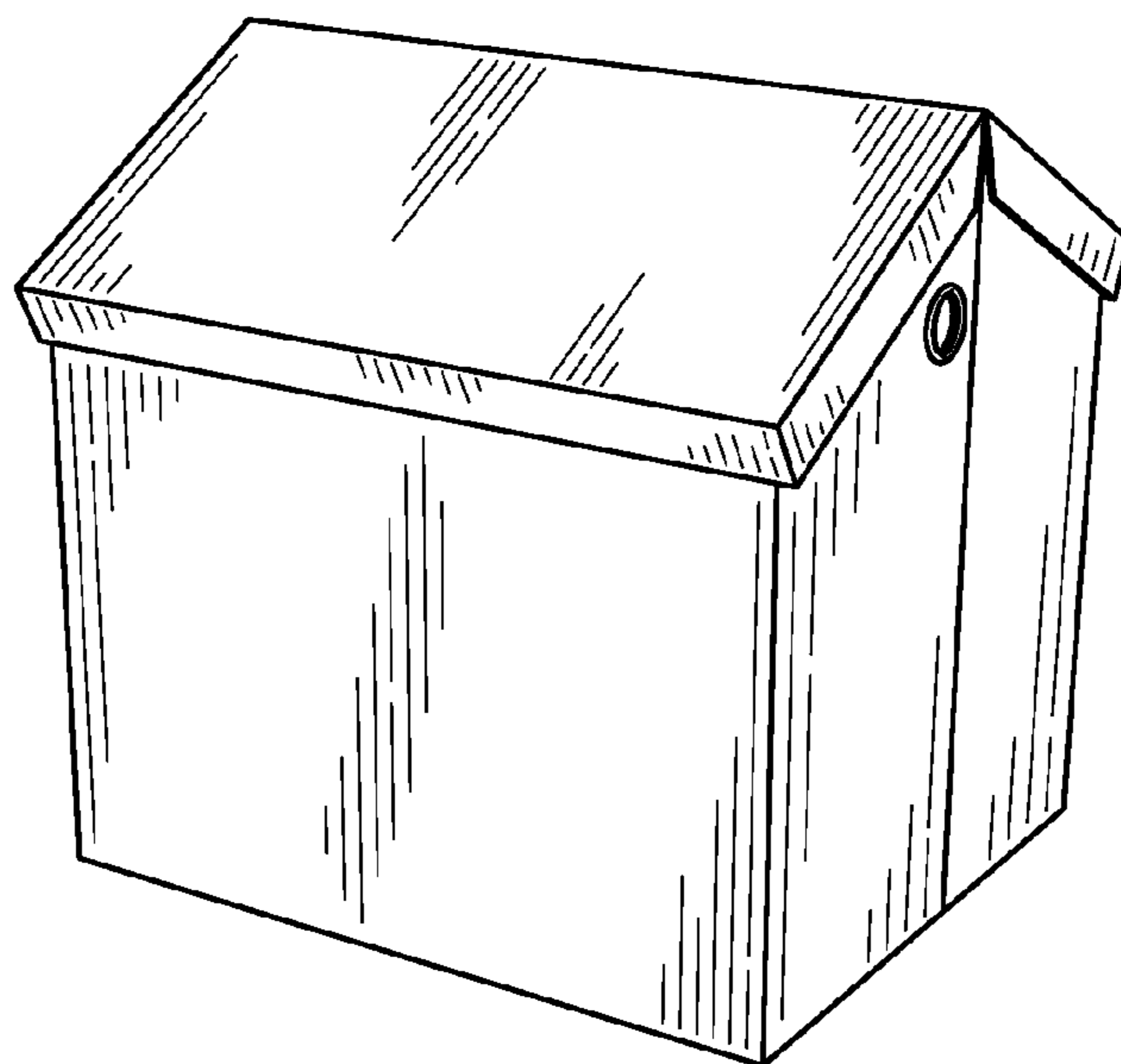


FIG. 2

