US00D895461S

(12) United States Design Patent

Kang

(10) Patent No.: US D895,461 S
(45) Date of Patent: ** Sep. 8, 2020

(54) **CONTROLLER FOR ANALYZER**

(71) Applicant: **SHIMADZU CORPORATION**, Kyoto (JP)

(72) Inventor: **Hyeri Kang**, Kyoto (JP)

(73) Assignee: **SHIMADZU CORPORATION**, Kyoto (JP)

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

(21) Appl. No.: **29/678,243**

(22) Filed: **Jan. 27, 2019**

(30) **Foreign Application Priority Data**

Jul. 27, 2018 (JP) 2018-016427

(51) **LOC (12) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/81**; D24/216

(58) **Field of Classification Search**
USPC D10/49, 81; D24/216, 232, 233, 234
CPC .. G01N 21/00; G01N 21/01; G01N 2201/022; G01N 2201/0221; G01N 2201/0222; G01N 2201/0224; G01N 2201/0225; G01N 2201/0227; G01N 2201/0228; G01N 2201/024; G01N 2201/0245; G01N 2021/0112–21/958; G01N 2021/0106–2021/9586; G01N 35/00–35/1097; G01N 2035/00019–2035/1093; G01N 2204/022–2204/0228; G01N 30/02; G01N 30/60; G01N 30/6004; G01N 30/6017; G01N 30/6021; G01N 30/6026; G01N 30/603; G01N 30/6034; G01N 30/6039; G01N 30/6043; G01N 30/6047; G01N 30/6052; G01N 30/606; G01N 30/6065; G01N 30/6069; G01N 30/6073; G01N 30/6078; G01N 30/6082; G01N 30/6086; G01N 30/6095; G01N 30/62; G01N 30/64; G01N 30/66; G01N 30/68; G01N 30/70; G01N 30/72; G01N 30/7206; G01N 30/7213; G01N 30/722; G01N 30/7233; G01N 30/724; G01N 30/7246; G01N 30/7253; G01N 30/726; G01N 30/7266; G01N 30/7273; G01N 30/728; G01N 30/7286; G01N 30/7293; G01N 30/74; G01N 30/76; G01N 30/78; G01N 30/80;
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

9,023,640 B2 * 5/2015 Williams G01N 33/12 435/287.3
D870,910 S * 12/2019 Livingston D24/216
(Continued)

Primary Examiner — Antoine Duval Davis
(74) *Attorney, Agent, or Firm* — JCIPRNET

