



US00D978369S

(12) **United States Design Patent** (10) **Patent No.:** **US D978,369 S**  
**Chang et al.** (45) **Date of Patent:** **\*\* Feb. 14, 2023**

(54) **DIAGNOSTIC ASSAY SYSTEM**

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CA (US)

(73) Assignee: **Cepheid**, Sunnyvale, CA (US)

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

(21) Appl. No.: **29/751,420**

(22) Filed: **Sep. 21, 2020**

(51) **LOC (14) Cl.** ..... **24-01**

(52) **U.S. Cl.**  
USPC ..... **D24/216**

(58) **Field of Classification Search**  
USPC ..... D24/107, 185, 186, 216, 219, 231–234;  
D10/81

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D705,441 S \* 5/2014 Chang ..... D24/216  
D705,944 S \* 5/2014 Chang ..... D24/216

(Continued)

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Stockton LLP

(57) **CLAIM**

The ornamental design for a diagnostic assay system, as  
shown and described.

**DESCRIPTION**

FIG. 1 shows a front perspective view of a diagnostic assay  
system showing our new design with the tiltable user  
interface screen in the closed position;

FIG. 2 shows a front perspective view of the diagnostic  
assay system with the tiltable user interface screen in a tilted  
position;

FIG. 3 shows a rear perspective view of the diagnostic assay  
system with the tiltable user interface screen in a closed  
position;

FIG. 4 shows a rear perspective view of the diagnostic assay  
system with the tiltable user interface screen in a tilted  
position;

FIG. 5 shows a top view of the diagnostic assay system with  
the tiltable user interface screen in a closed position;

FIG. 6 shows a top view of the diagnostic assay system with  
the tiltable user interface screen in a tilted position;

FIG. 7 shows a rear view of the diagnostic assay system  
(tiltable user interface screen position is not visible);

FIG. 8 shows a left view of the diagnostic assay system with  
the tiltable user interface screen in a closed position;

FIG. 9 shows a left view of the diagnostic assay system with  
the tiltable user interface screen in a tilted position;

FIG. 10 shows a right view of the diagnostic assay system  
with the tiltable user interface screen in a closed position;

FIG. 11 shows a right view of the diagnostic assay system  
with the tiltable user interface screen in a tilted position;

FIG. 12 shows a front view of the diagnostic assay system  
with the tiltable user interface screen in a closed position;

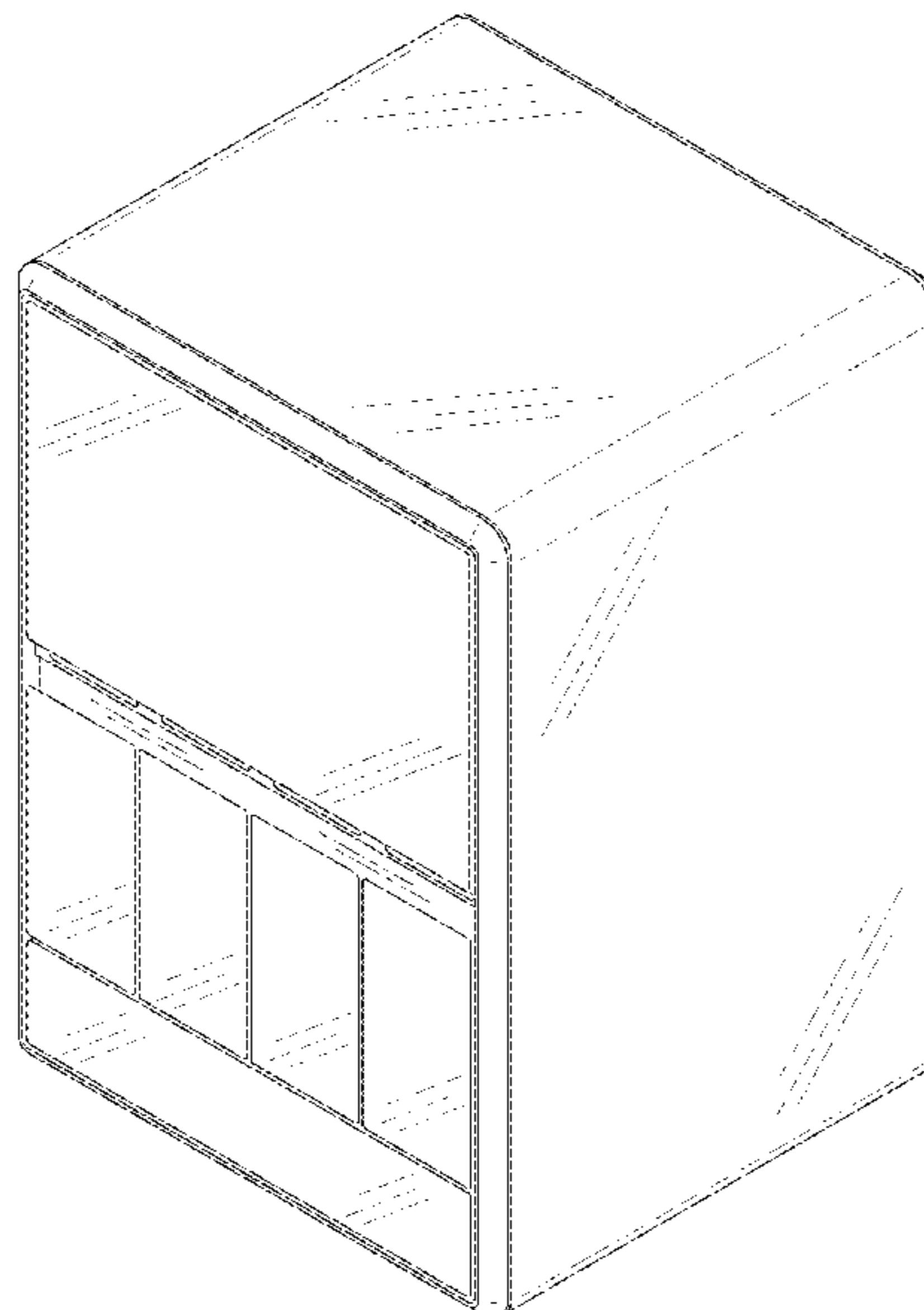
FIG. 13 shows a front view of the diagnostic assay system  
with the tiltable user interface screen in a tilted position;

FIG. 14 shows a bottom view of the diagnostic assay system  
with the tiltable user interface screen in a closed position;  
and,

FIG. 15 shows a bottom view of the diagnostic assay system  
with the tiltable user interface screen in a tilted position.

The broken lines immediately adjacent the shaded areas  
represent the bounds of the claim, while all other broken  
lines are directed to environment the broken lines form no  
part of the claimed design.

**1 Claim, 15 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... G01N 2035/00306; G01N 2035/00326;  
G01N 2035/00336; G01N 2030/027;  
G01N 21/76

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D774,659 S \* 12/2016 Quackenbush ..... D24/216  
D874,017 S \* 1/2020 Jenoski ..... D24/216  
D888,985 S \* 6/2020 Hsieh ..... D24/232  
D907,245 S \* 1/2021 Rateike ..... D24/232  
2008/0268529 A1\* 10/2008 Furusato ..... B01L 3/50851  
435/289.1  
2015/0119268 A1\* 4/2015 Bishop ..... G01N 1/31  
435/7.1  
2015/0362431 A1\* 12/2015 Jin Wong ..... G01J 5/605  
506/12  
2017/0023561 A1\* 1/2017 Martinell Gispert-Sauch .....  
G01N 35/04

