



US00D882055S

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

(10) **Patent No.:** **US D882,055 S**  
(45) **Date of Patent:** **\*\* Apr. 21, 2020**

- (54) **HUMIDIFIER**
- (71) Applicant: **Vornado Air, LLC**, Andover, KS (US)
- (72) Inventors: **Glen W. Ediger**, North Newton, KS (US); **Brian M. Cartwright**, Wichita, KS (US); **Gregory Pease**, Andover, KS (US)
- (73) Assignee: **Vornado Air, LLC**, Andover, KS (US)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/667,986**

- (22) Filed: **Oct. 26, 2018**
- (51) **LOC (12) Cl.** ..... **24-04**
- (52) **U.S. Cl.**  
USPC ..... **D23/356**
- (58) **Field of Classification Search**  
USPC ..... D23/355-366, 352, 369, 332, 333, 335,  
D23/336, 342, 351; 422/120, 122;  
55/356, 473, 504; 96/97; 261/DIG. 17,  
261/DIG. 65, DIG. 88, DIG. 31  
CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D  
47/027; B01D 2221/02; B01D 2259/4508;  
B03C 3/155; B03C 3/368; F24F 3/16;  
F24F 13/20; F24F 13/28  
See application file for complete search history.

- (56) **References Cited**  
U.S. PATENT DOCUMENTS  
D705,410 S \* 5/2014 Terao ..... D23/364  
D755,942 S \* 5/2016 Kim ..... D23/364

D791,297 S *	7/2017	Ljungstrom	.....	D23/364
9,694,369 B2 *	7/2017	Engberg	.....	B03C 3/32
D798,430 S *	9/2017	Nord	.....	D23/364
D819,189 S *	5/2018	Chen	.....	D23/332
D822,812 S *	7/2018	Hu	.....	D23/356
D835,249 S *	12/2018	Echeverri	.....	D23/365
D835,765 S *	12/2018	Chen	.....	D23/364
D837,354 S *	1/2019	Su	.....	D23/364
D841,140 S *	2/2019	Chen	.....	D23/336
D845,460 S *	4/2019	Li	.....	D23/366
D865,148 S *	10/2019	Yoon	.....	D23/364