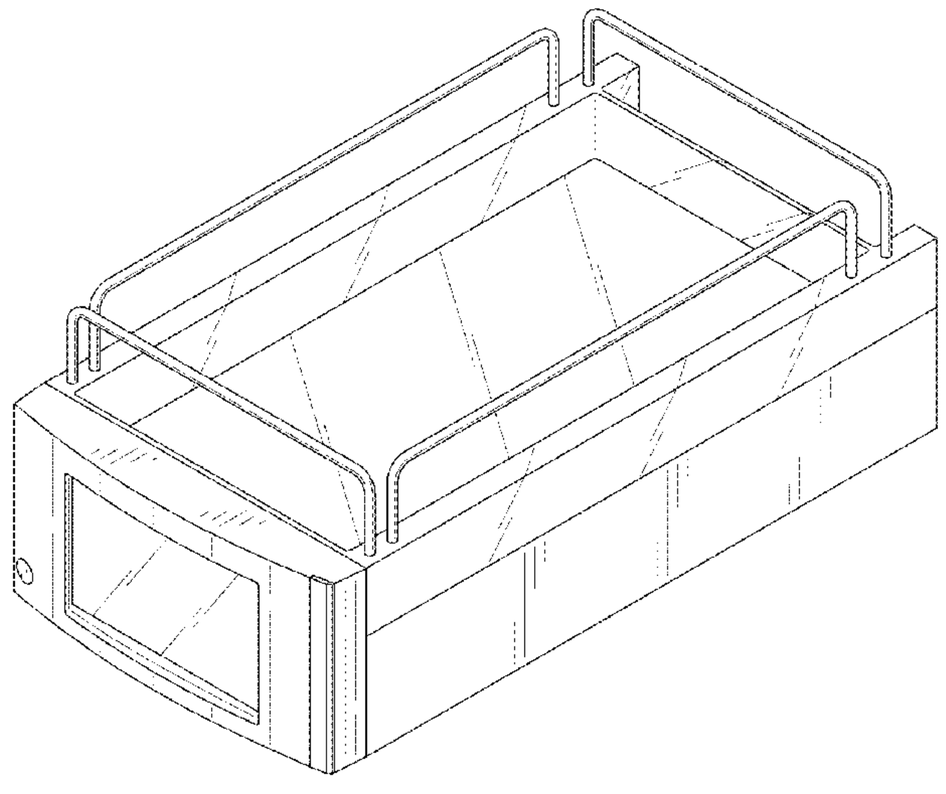
(57) **CLAIM**

The ornamental design for controller for analyzer, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of controller for analyzer showing my new design;
FIG. **2** is a front view thereof;
FIG. **3** is a rear view thereof;
FIG. **4** is a left side view thereof;
FIG. **5** is a right side view thereof;
FIG. **6** is a top view thereof;
FIG. **7** is a bottom view thereof; and,
FIG. **8** is a cross-sectional view taken along line **8-8** in FIG. **2** with the internal parts omitted.
The dashed broken lines in FIG. **8** illustrate portions of the controller for analyzer and form no part of the claimed design. The oblique line shading depicted on the upper tray of the controller for analyzer indicates that the upper tray is translucent.

1 Claim, 6 Drawing Sheets



(58) **Field of Classification Search**
CPC G01N 30/82; G01N 30/84; G01N 30/86; G01N 30/8603; G01N 30/8606; G01N 30/861; G01N 30/8613; G01N 30/8617; G01N 30/8624; G01N 30/8627; G01N 30/8631; G01N 30/8634; G01N 30/8637; G01N 30/8641; G01N 30/8644; G01N 30/8651; G01N 30/8655; G01N 30/8658; G01N 30/8662; G01N 30/8665; G01N 30/8668; G01N 30/8672; G01N 30/8675; G01N 30/8679; G01N 30/8682; G01N 30/8686; G01N 30/8689; G01N 30/8693; G01N 30/8696; G01N 30/88; G01N 30/89; G01N 30/90; G01N 30/91; G01N 30/92; G01N 30/93; G01N 30/94; G01N 30/95; G01N 30/96; G01N 2030/022; G01N 2030/025; G01N 2030/027; G01N 2030/6008; G01N 2030/6013; G01N 2030/6056; G01N 2030/621; G01N 2030/623; G01N 2030/625; G01N 2030/626; G01N 2030/628; G01N 2030/642; G01N 2030/645; G01N 2030/647; G01N 2030/685; G01N 2030/7226; G01N 2030/743; G01N 2030/746; G01N 2030/765; G01N 2030/77; G01N 2030/862; G01N 2030/8648; G01N 2030/8804; G01N 2030/8809; G01N 2030/8813; G01N 2030/8818; G01N 2030/8822; G01N 2030/8827; G01N 2030/8831; G01N 2030/8836; G01N 2030/884; G01N 2030/8845; G01N 2030/885; G01N 2030/8854; G01N 2030/8859; G01N 2030/8863; G01N 2030/8868; G01N 2030/8872; G01N 2030/8877; G01N 2030/8881; G01N 2030/8886; G01N 2030/889; G01N 2030/8895; G01N 2030/903; G01N 2030/906; G01N 2030/945; G01N 2030/965; B01D 15/424; B01D 15/22; B01D 15/08; B01D 15/165; B01D 15/168; B01D 15/1878; B01D 15/1892; B01D 15/265; B01D 15/30; B01D 15/305; B01D 15/32; B01D 15/34; B01D 15/345; B01D 15/3804; B01D 15/3809; B01D 15/3828; B01D 15/3833; B01D 15/3838; B01D 15/3842
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D870,913 S * 12/2019 Kang D24/216
D870,914 S * 12/2019 Kang D24/216