\* cited by examiner

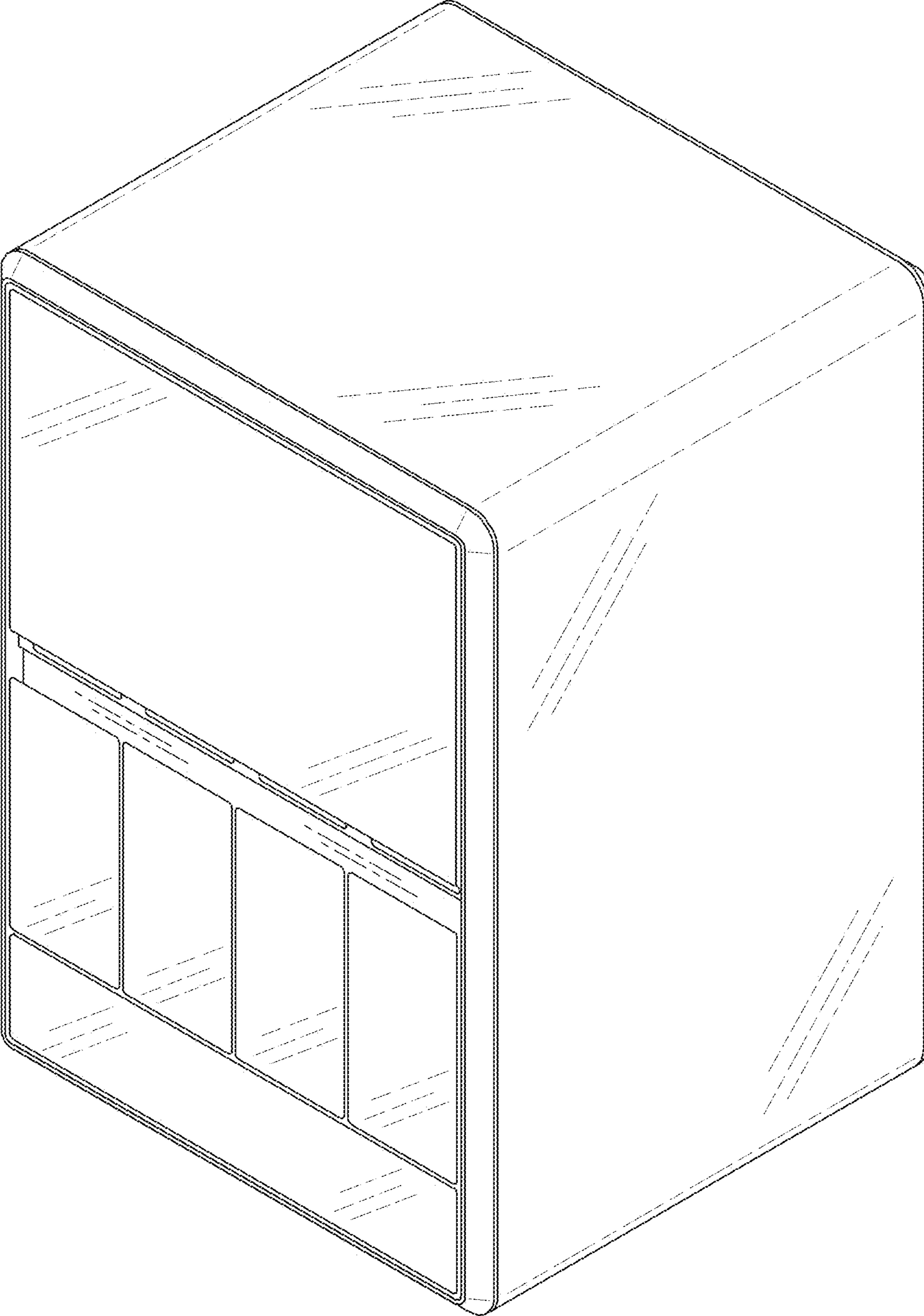


Figure 1

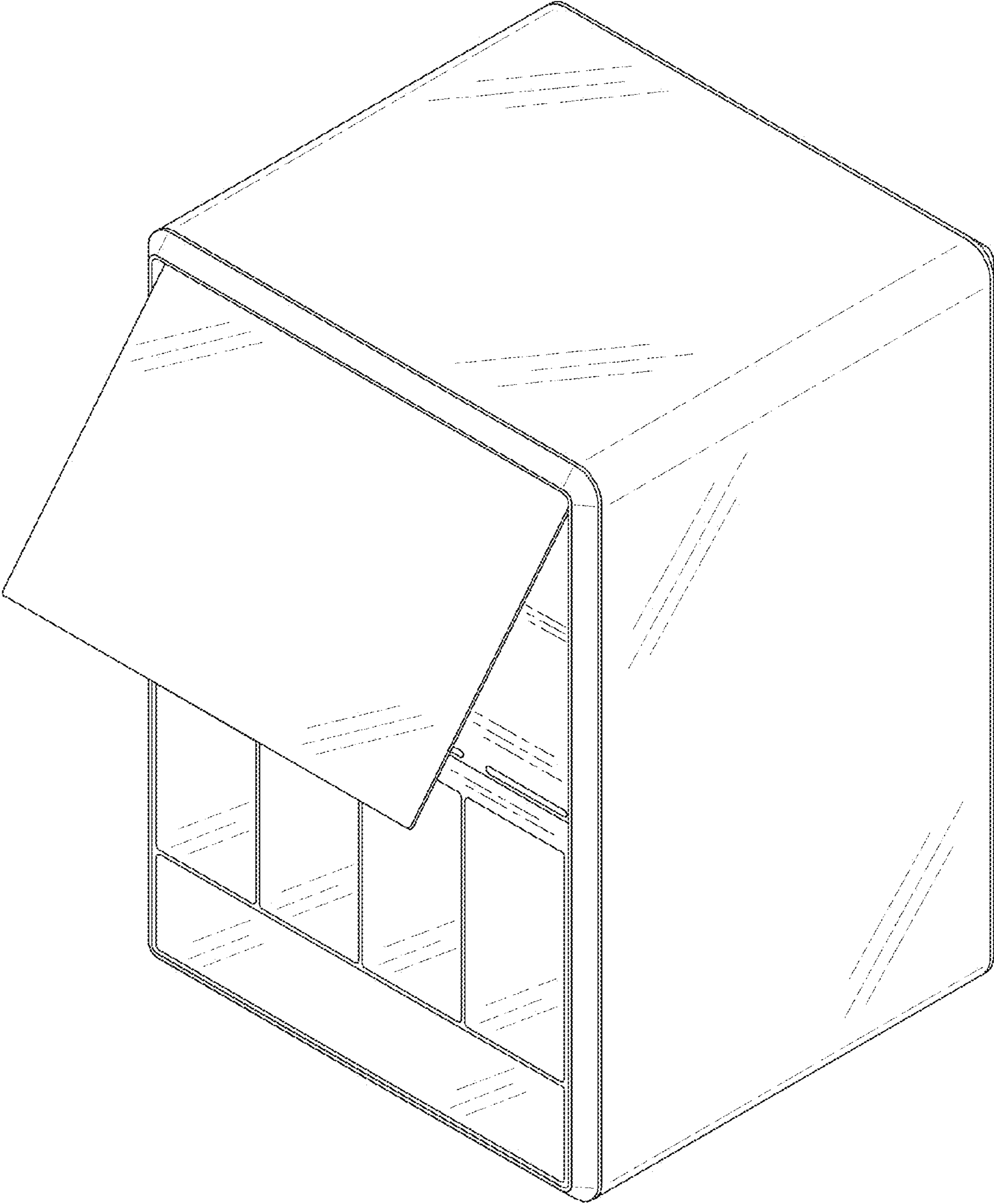


