



US00D988301S

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

(10) **Patent No.:** **US D988,301 S**
(45) **Date of Patent:** **** Jun. 6, 2023**

(54) **REPEATER FOR COMMUNICATIONS APPARATUS**

(71) Applicant: **SHENZHEN HUAPTEC CO., LTD.**,
Shenzhen (CN)

(72) Inventors: **Yanwei Wang**, Shenzhen (CN);
Zhiping Chen, Shenzhen (CN)

(73) Assignee: **SHENZHEN HUAPTEC CO., LTD.**,
Shenzhen (CN)

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

(21) Appl. No.: **29/803,518**

(22) Filed: **Aug. 13, 2021**

(30) **Foreign Application Priority Data**

Aug. 3, 2021 (CN) 202130497682.2

(51) **LOC (14) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/240**

(58) **Field of Classification Search**
USPC D14/240, 242, 357, 358, 140-140.9, 155,
D14/125, 348, 349, 351, 354, 355
CPC H04L 12/00; H03K 17/00; H04W 88/00;
H04W 88/005; H04W 88/02; H04W
88/08; H04W 88/085; H04W 88/10;
H04W 88/12; H04W 88/14; H04B 1/38
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D339,349 S * 9/1993 Hayasaka D14/188
D599,754 S * 9/2009 Xie D14/125
D664,130 S * 7/2012 Lee D14/240
D670,277 S * 11/2012 Huang D14/240

8,412,265 B2 * 4/2013 Wu H04M 1/0264
396/326
D712,901 S * 9/2014 Daniel D14/240
D782,476 S * 3/2017 Yamazaki D14/240
D815,077 S * 4/2018 Sibley D14/242

FOREIGN PATENT DOCUMENTS

CN 307107868 * 2/2022

* cited by examiner

Primary Examiner — Bridget L Eland

(57) **CLAIM**

The ornamental design for a repeater for communications apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a bottom, front and right side perspective view of a repeater for communications apparatus showing my new design;

FIG. 2 is a top, rear and left side perspective view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a left side elevational view thereof;

FIG. 6 is a right side elevational view thereof;