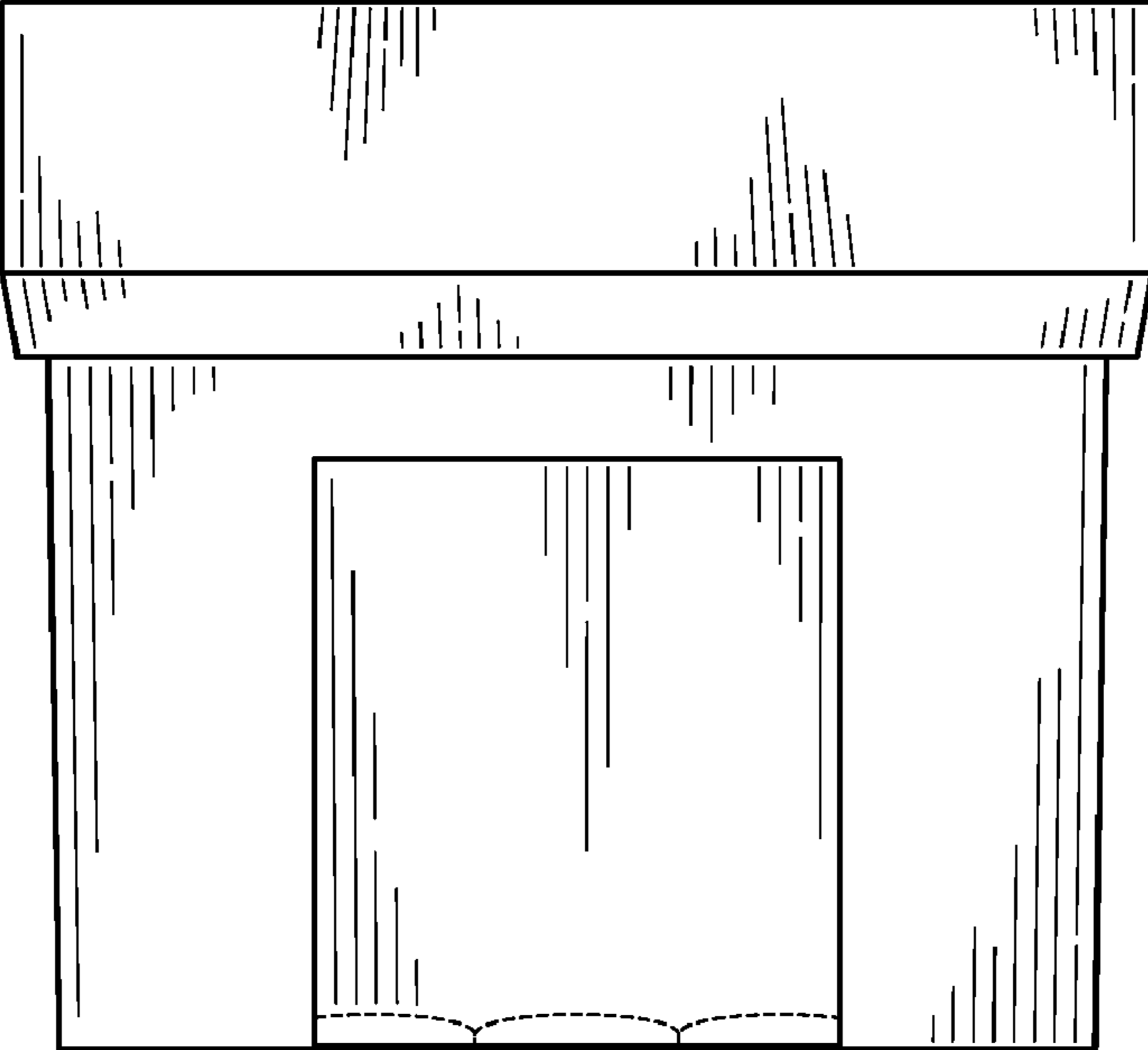


FIG. 3

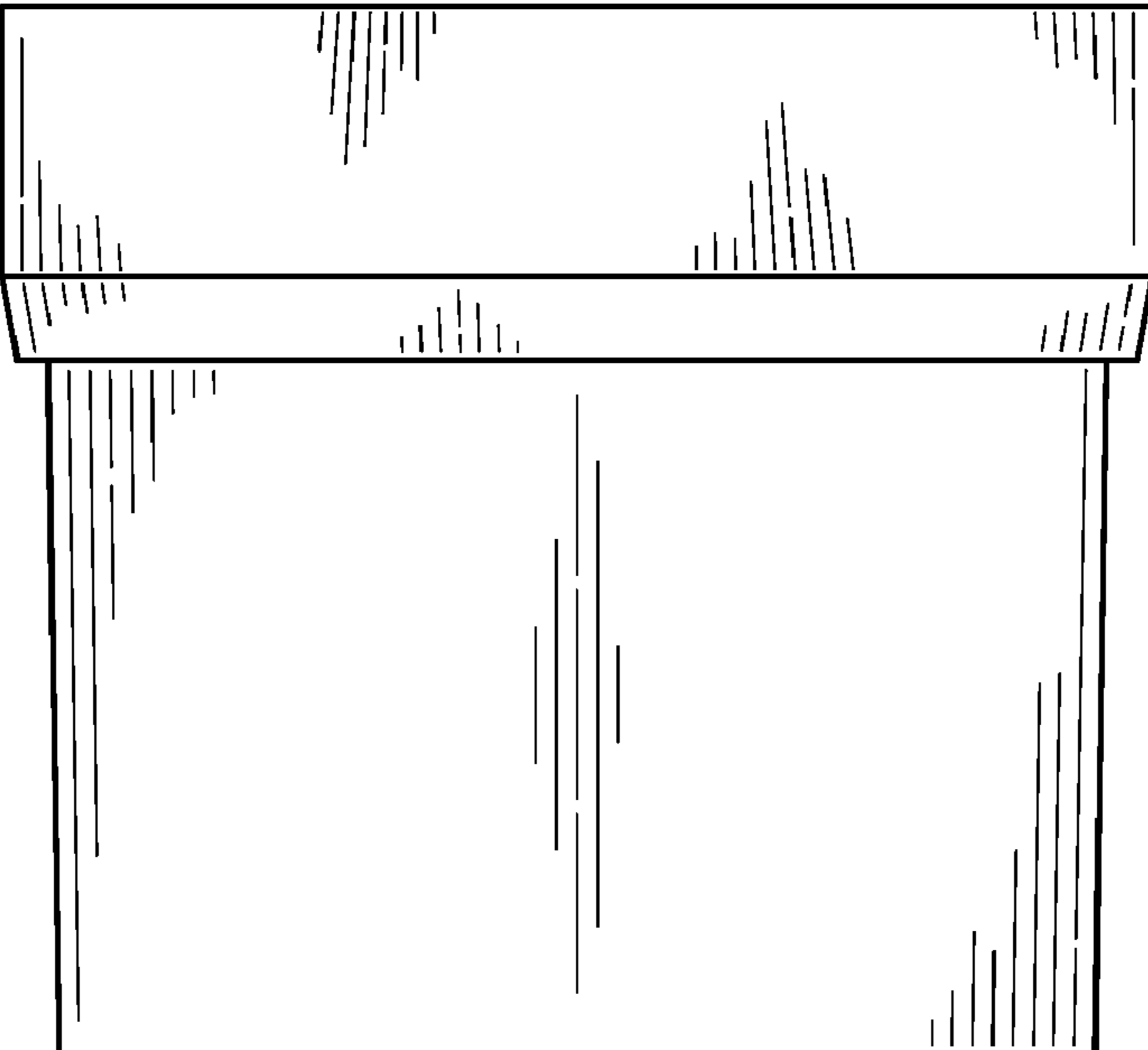