Figure 2

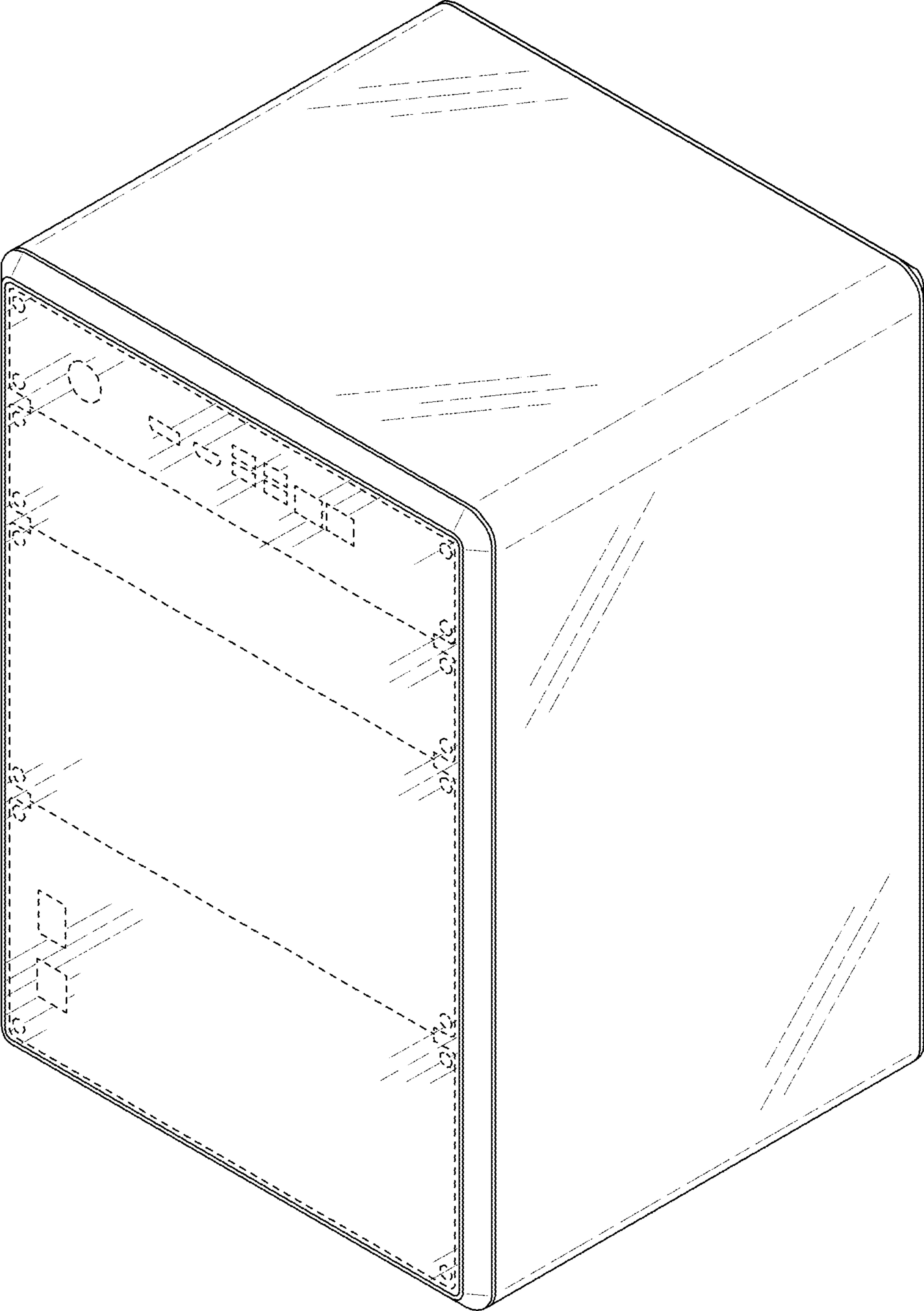


Figure 3

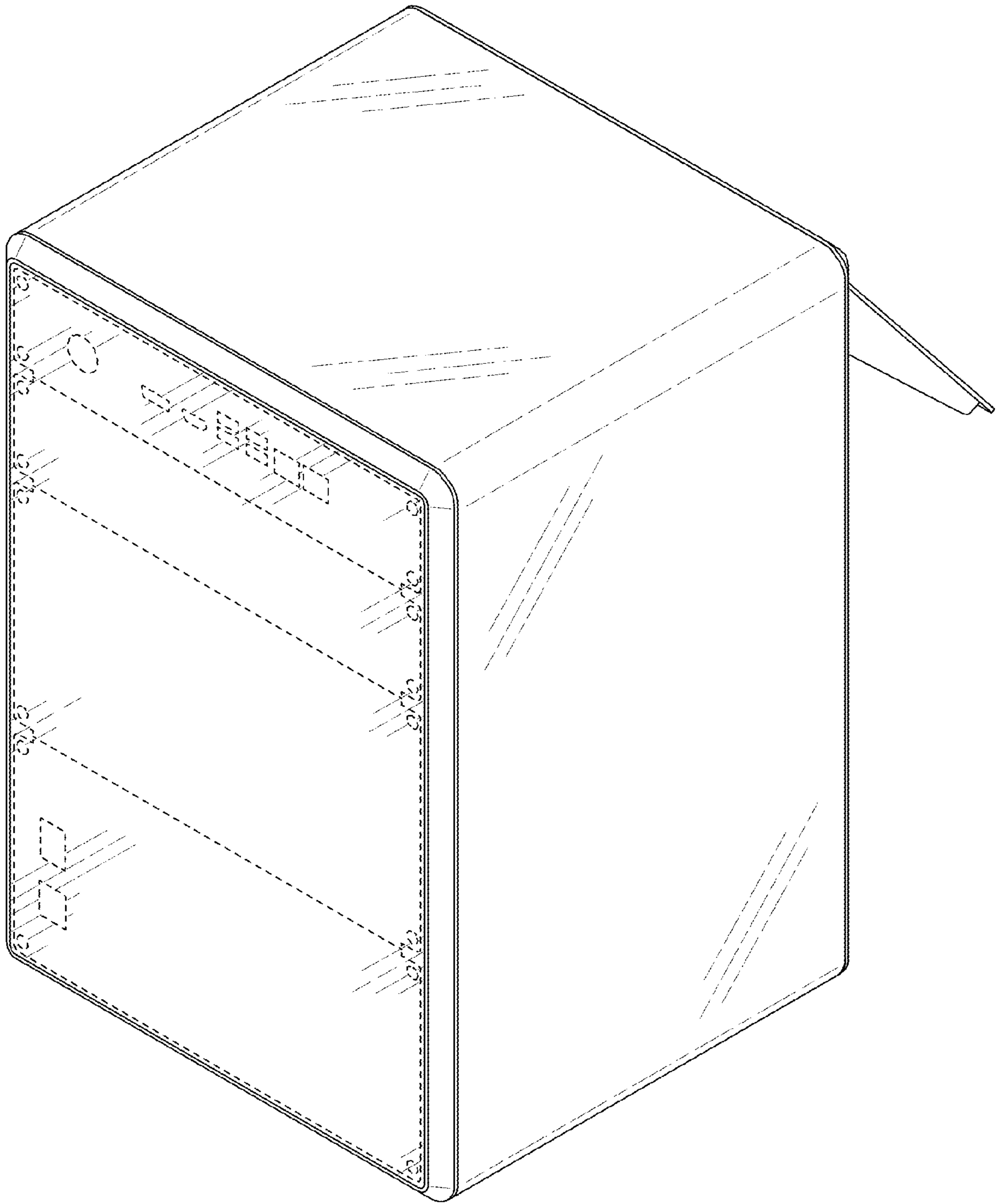


Figure 4