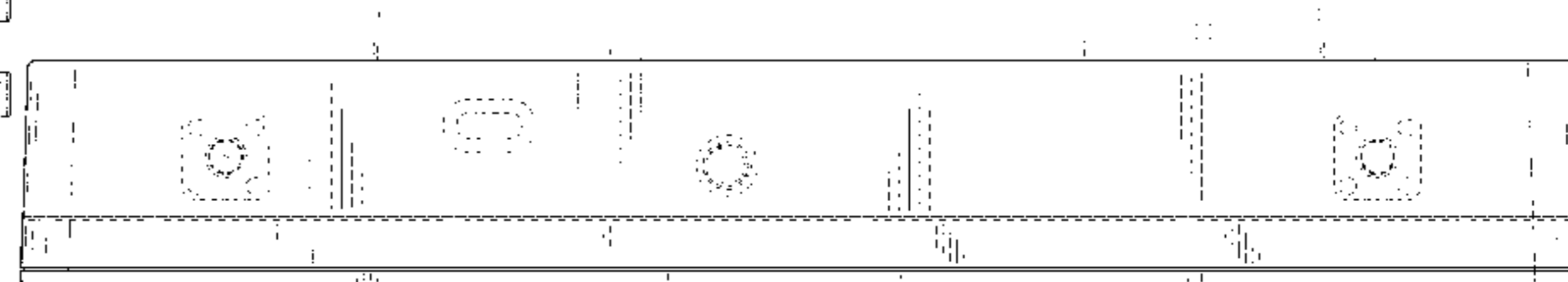
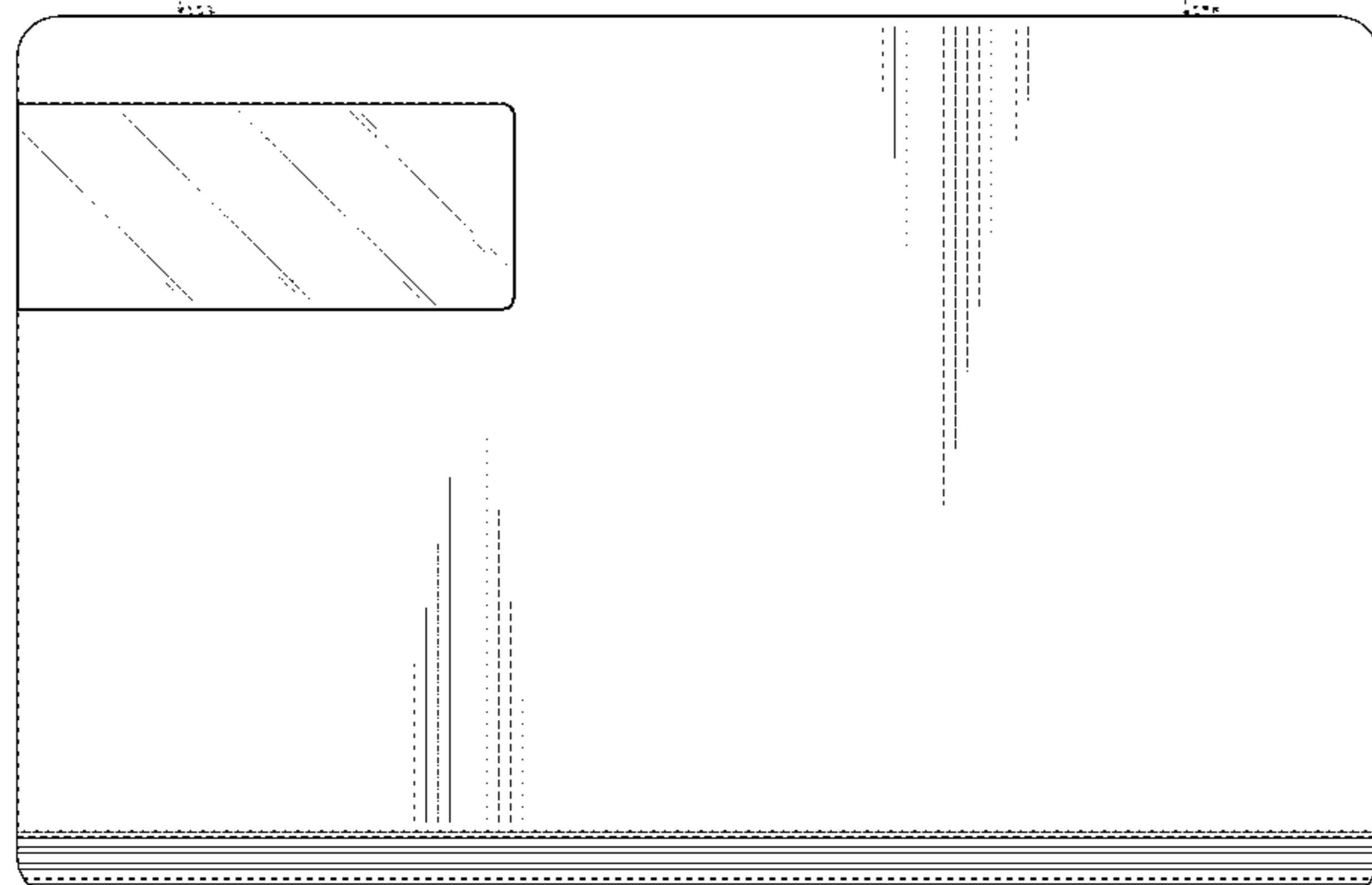
FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof; and,

FIG. 9 is an enlarged view of the repeater for communications apparatus shown within the area designated as 9 in FIG. 1.

The broken lines in the drawings are for the purpose of illustrating portions of the repeater for communications apparatus that form no part of the claimed design. The dot-dashed broken line in FIG. 9 shows the boundary of the enlarged view and forms no part of the claimed design.