* cited by examiner

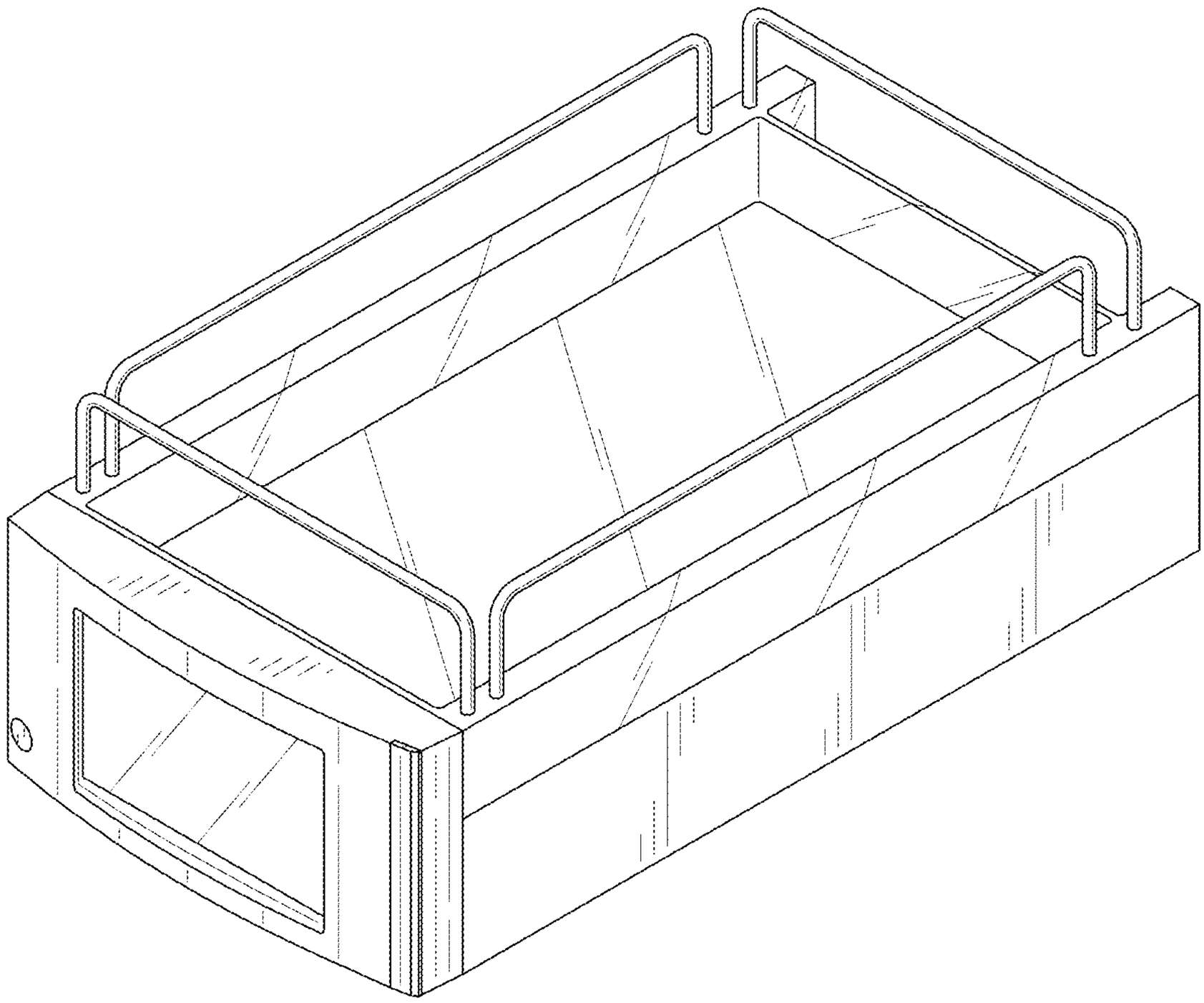


FIG. 1