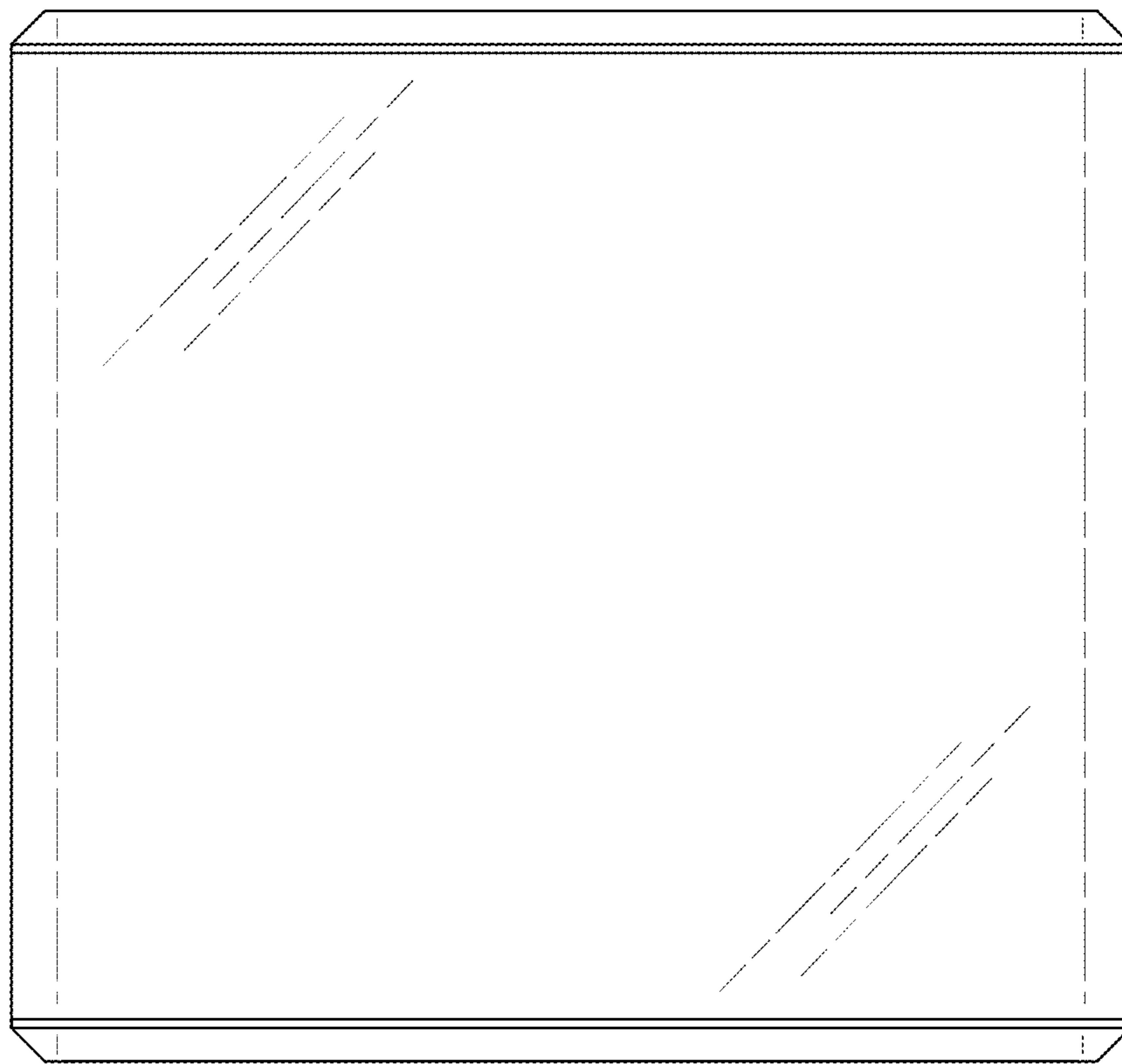


Figure 5

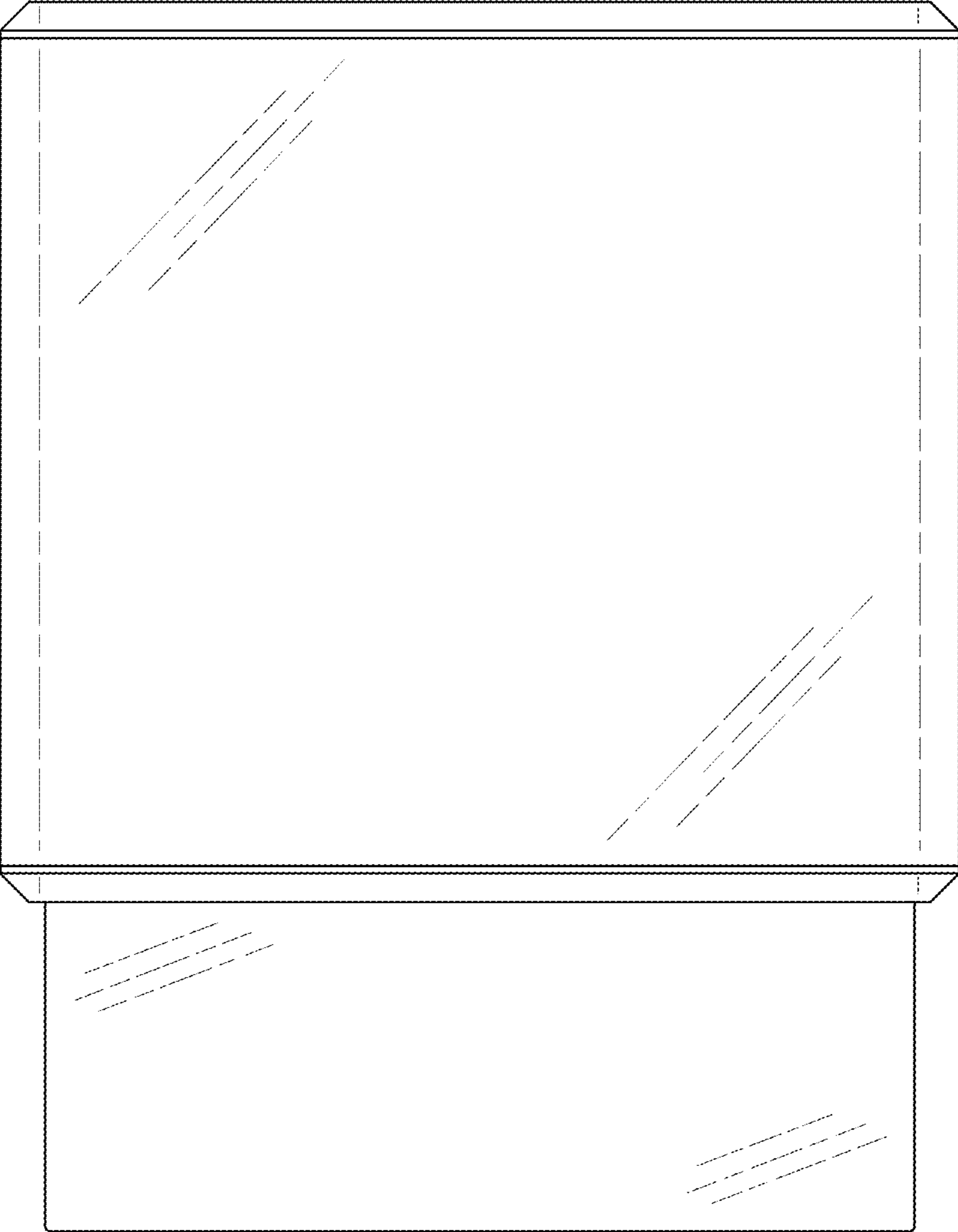


Figure 6