FIG. 4

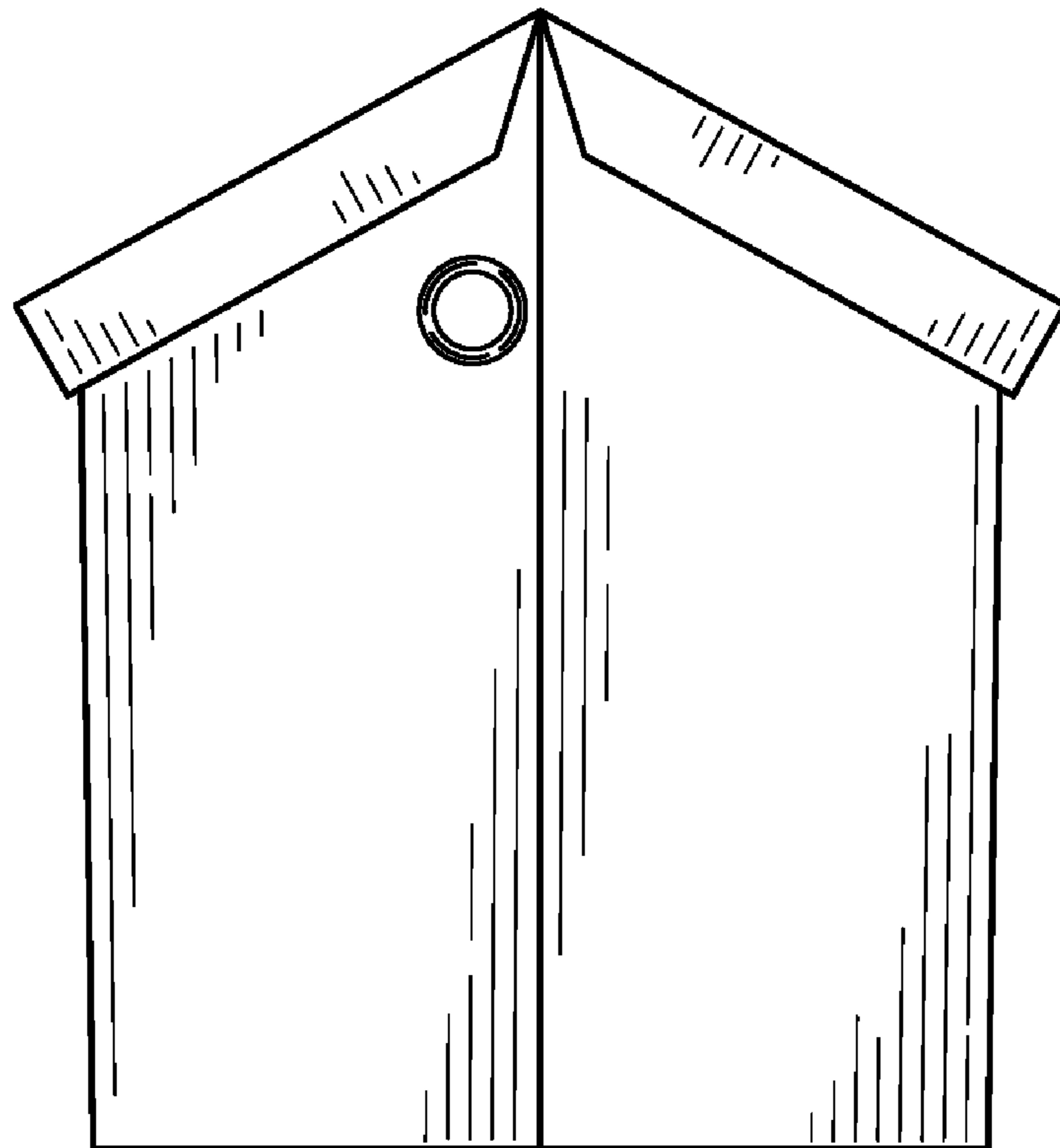


FIG. 5