\* cited by examiner

*Primary Examiner* — David G Muller

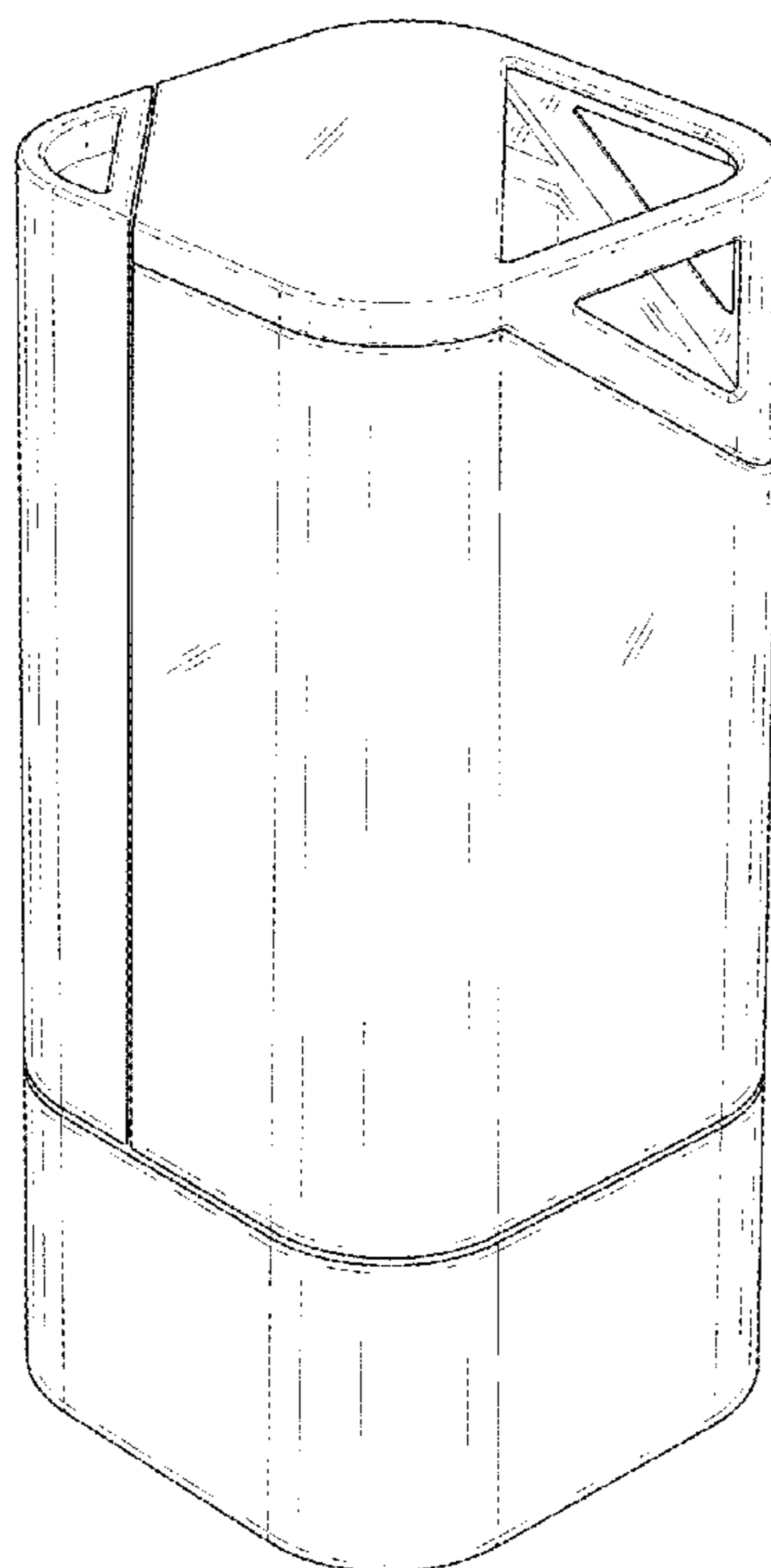
(57) **CLAIM**

An ornamental design for a humidifier, as shown in the accompanying drawings.

**DESCRIPTION**

FIG. 1 is a right, front, top perspective view of a humidifier in accordance with the present invention; FIG. 2 is a front elevation view thereof; FIG. 3 is a rear elevation view thereof; FIG. 4 is a right side elevation view thereof; FIG. 5 is a left side elevation view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof. The broken lines represent portions of the structure that form no part of the claim.