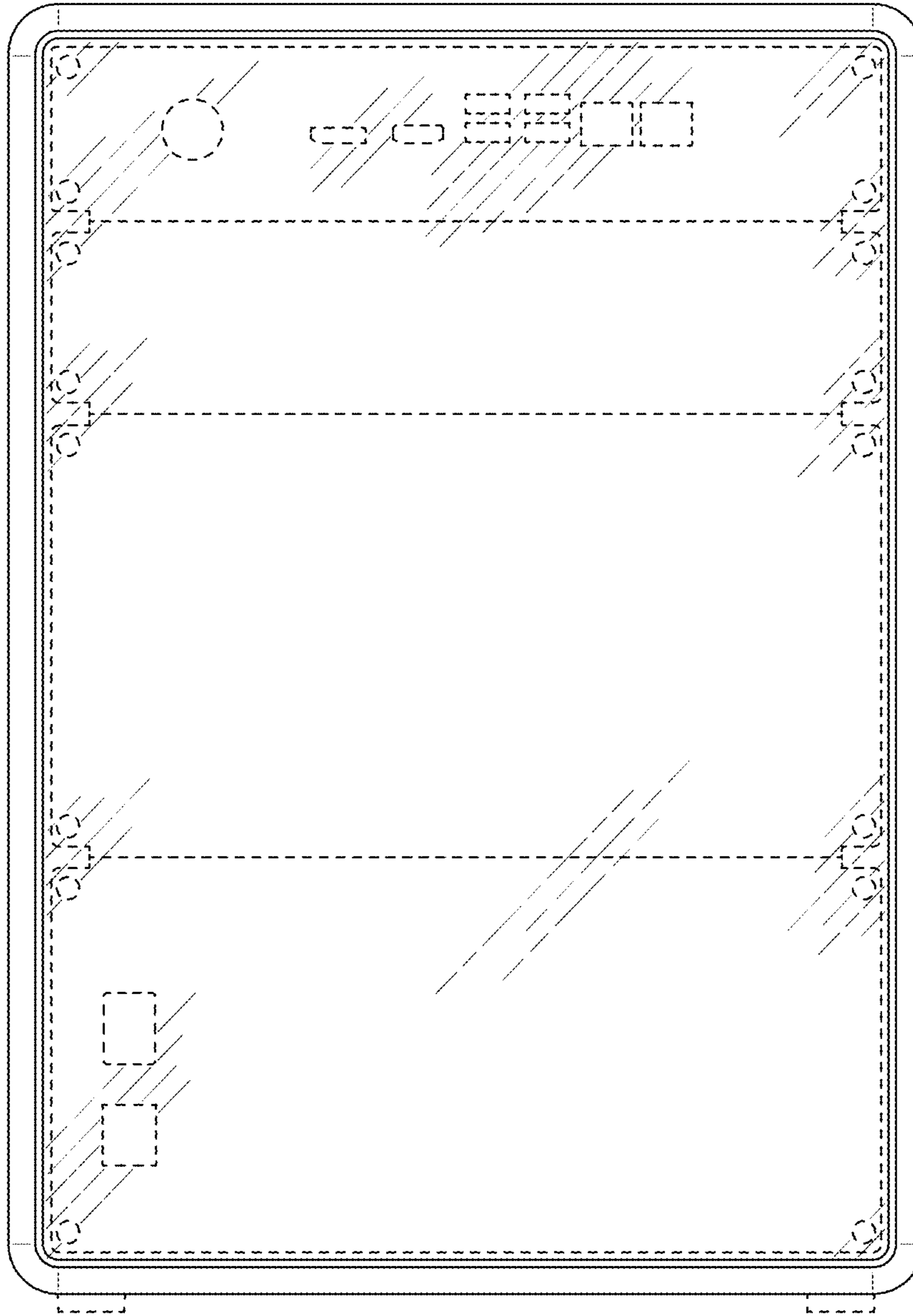


Figure 7

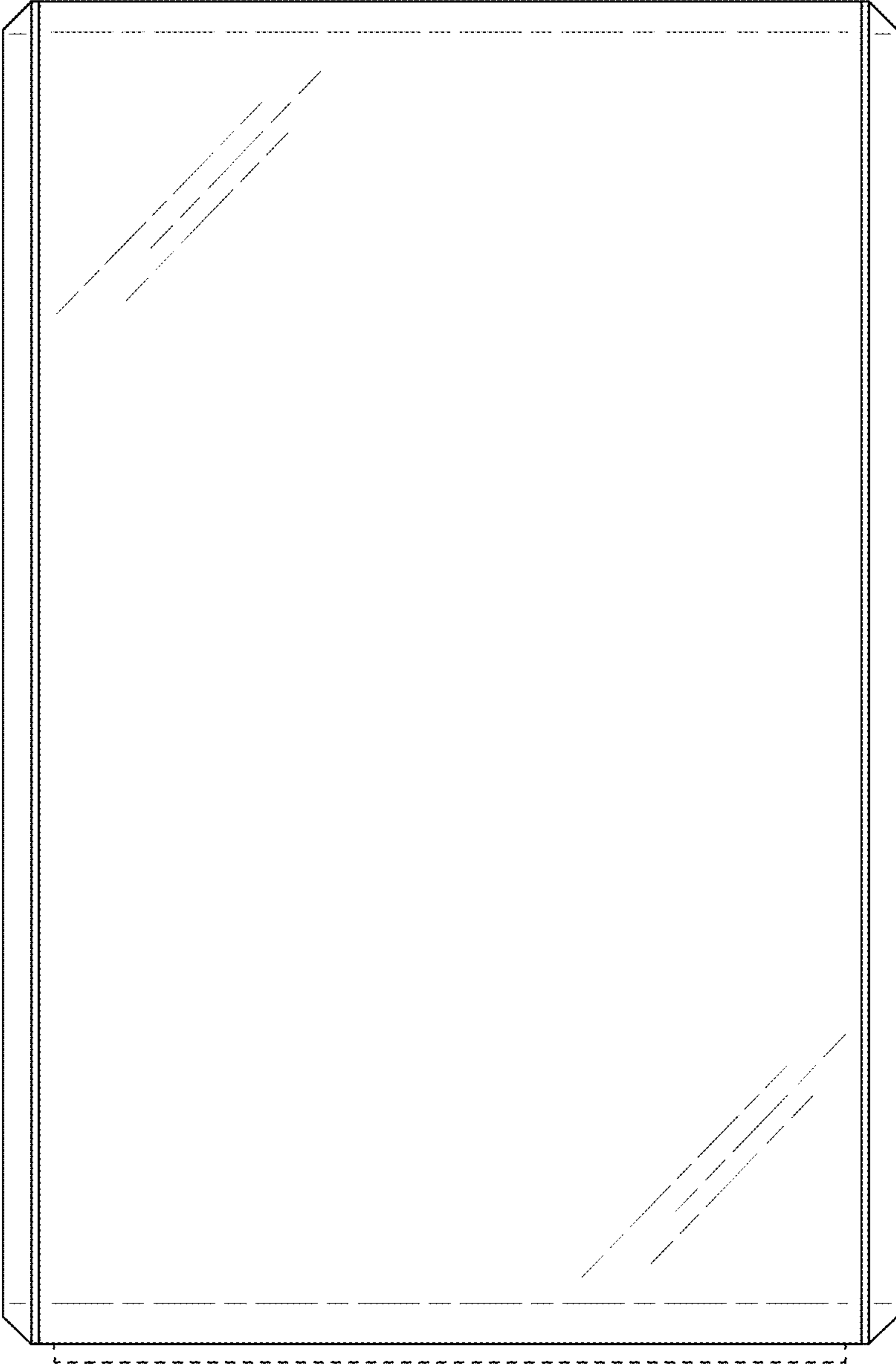


Figure 8

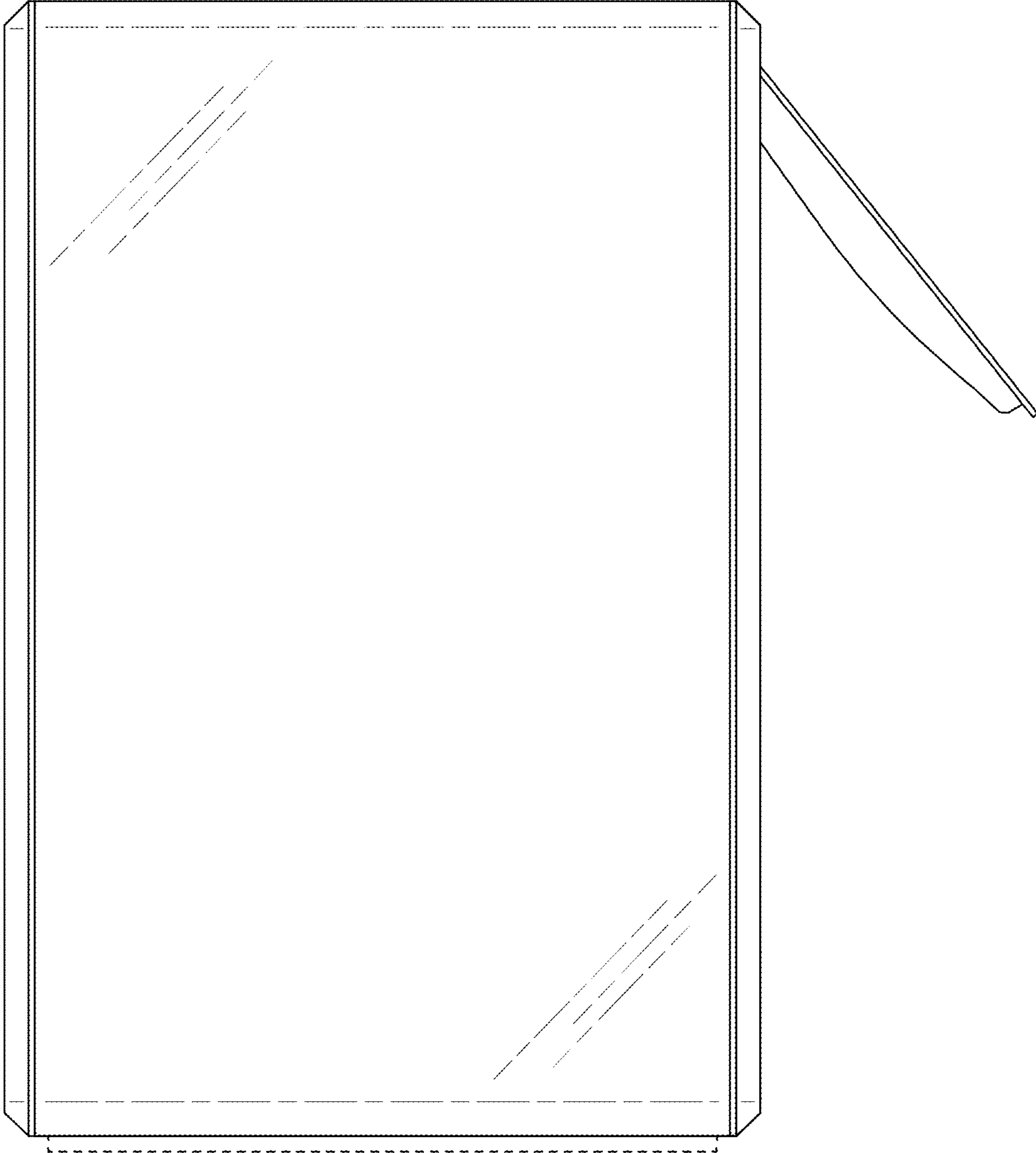