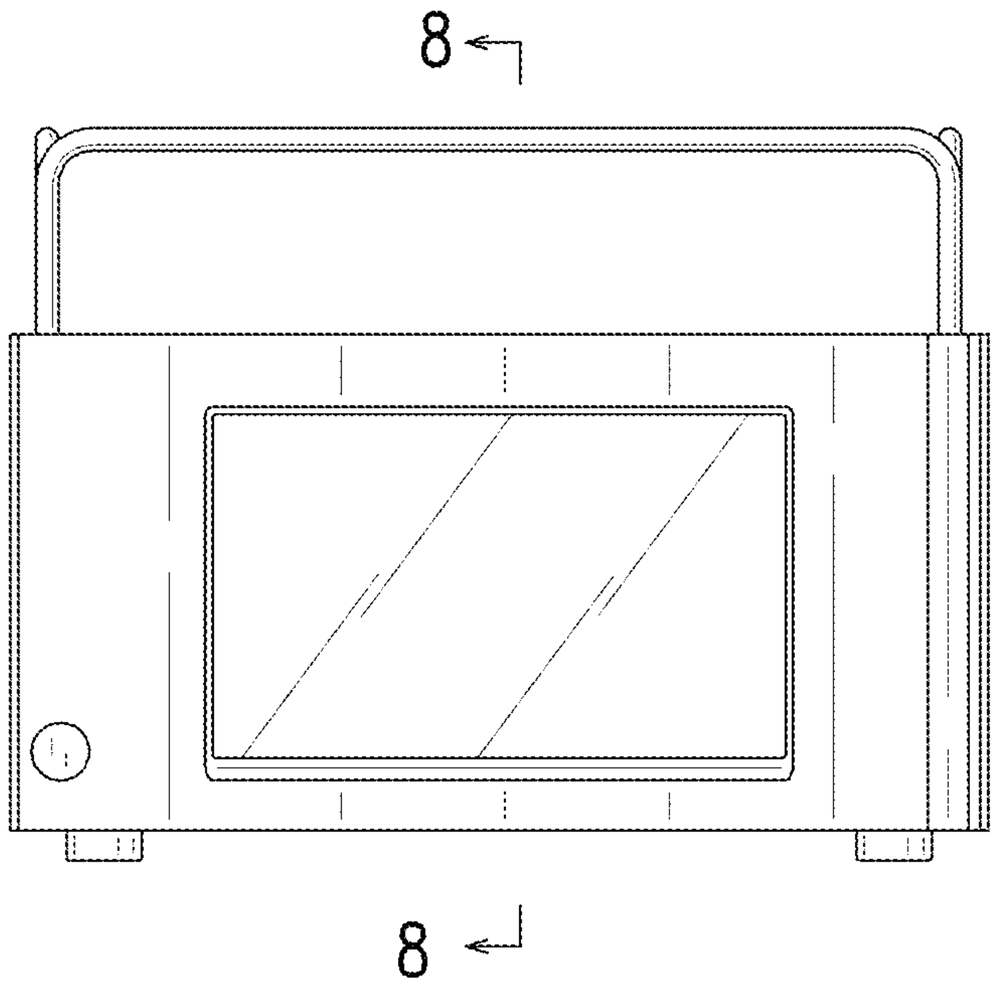


FIG. 2