**1 Claim, 7 Drawing Sheets**



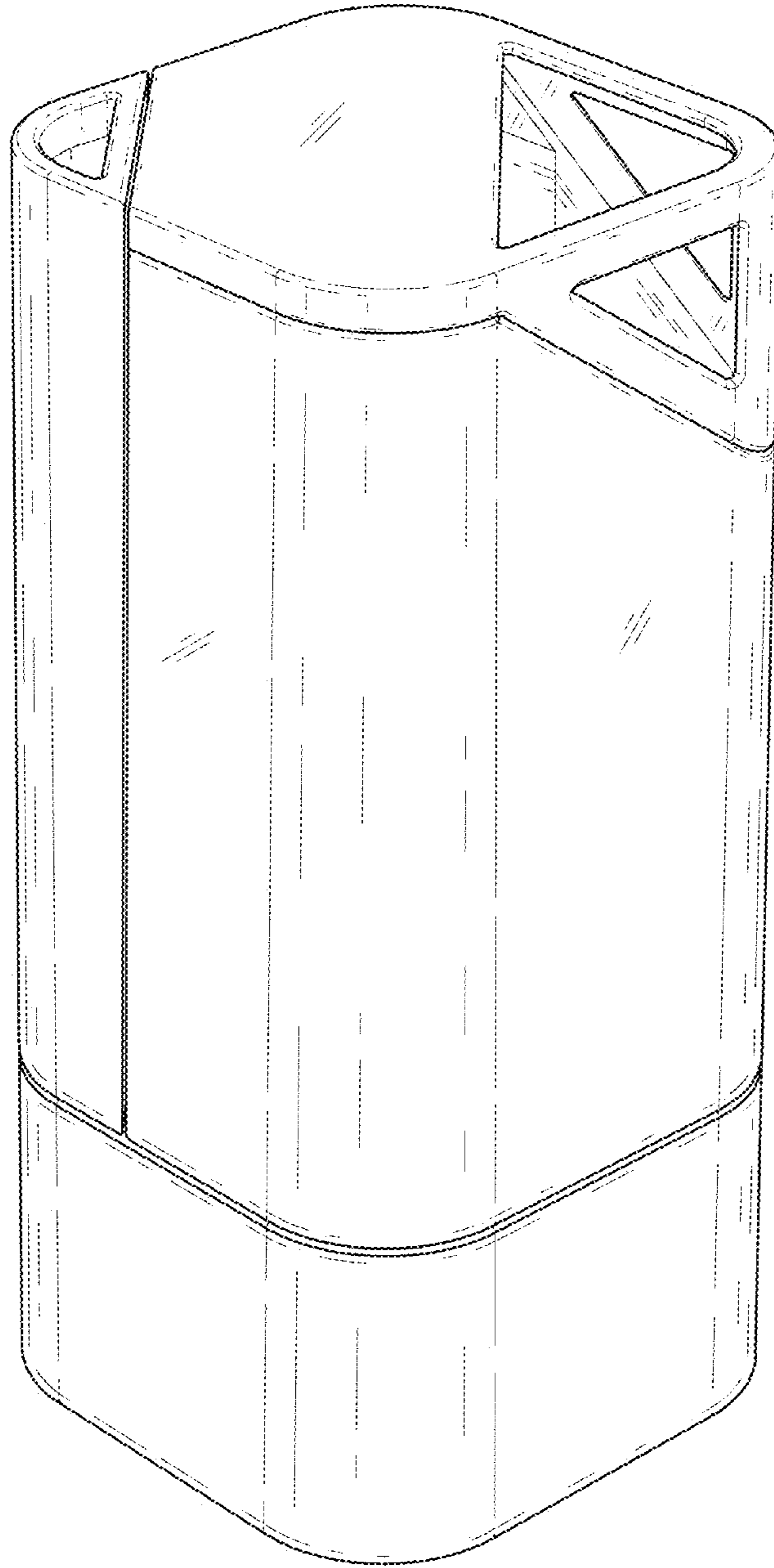