Figure 9

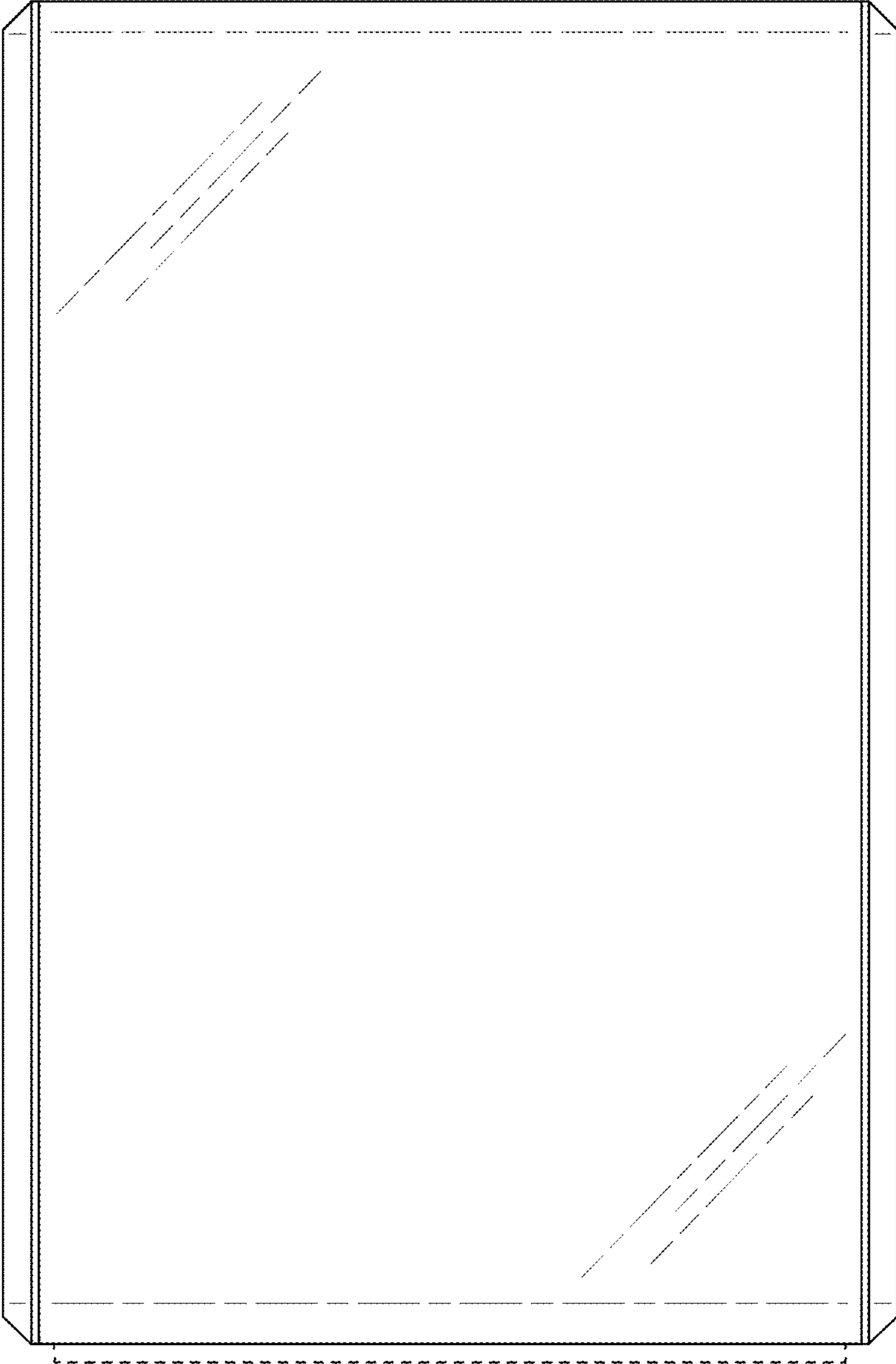


Figure 10

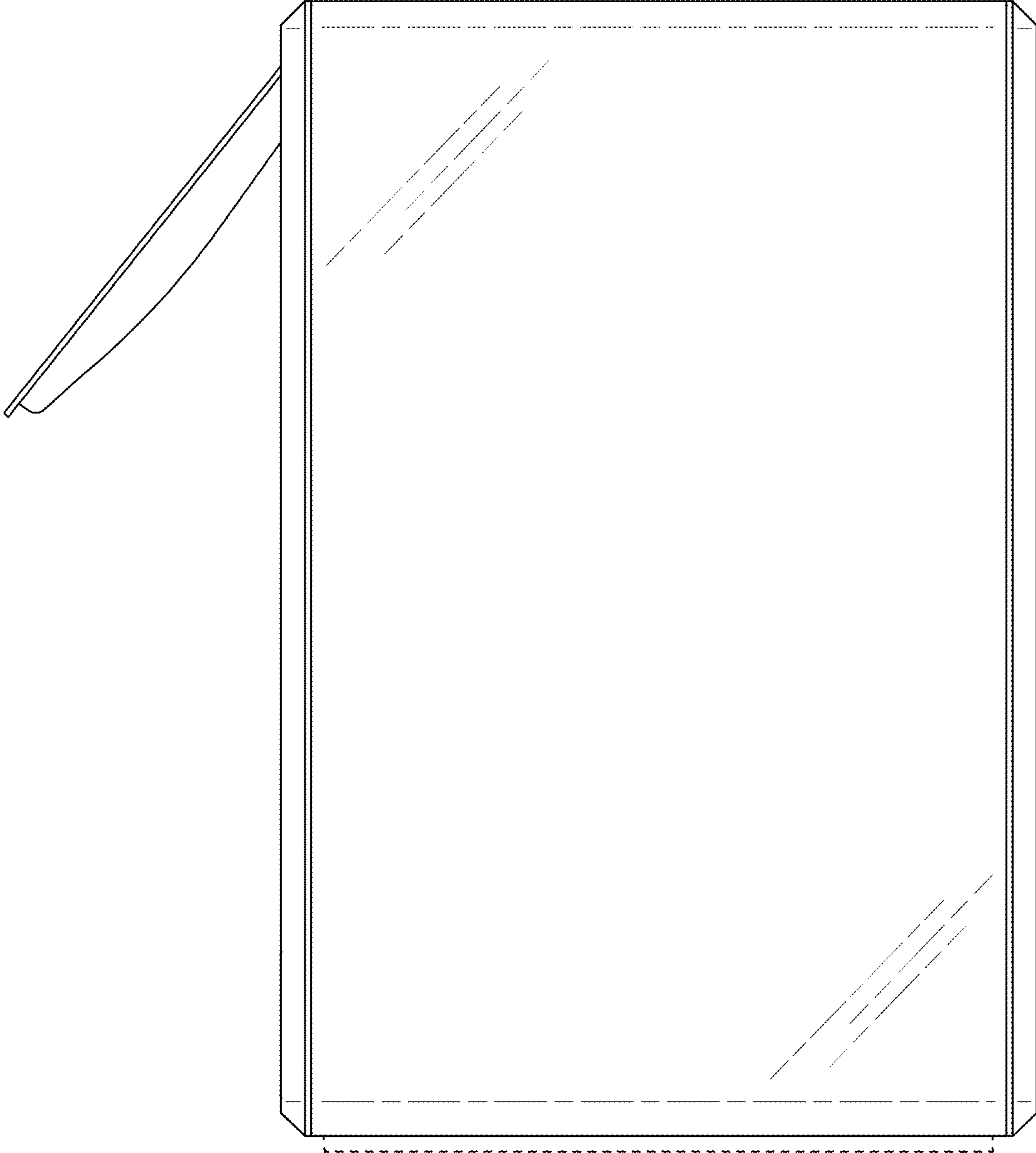