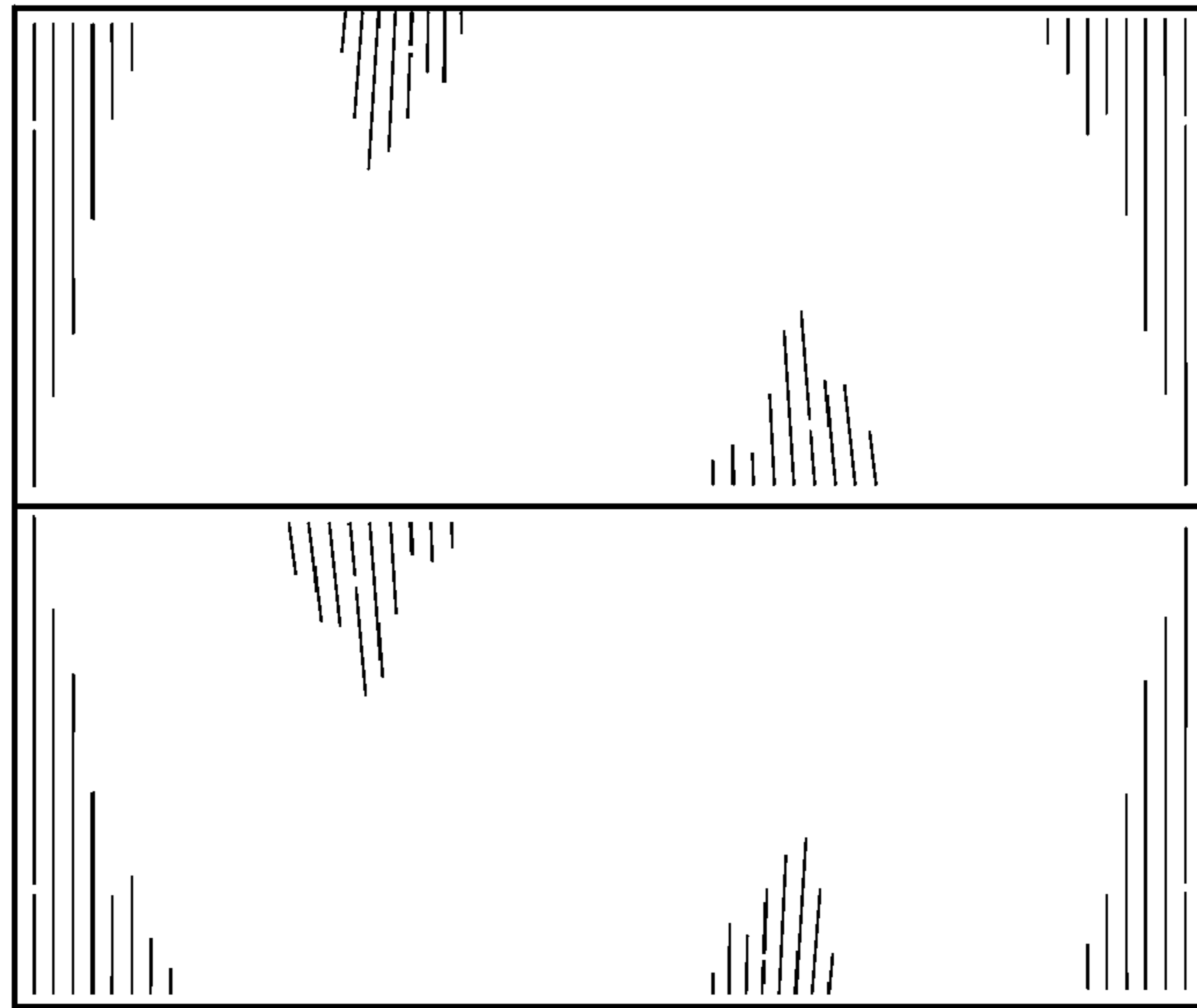


FIG. 6

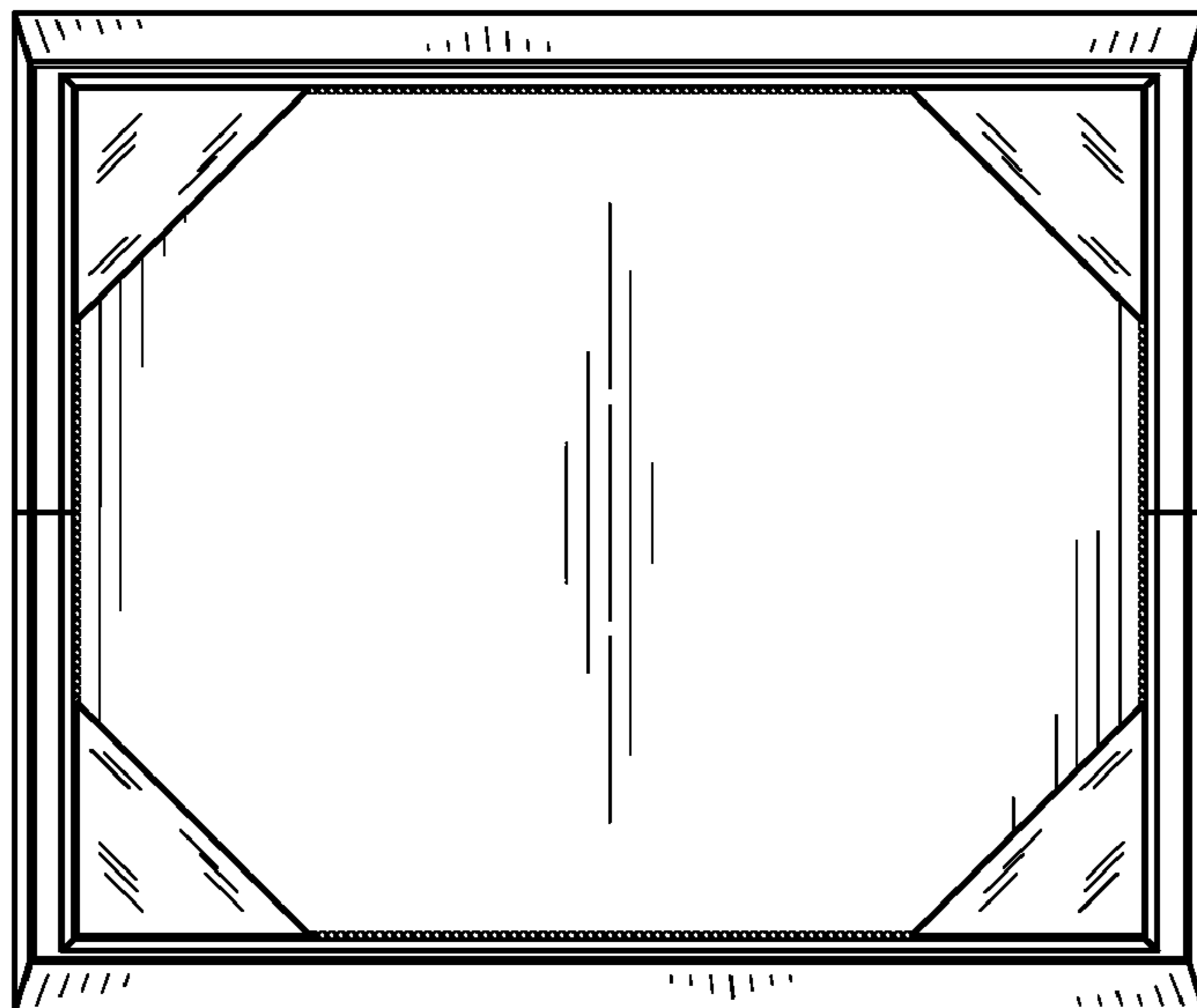