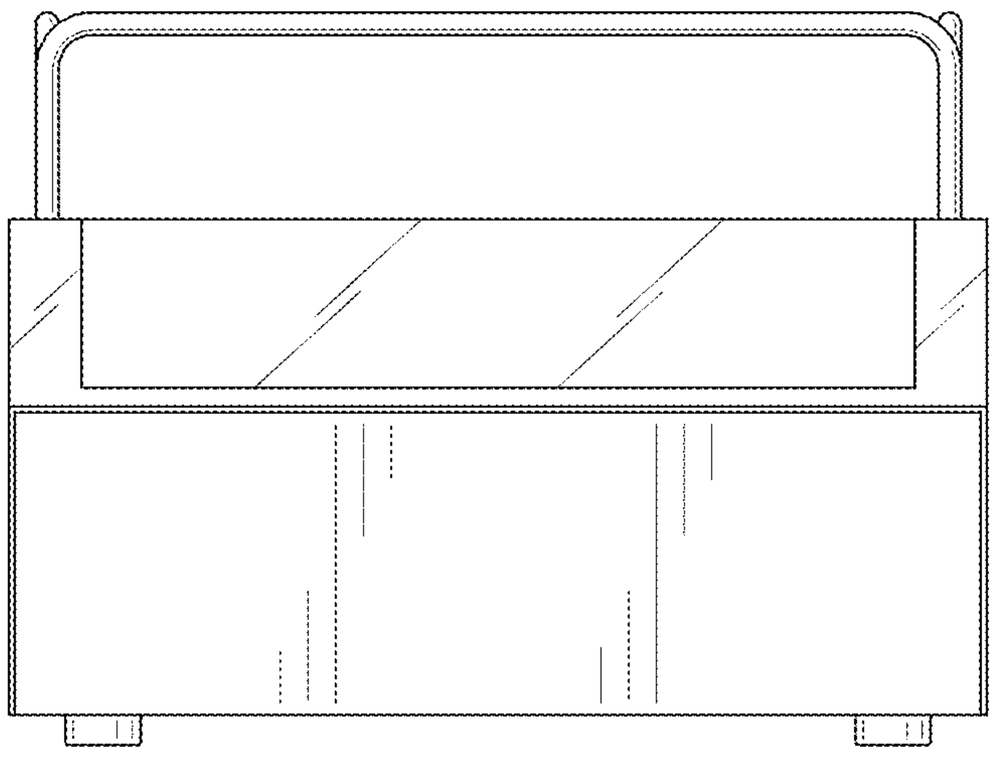


FIG. 3

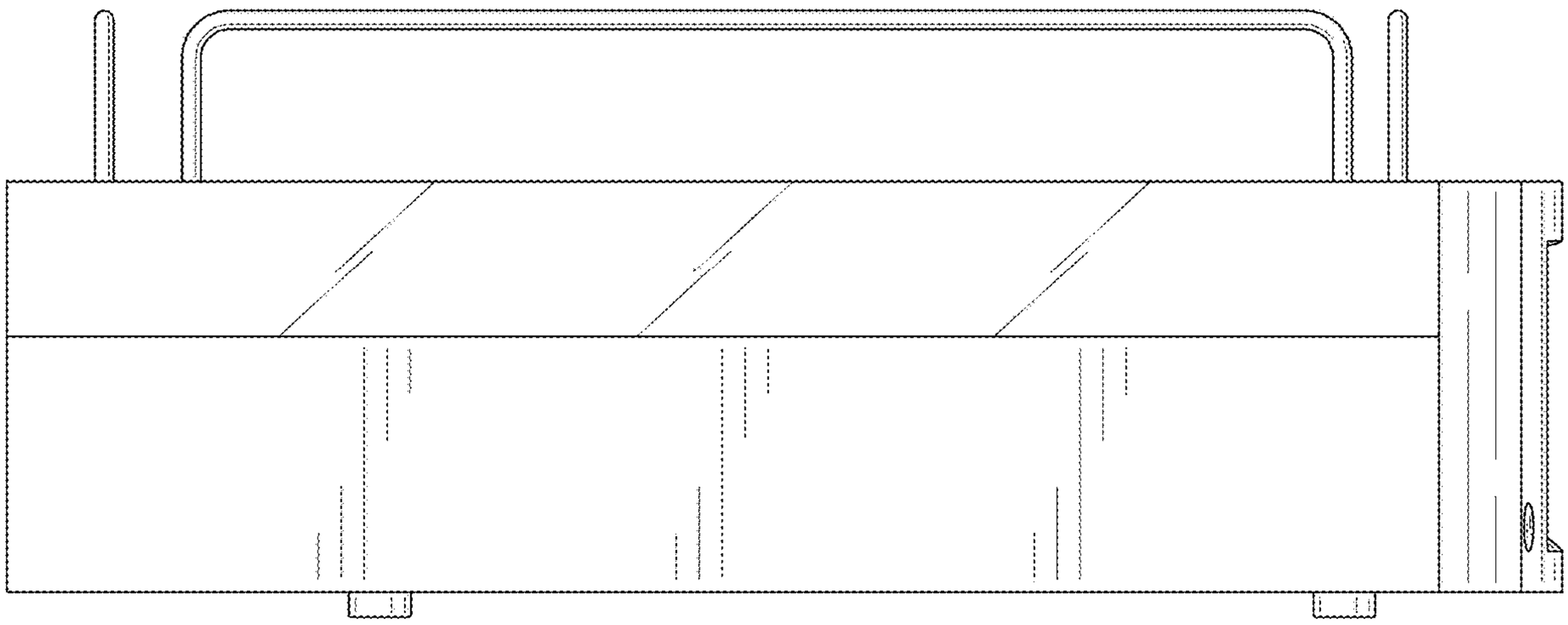