FIG. 1

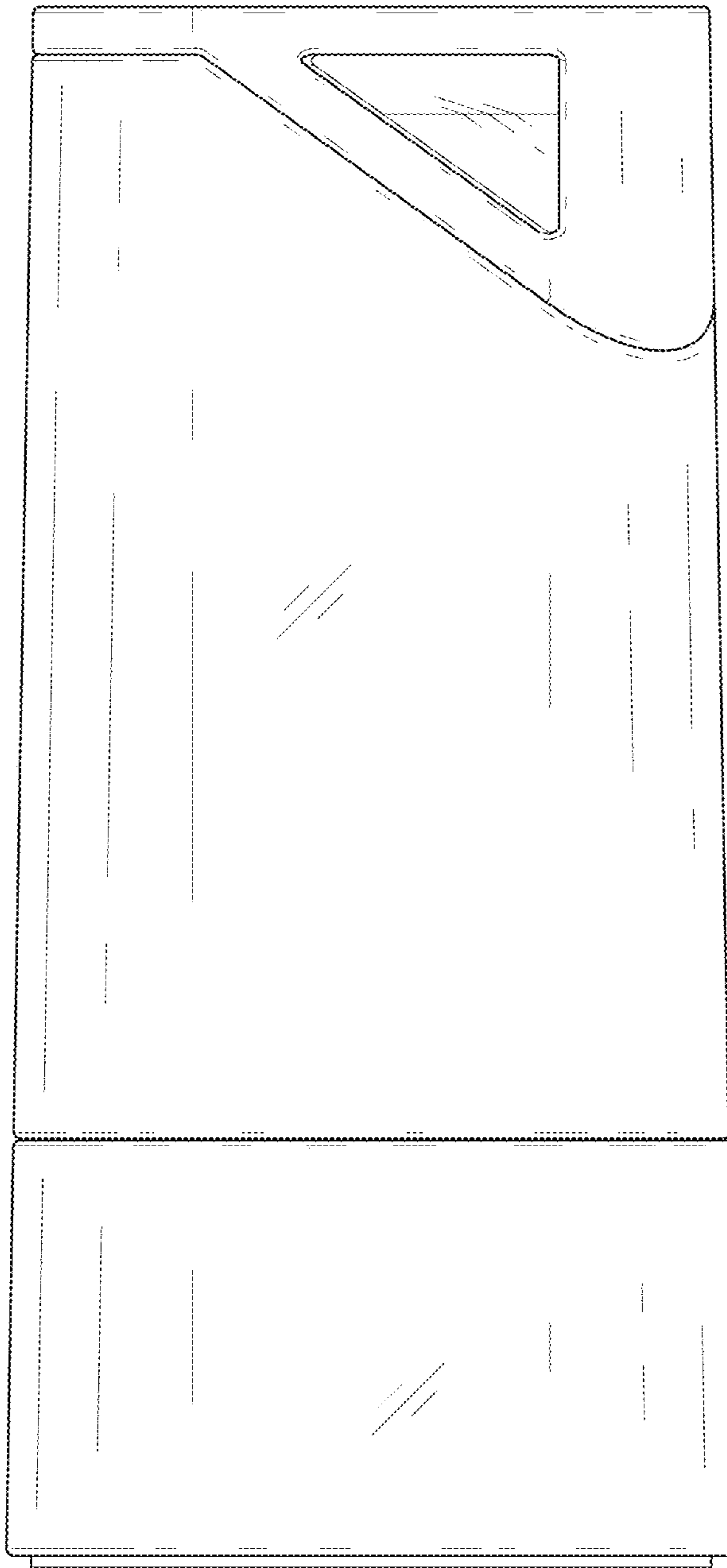