1 Claim, 9 Drawing Sheets



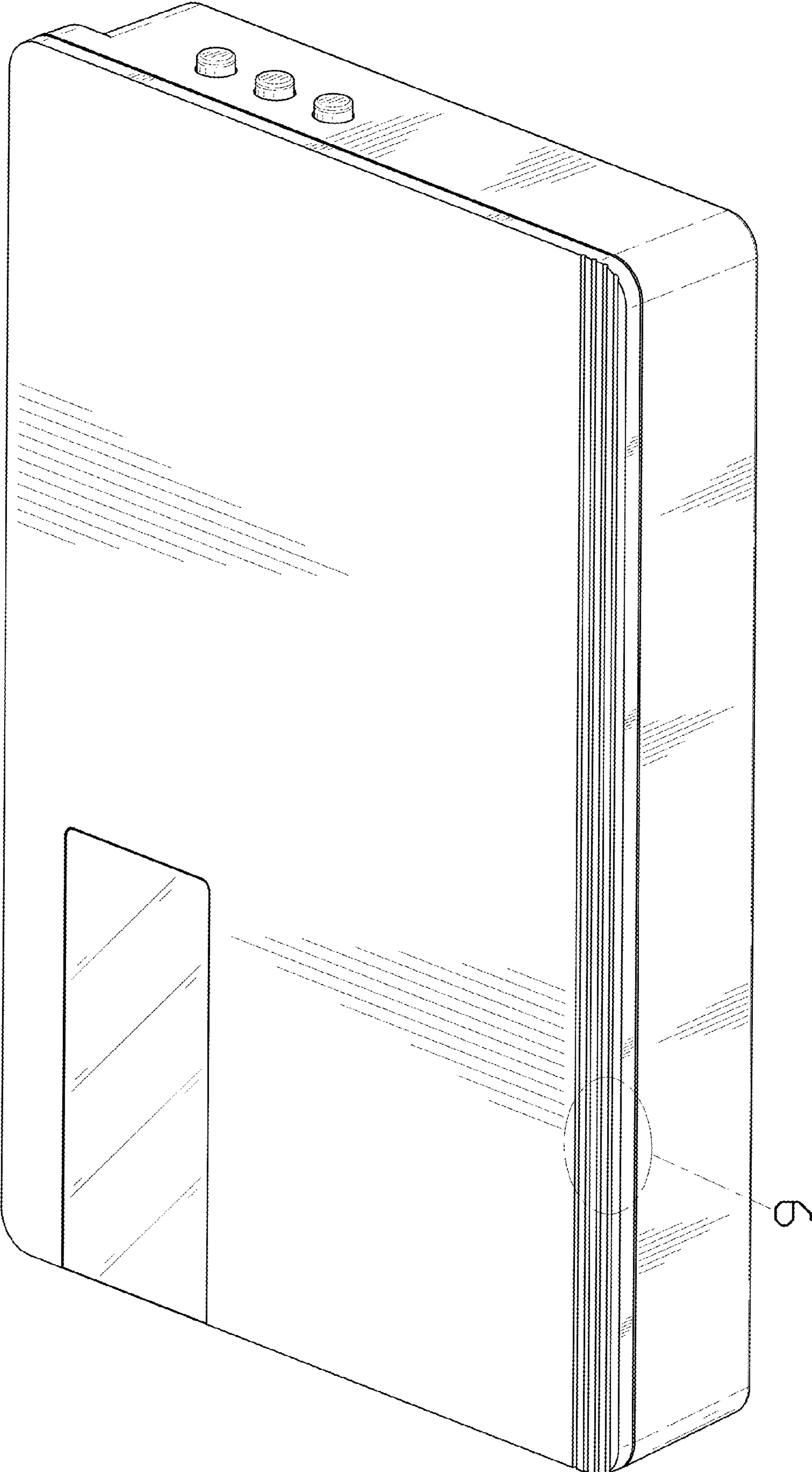


FIG. 1