Figure 11

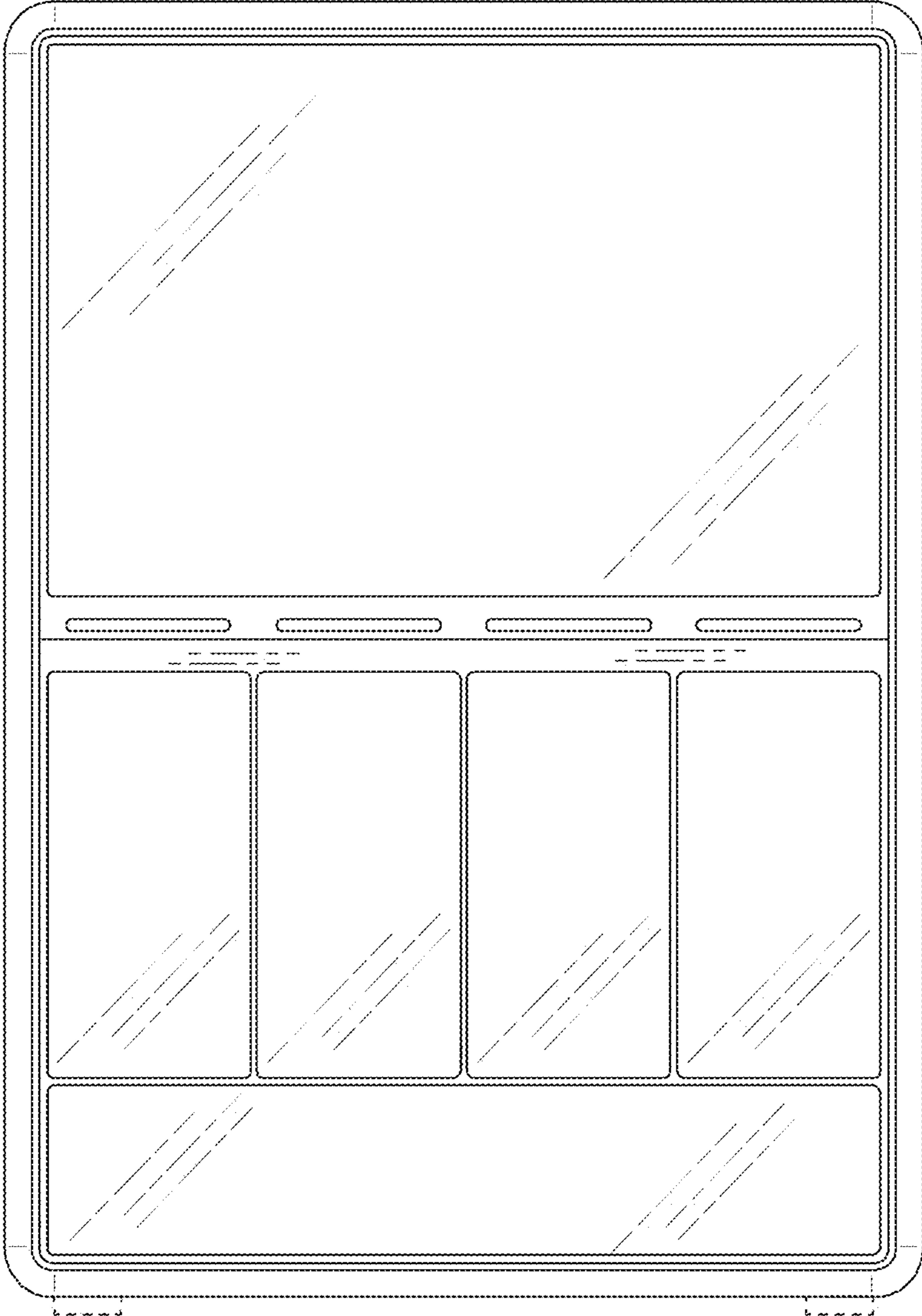


Figure 12

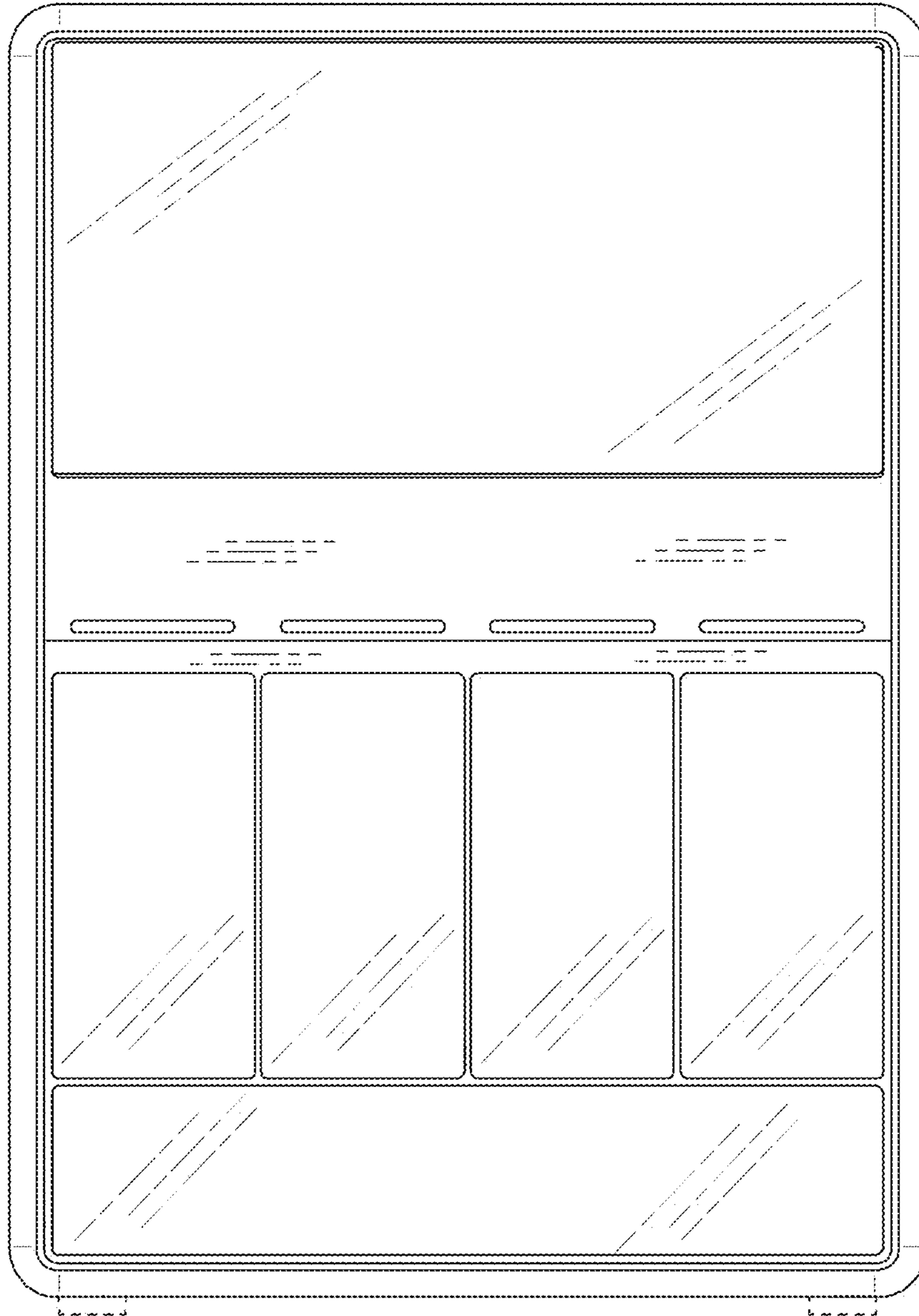