FIG. 4

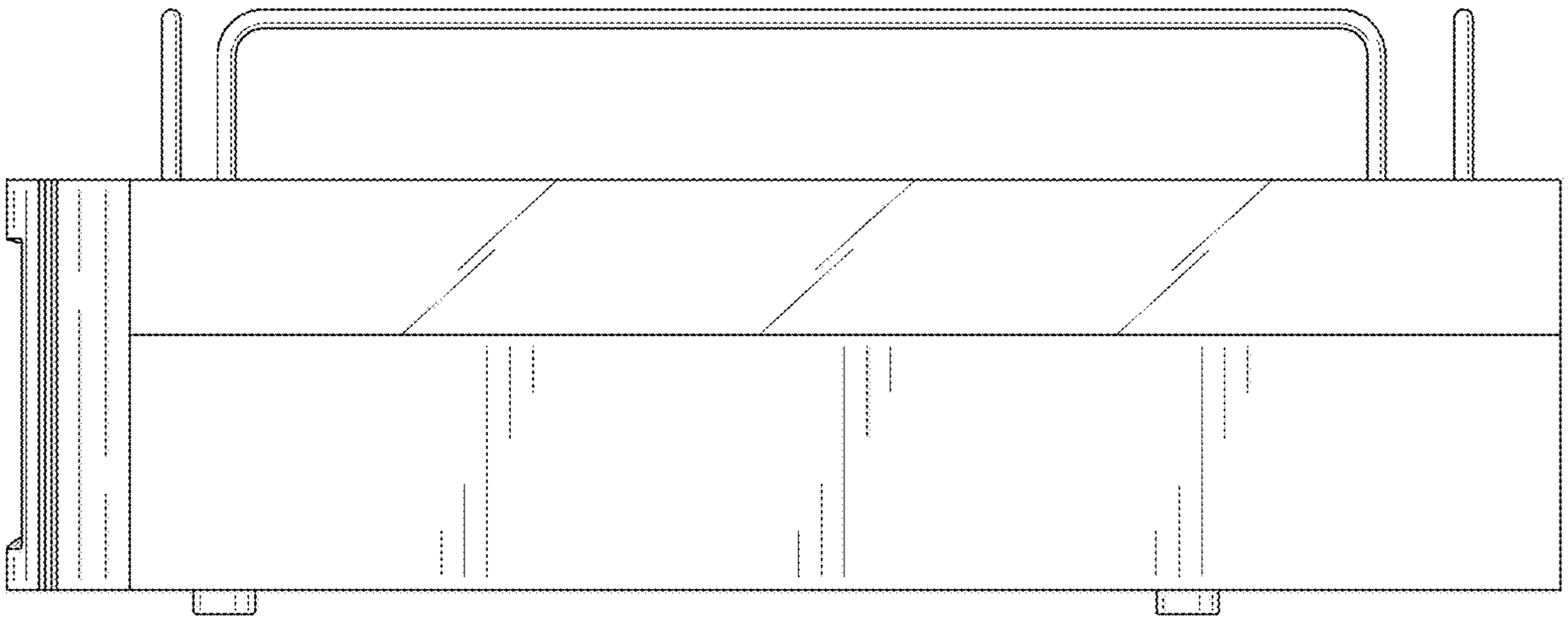


FIG. 5