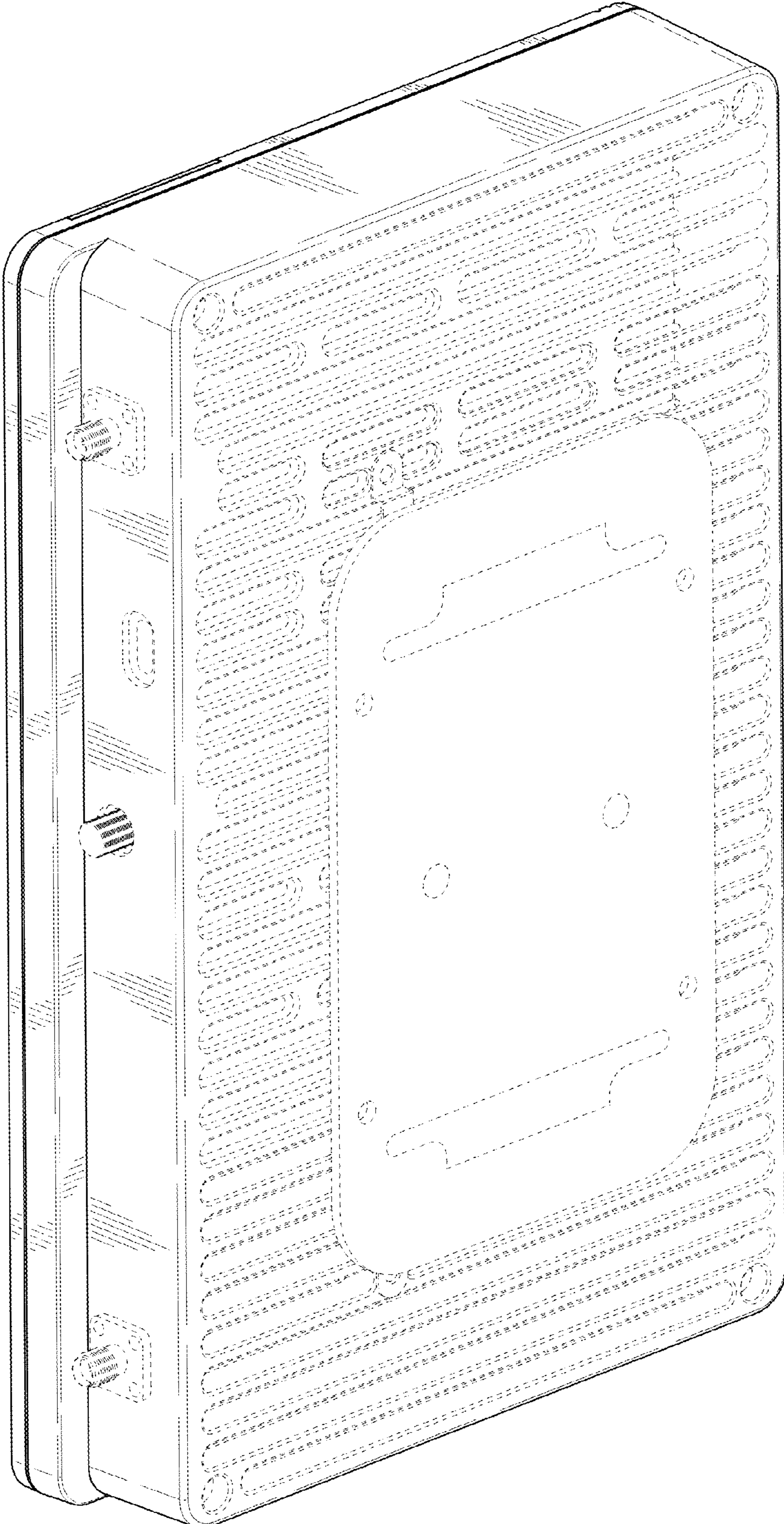


FIG. 2

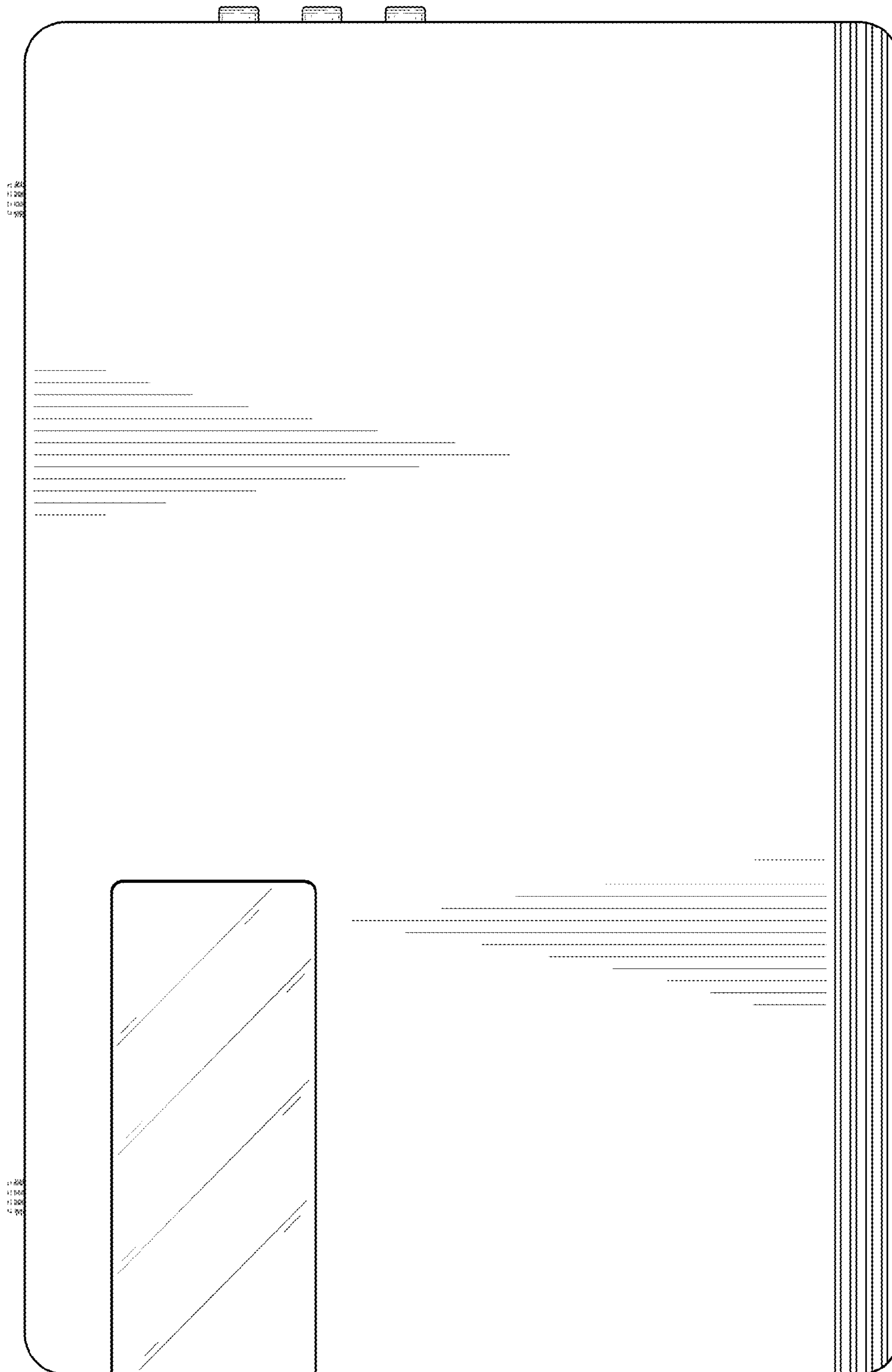