Figure 13

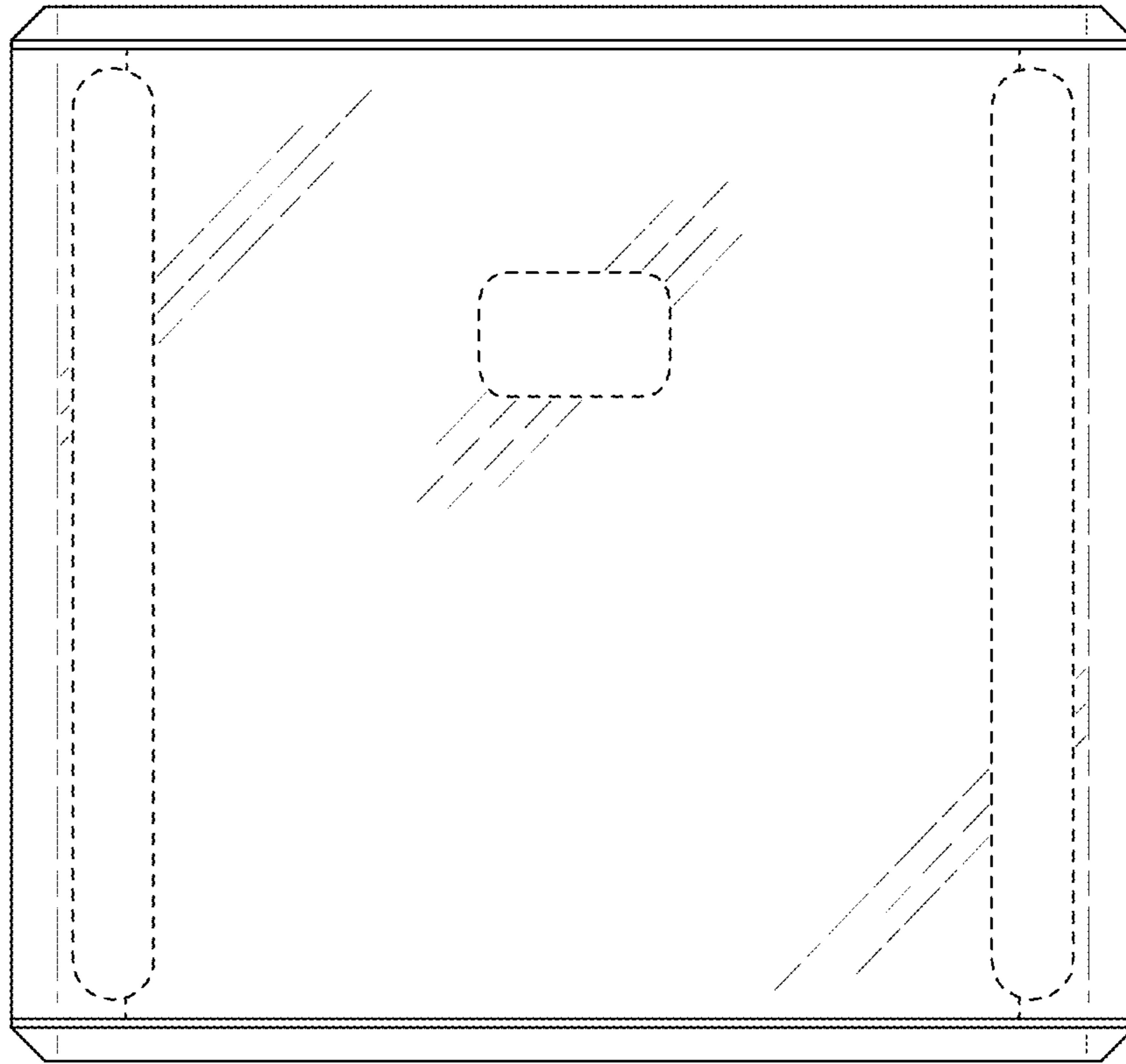


Figure 14



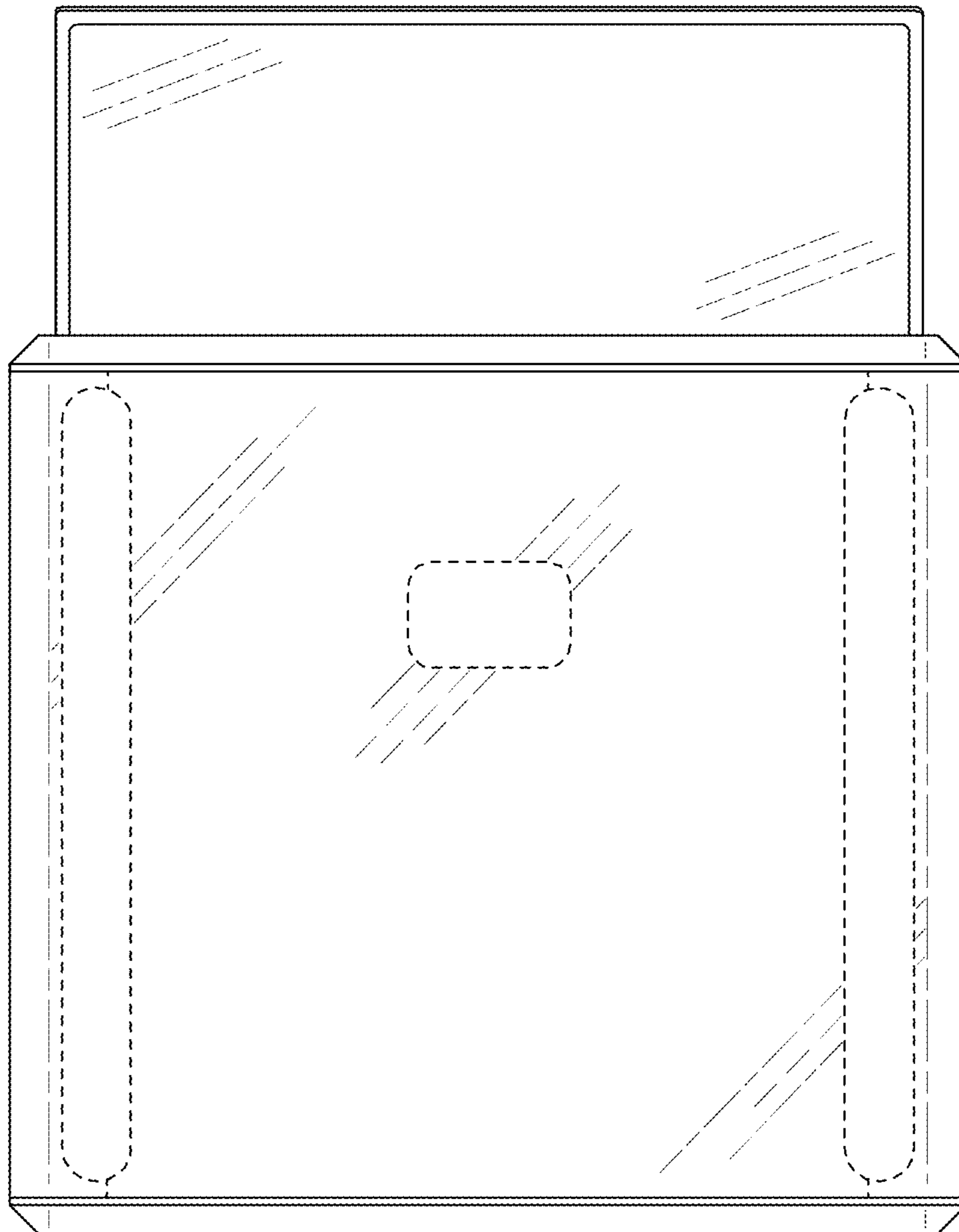


Figure 15