FIG. 2

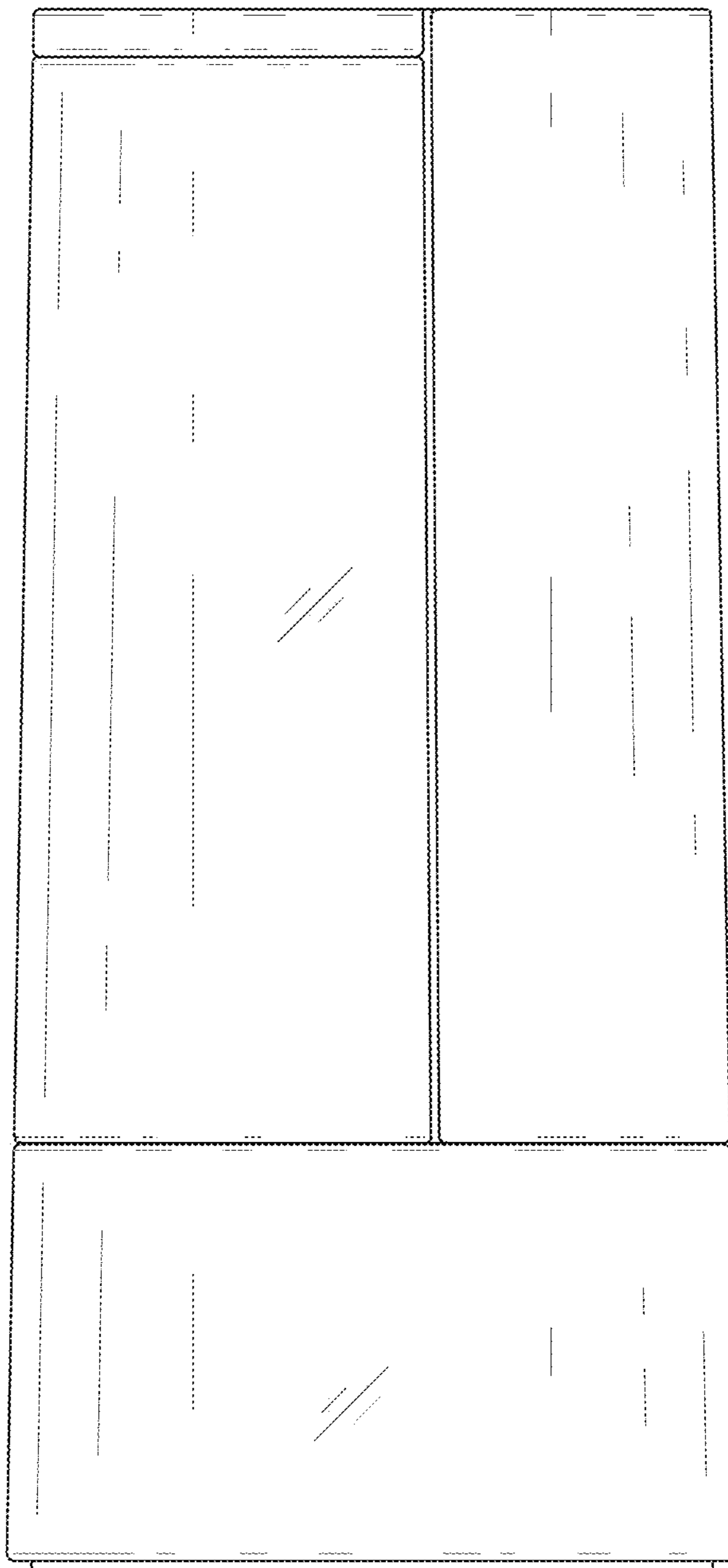


FIG. 3