FIG. 3

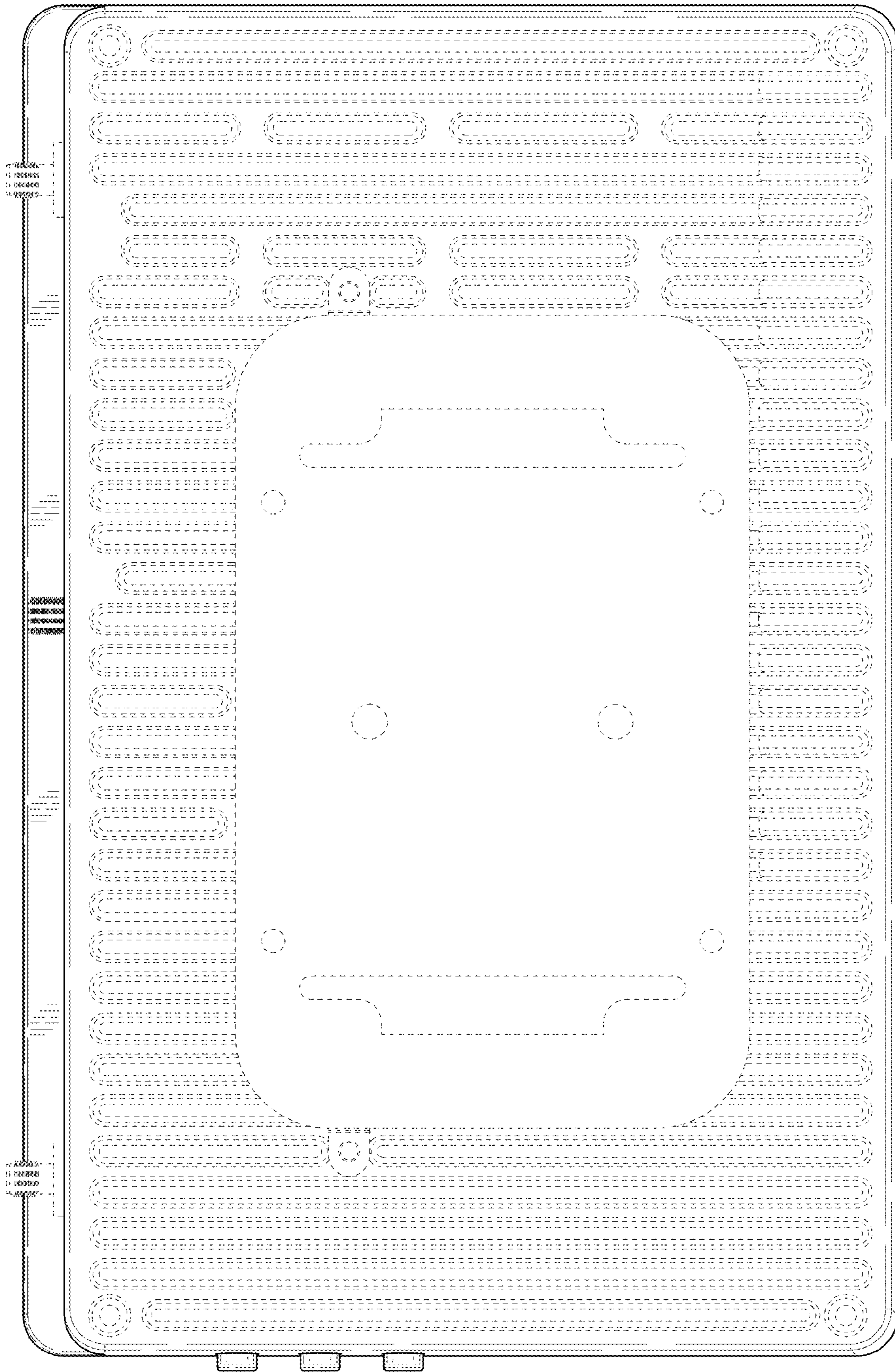


FIG. 4