FIG. 7

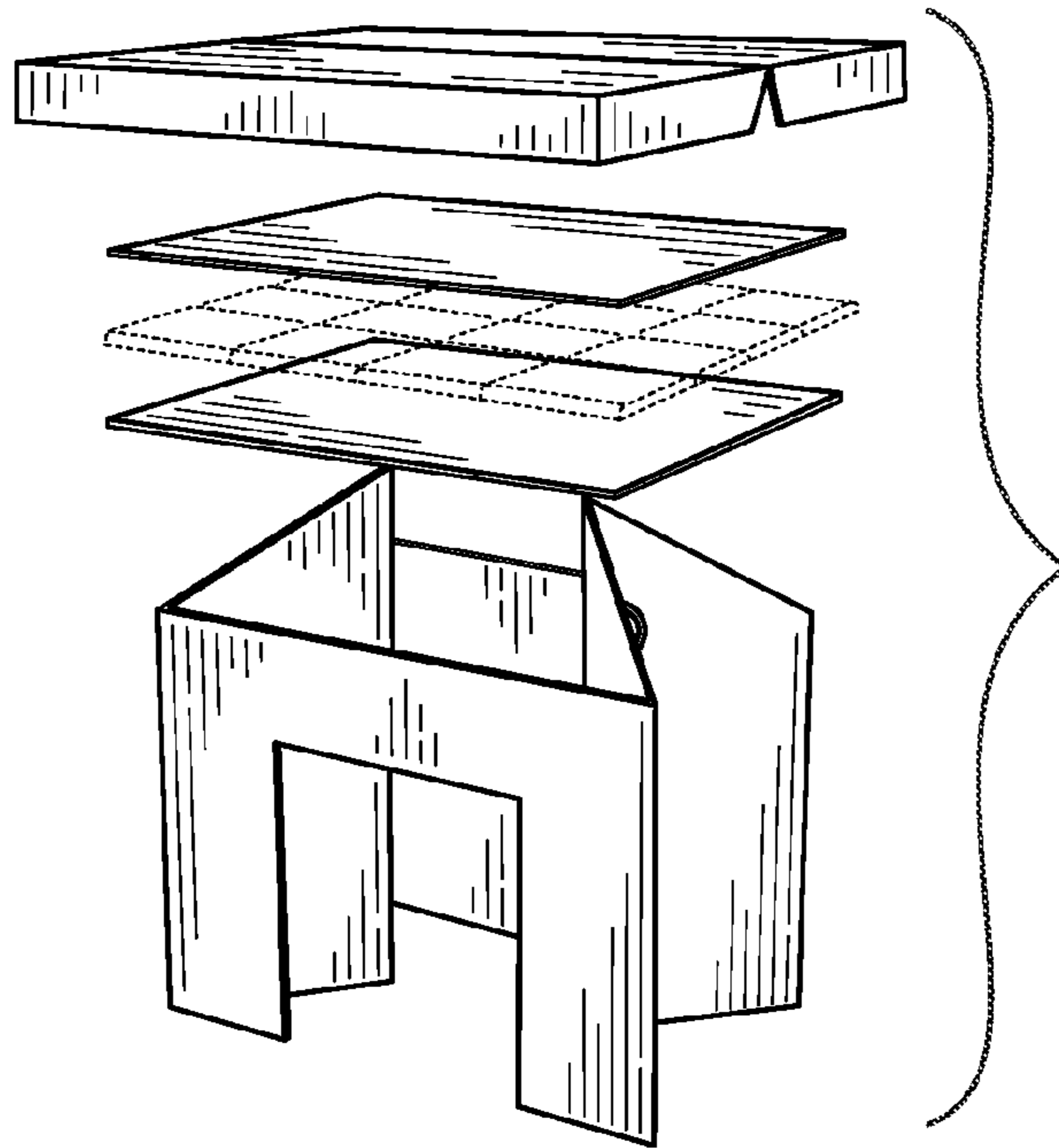