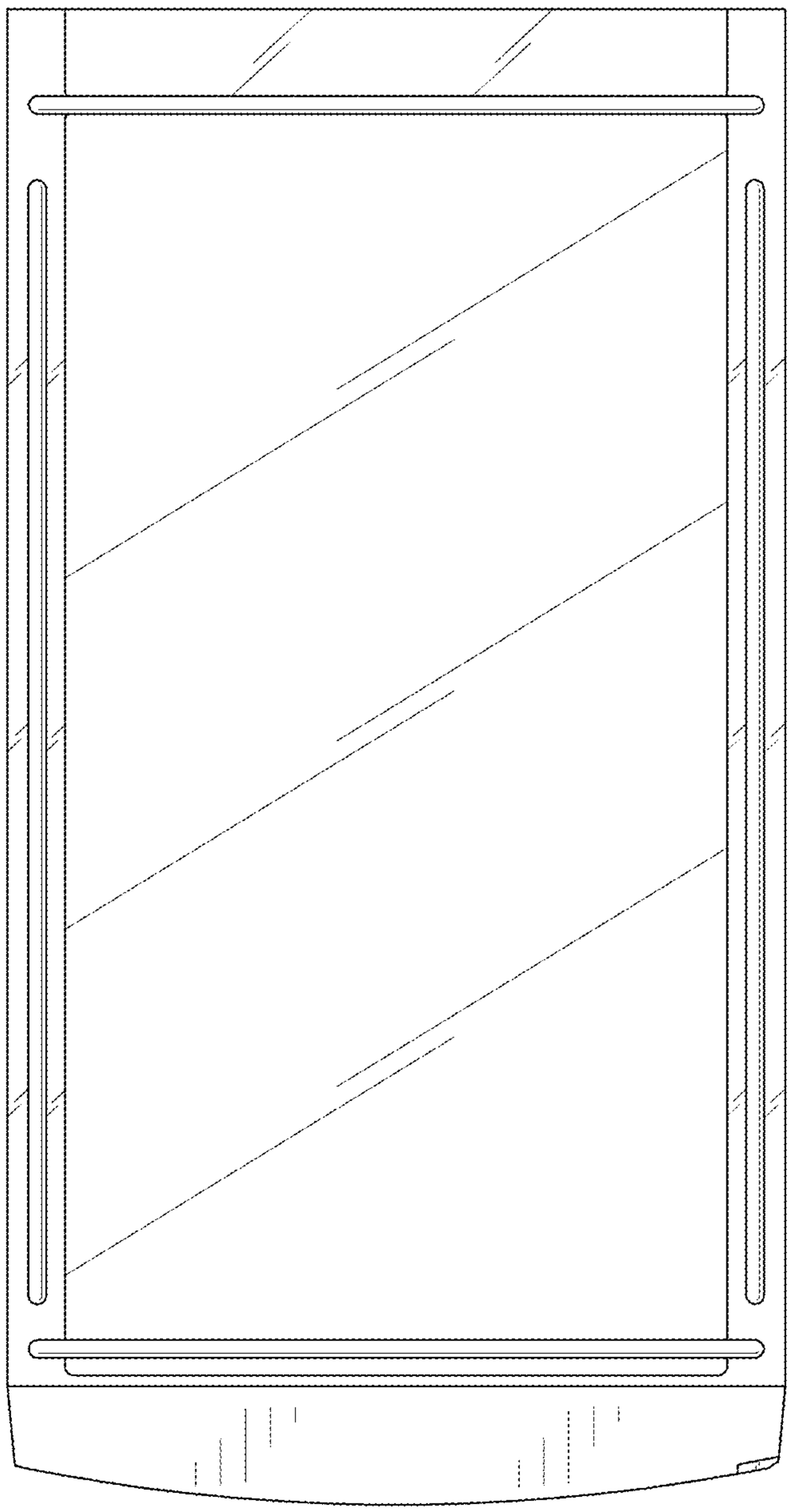


FIG. 6

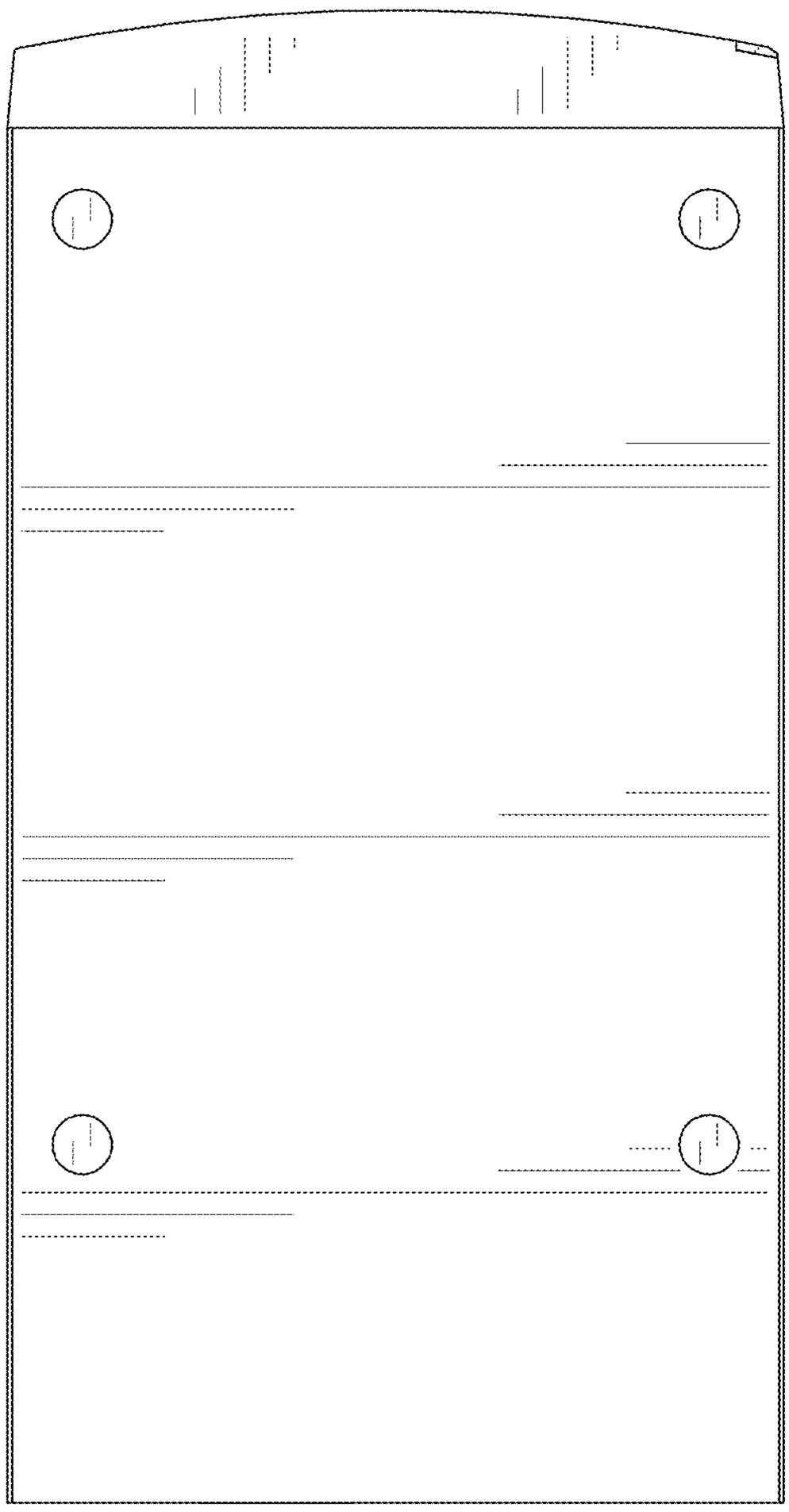