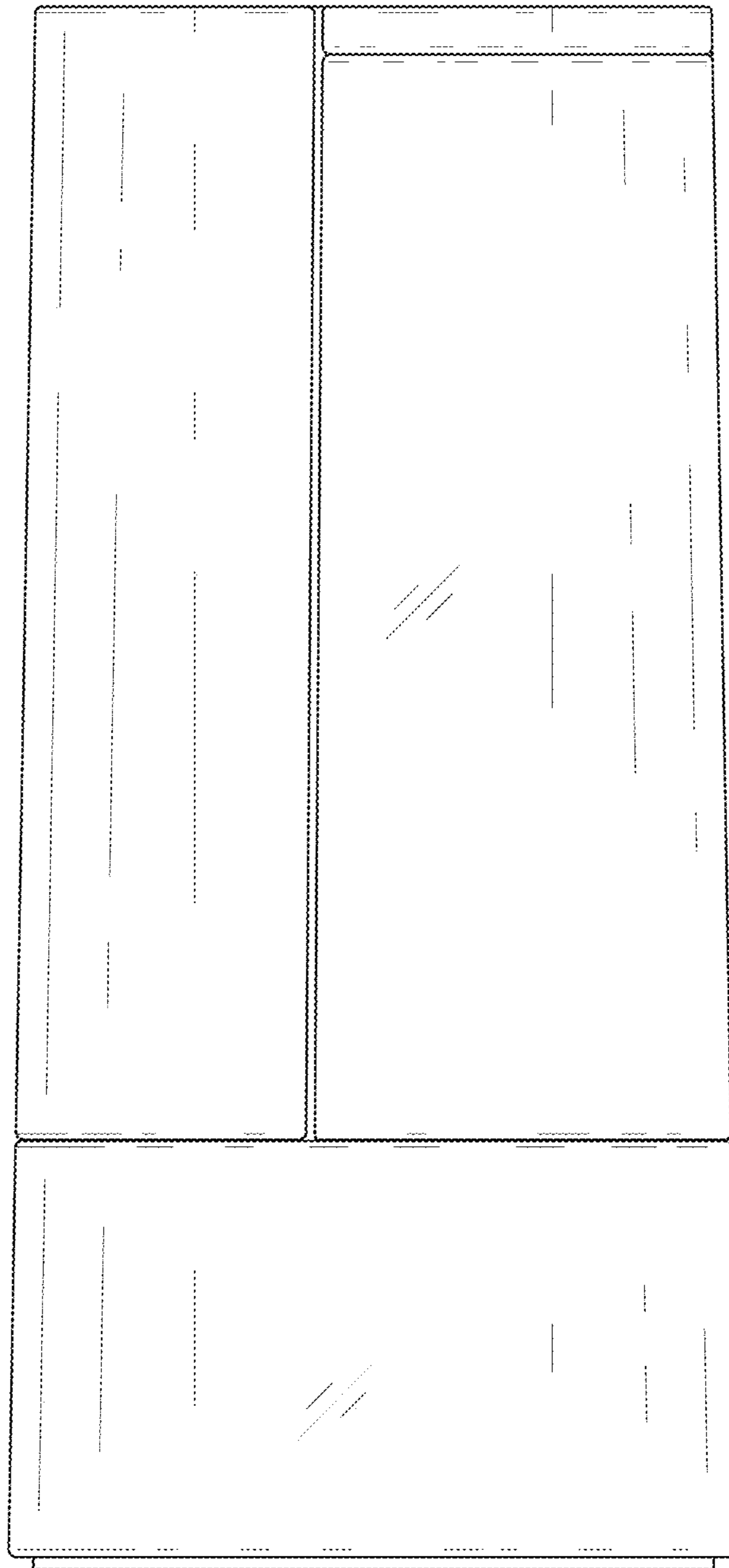


FIG. 4

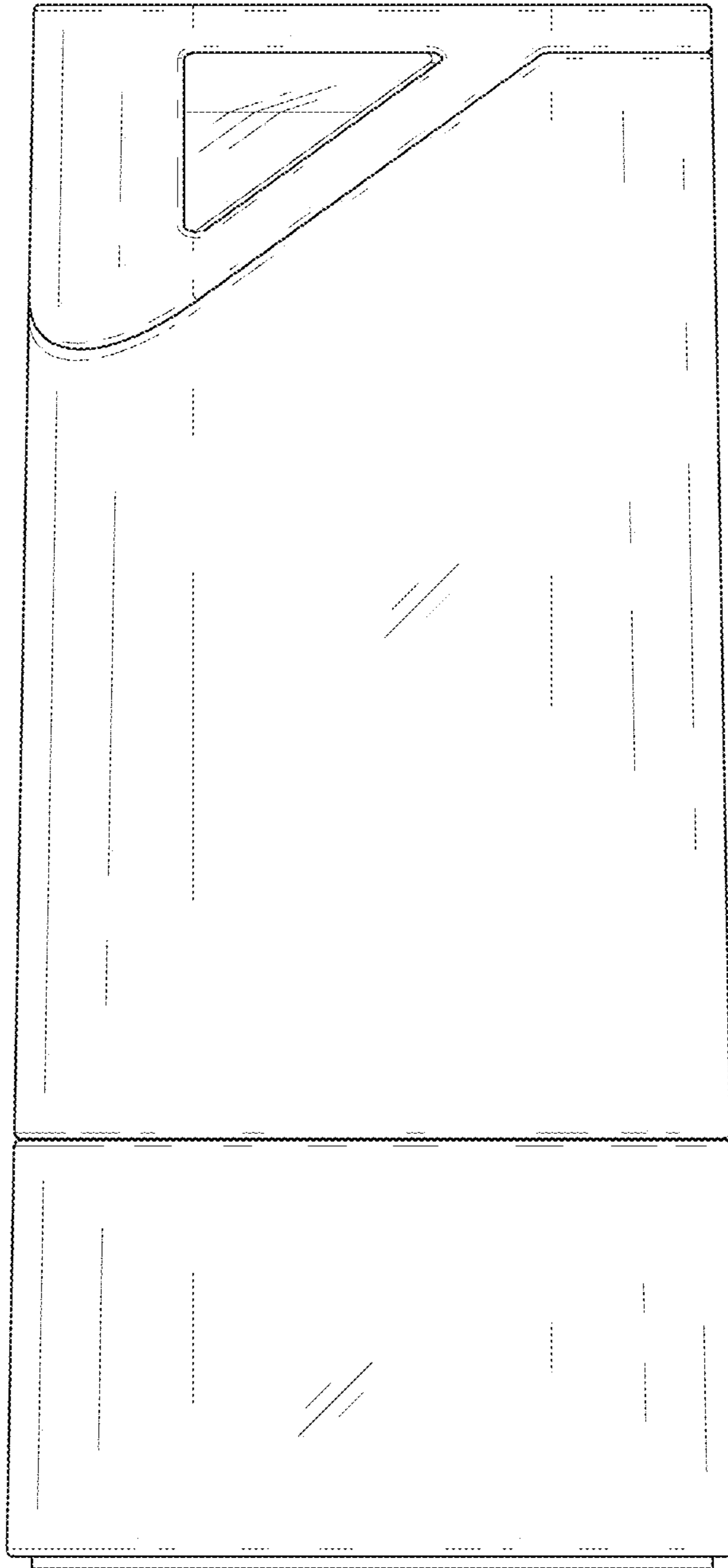