FIG. 8

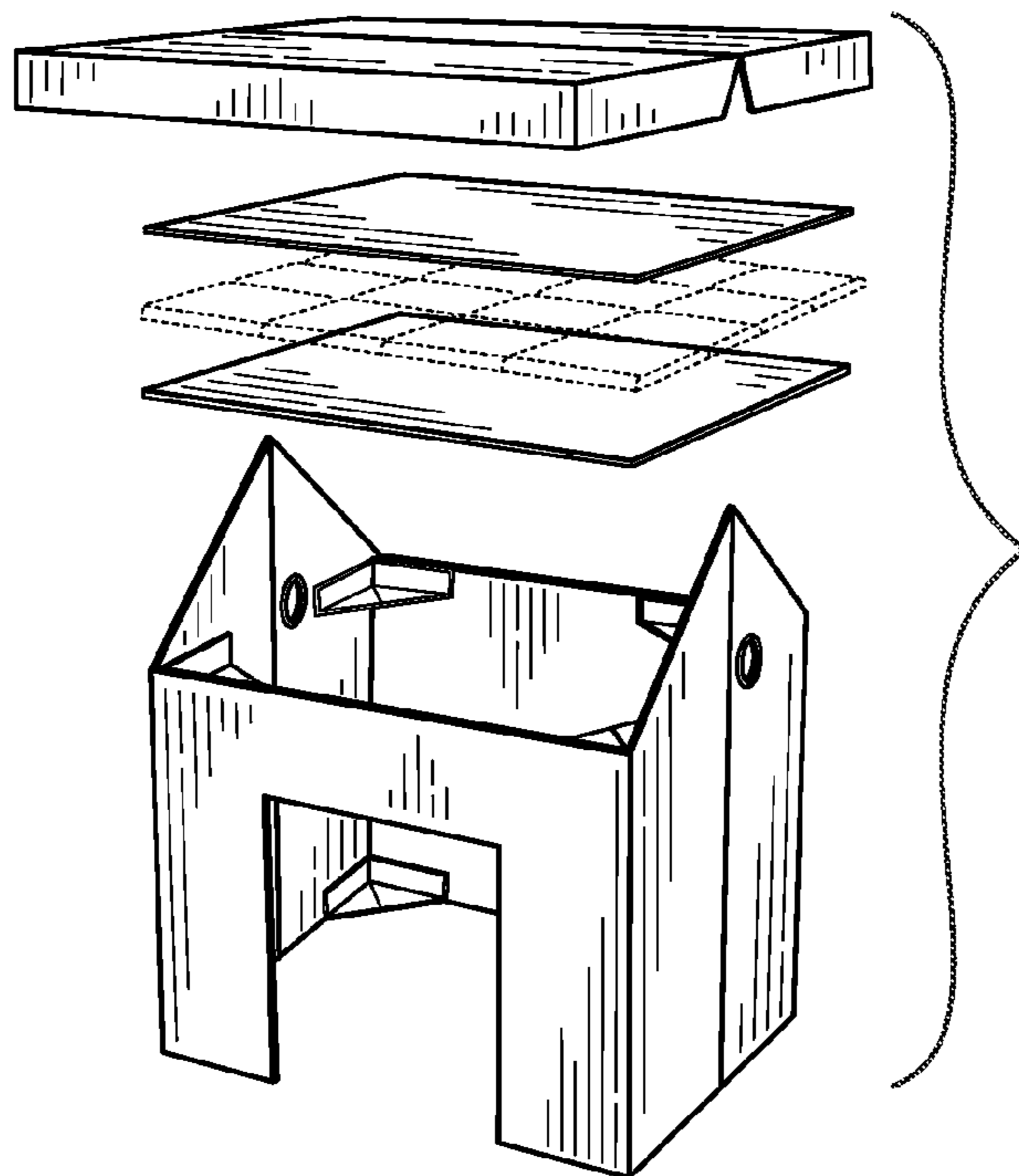


FIG. 9