FIG. 7

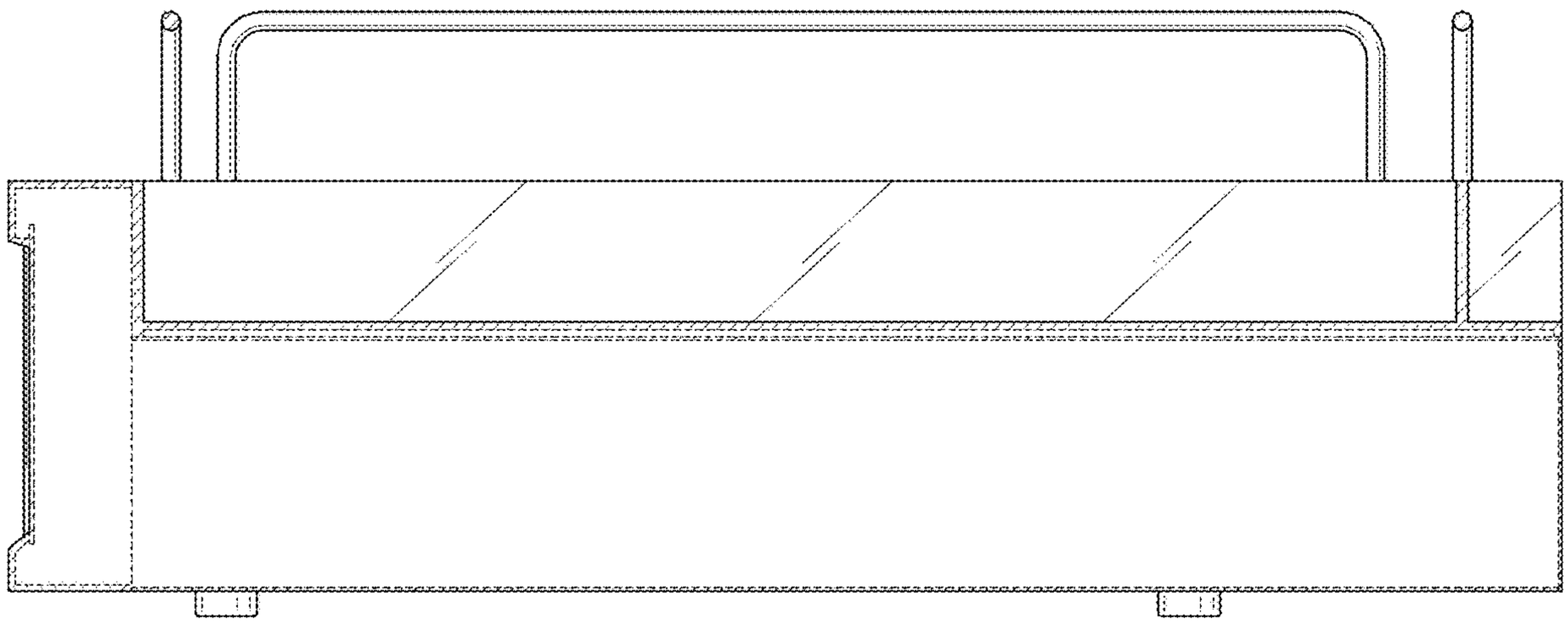


FIG. 8