FIG. 5

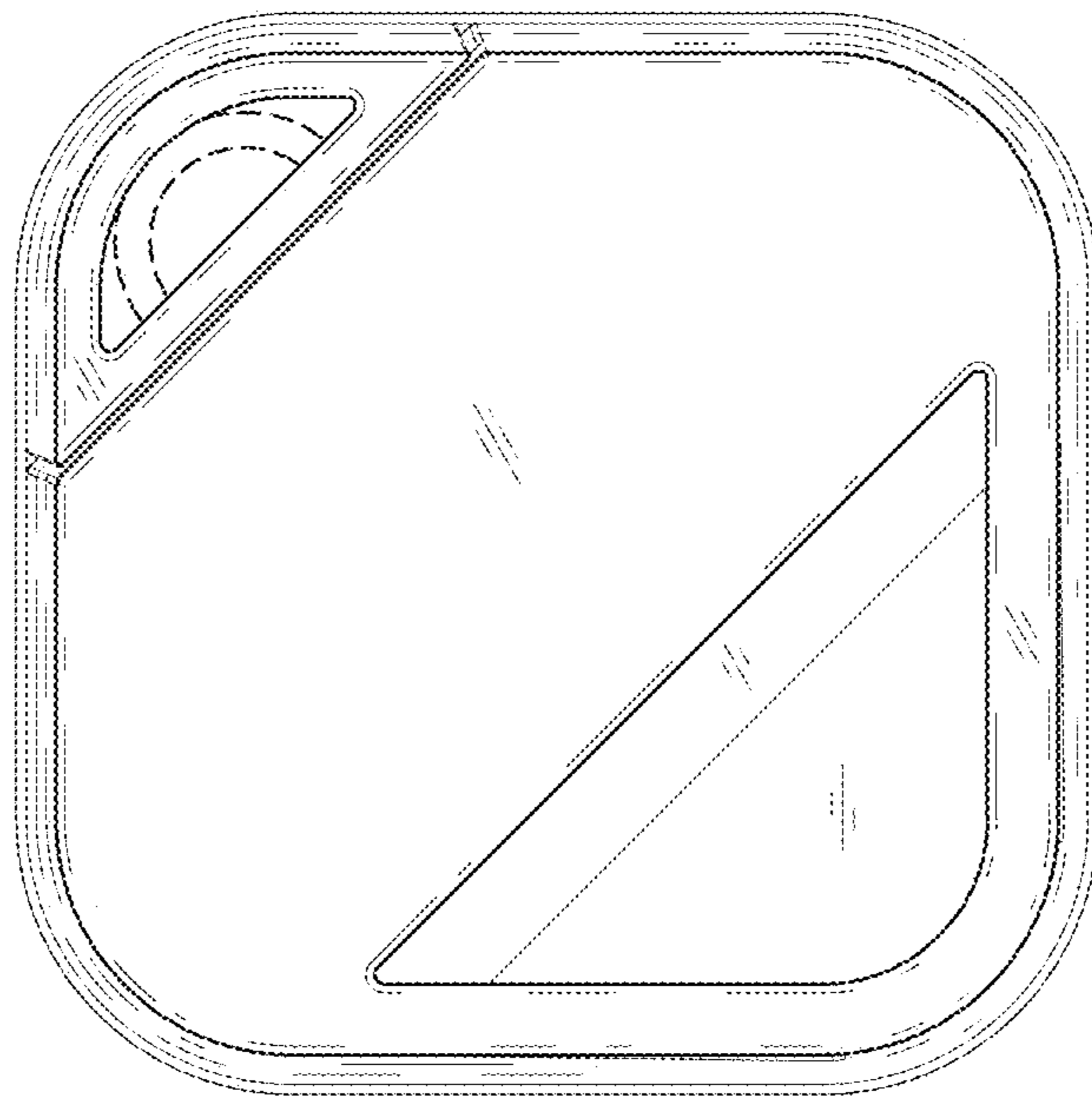