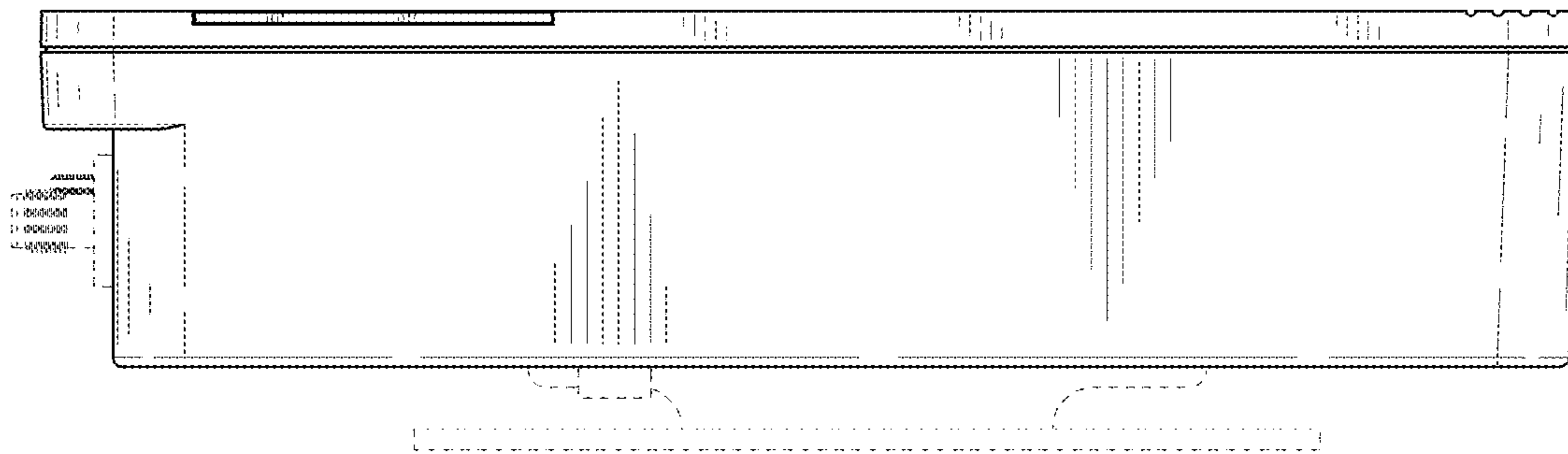


FIG. 5

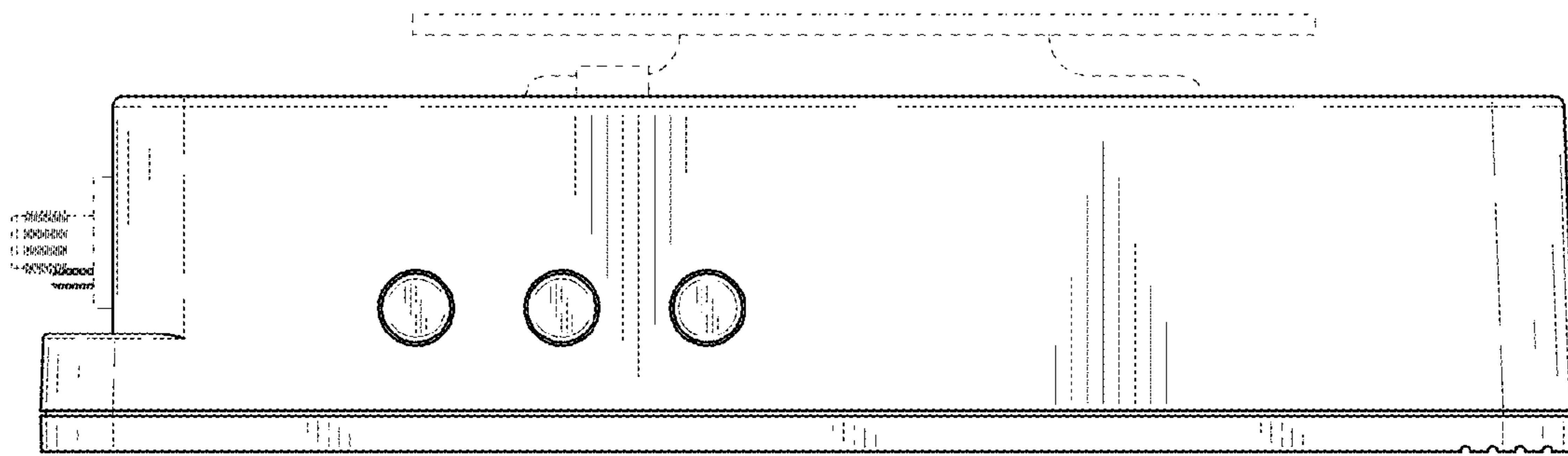