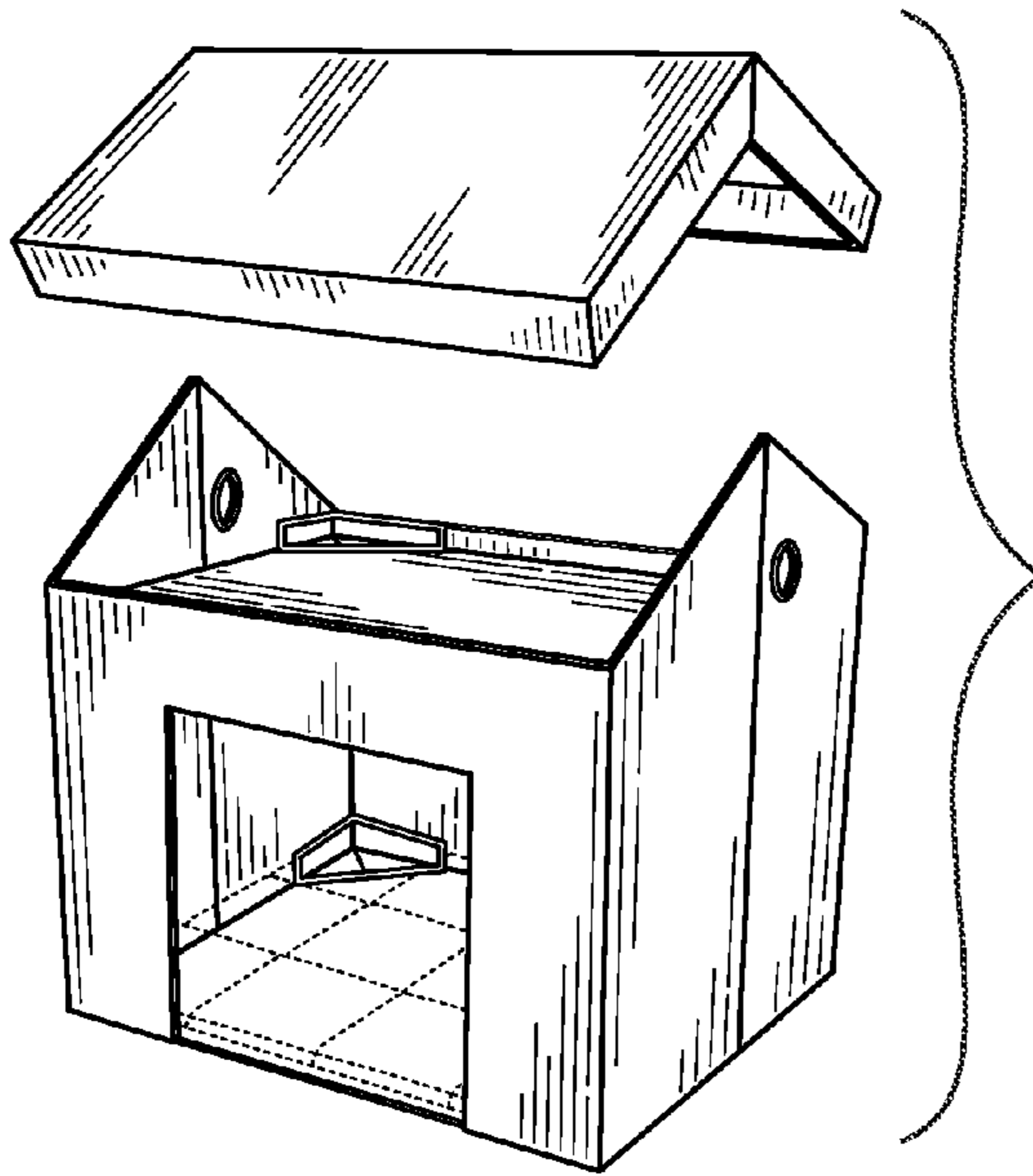


FIG. 10

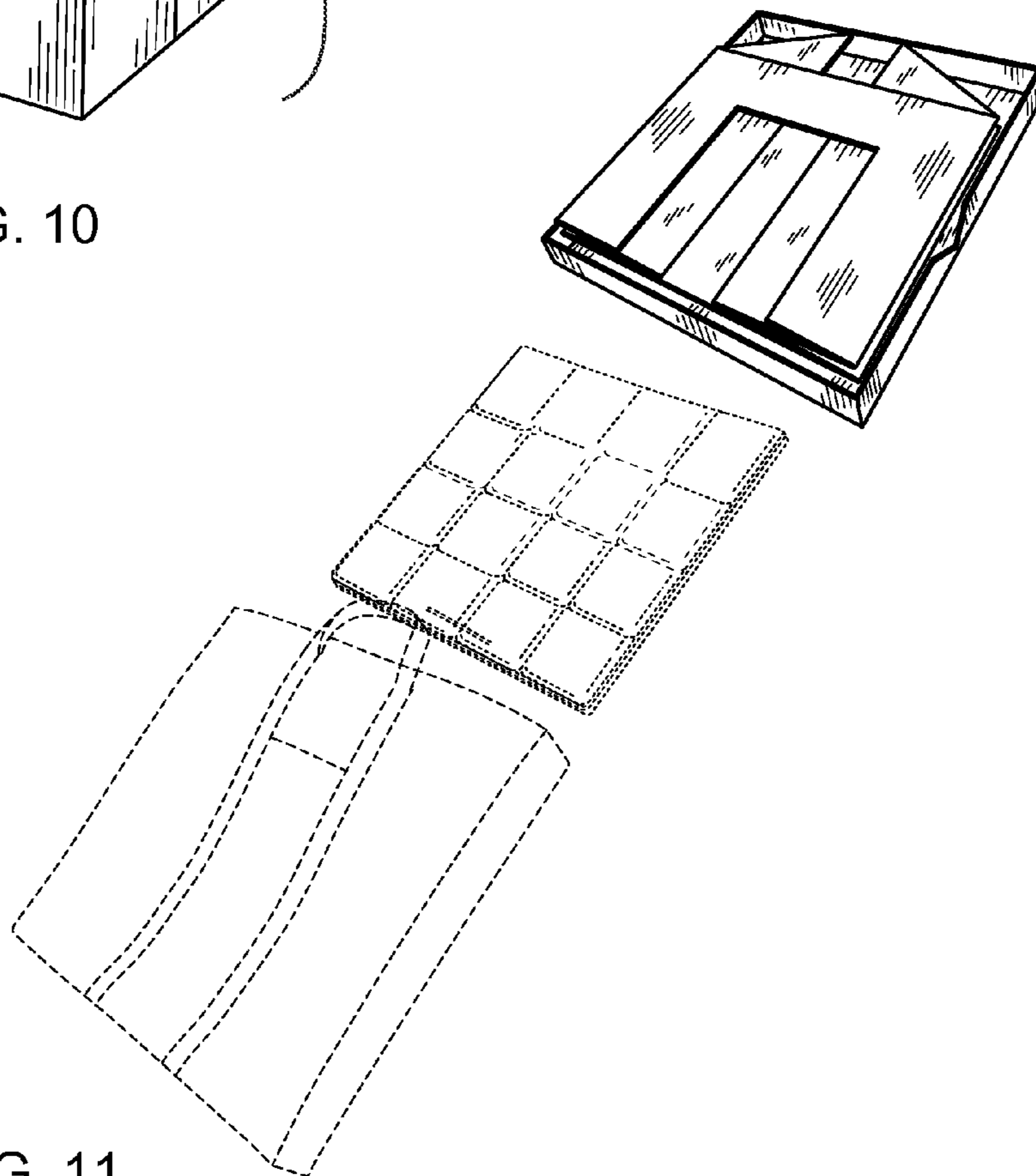