FIG. 6

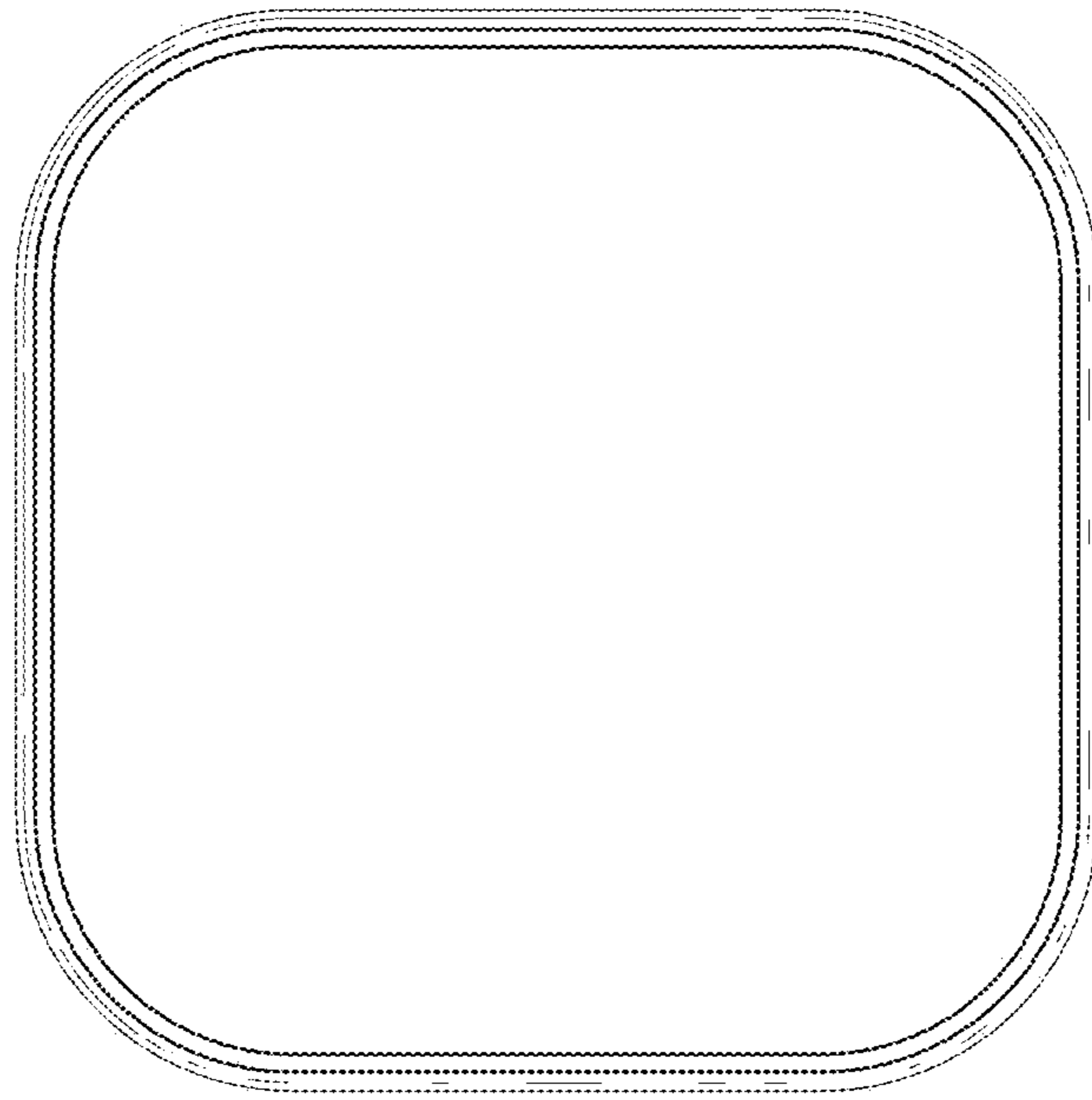


FIG. 7