FIG. 6

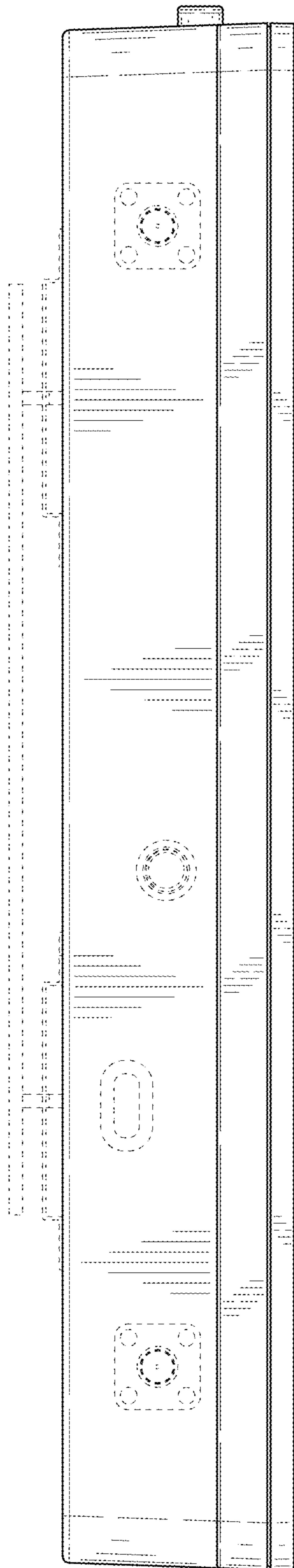


FIG. 7