FIG. 11



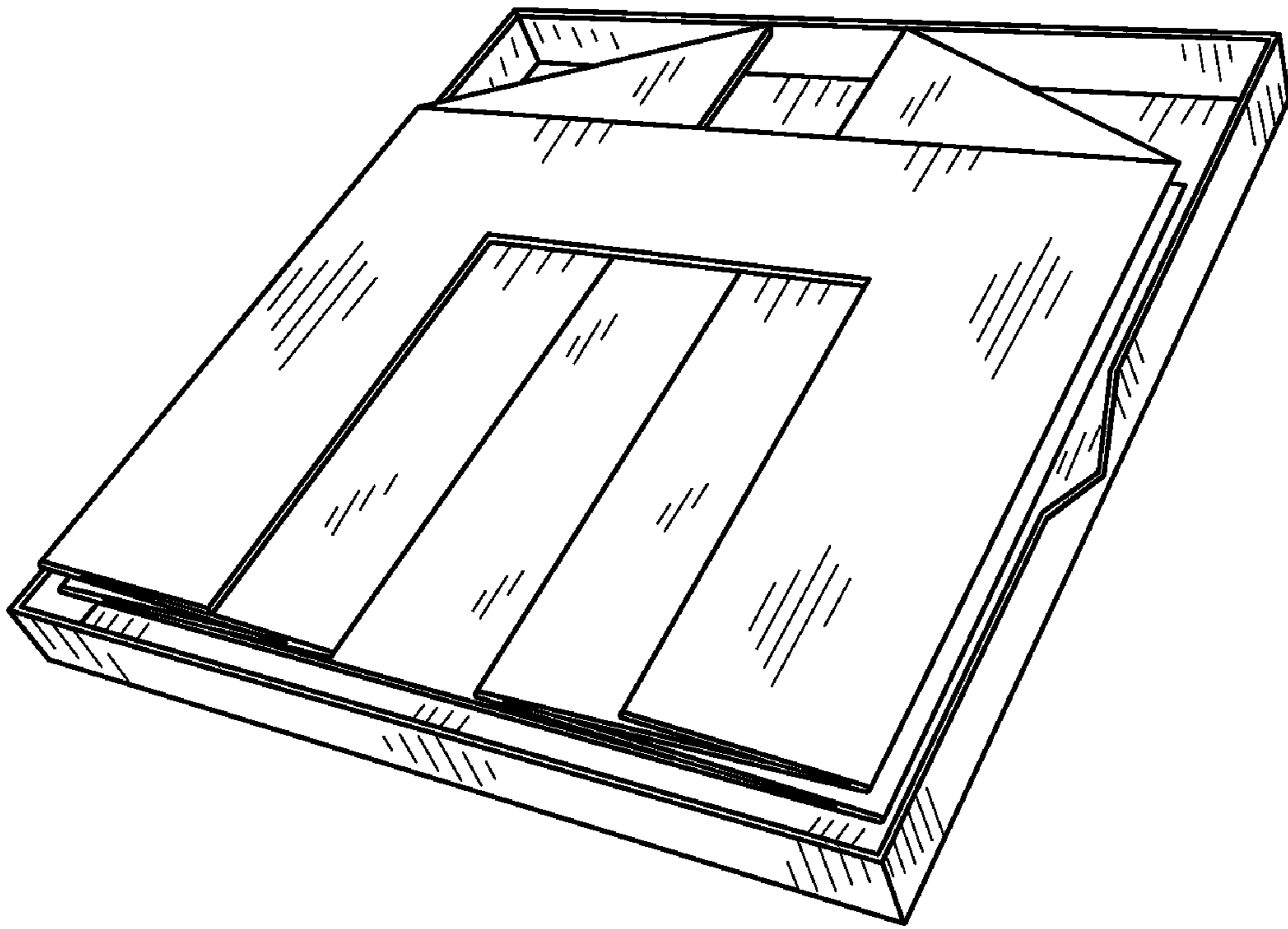


FIG. 12