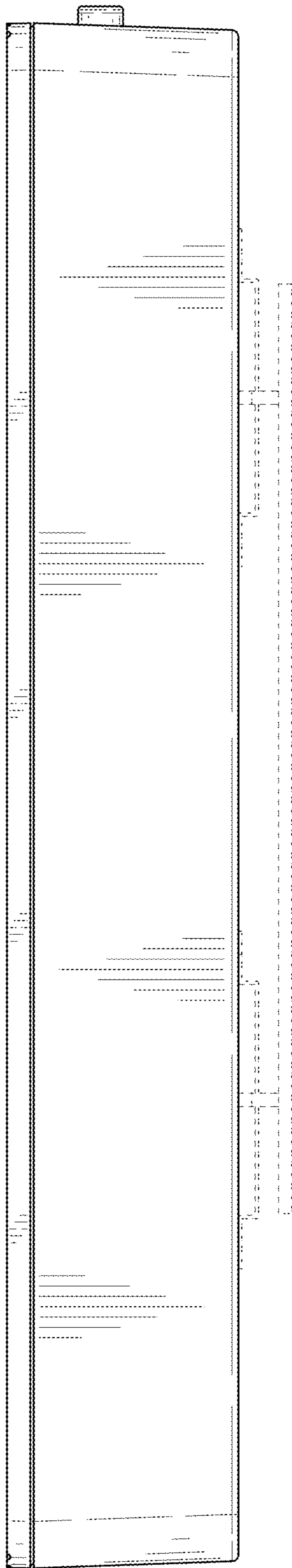


FIG. 8

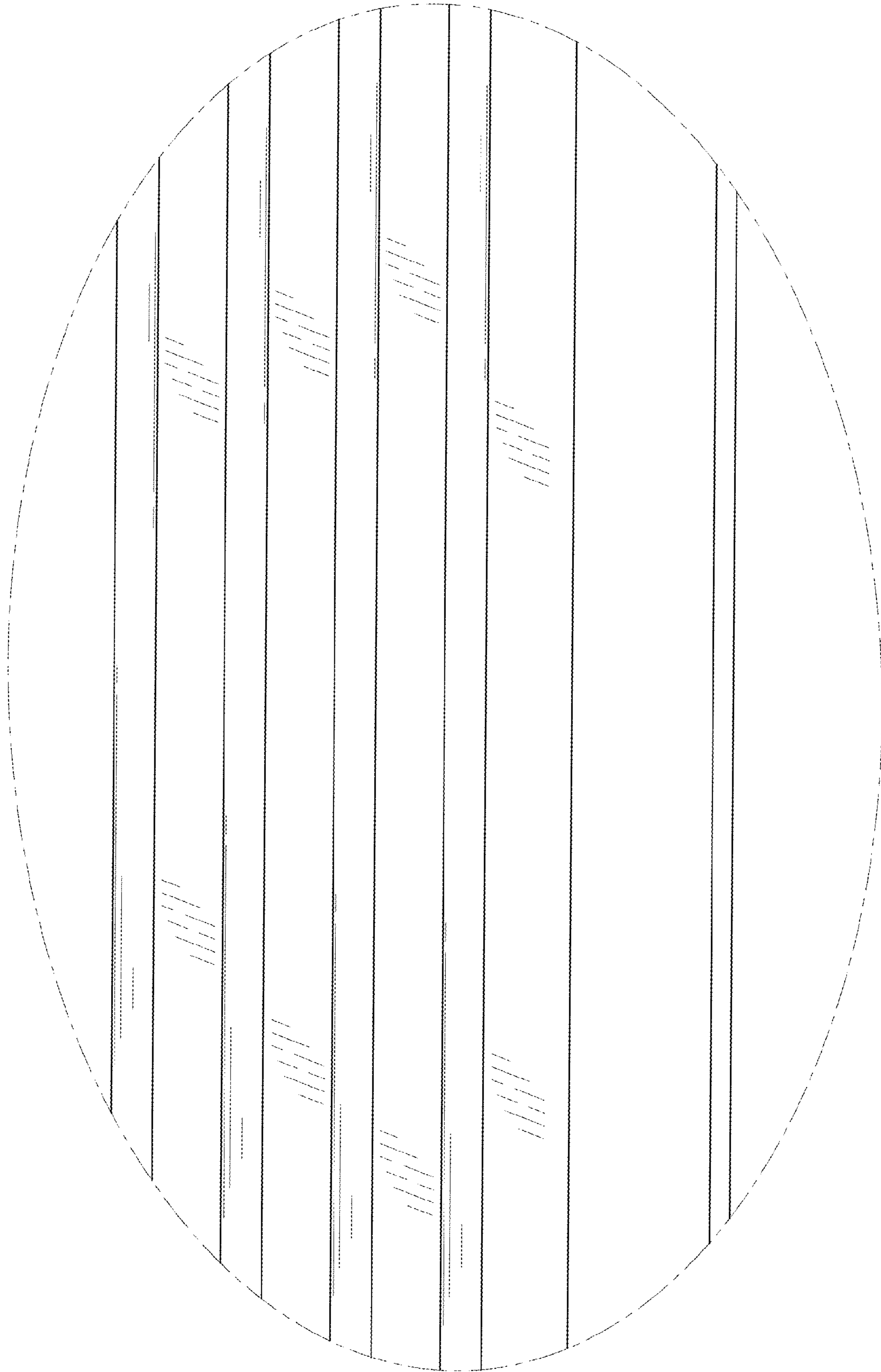


FIG. 9