



US00D946763S

(12) **United States Design Patent** (10) **Patent No.:** **US D946,763 S**  
**Ubbesen et al.** (45) **Date of Patent:** **\*\* Mar. 22, 2022**

(54) **PORTABLE MEDICAL MONITOR**

(71) Applicant: **AMBU A/S**, Ballerup (DK)

(72) Inventors: **Line Sandahl Ubbesen**, Holte (DK);  
**Brian Nielsen**, Næstved (DK); **Henrik  
Frengler**, Værløse (DK); **Nai-Hua  
Chen**, Kaohsiung (TW)

(73) Assignee: **AMBU A/S**, Ballerup (DK)

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

(21) Appl. No.: **29/725,069**

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

(51) **LOC (13) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/186**

(58) **Field of Classification Search**  
USPC ..... D24/107, 158–161, 185, 186, 187, 137,  
D24/138; D14/315, 328, 336, 371, 448  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D615,199 S \* 5/2010 Zimmerli ..... D24/137  
D695,410 S \* 12/2013 Becker ..... D24/186  
(Continued)

**OTHER PUBLICATIONS**

Ambu launches 4th generation of single-use bronchoscopes. Ambu company announcement on Sep. 25, 2017. Retrieved from website at: <http://www.ambu.com/ascope4broncho>.  
(Continued)

*Primary Examiner* — Anhdao Doan

(74) *Attorney, Agent, or Firm* — Faegre Drinker Biddle & Reath LLP

(57) **CLAIM**

The ornamental design for a portable medical monitor, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a portable medical monitor showing our new design in a first embodiment, and a handle of the portable medical monitor is shown in a first configuration;  
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;  
FIG. 8 is a rear perspective view thereof;  
FIG. 9 is another rear view of the portable medical monitor of the first embodiment, and the handle is shown in a second configuration;  
FIG. 10 is another left side view of the portable medical monitor of the first embodiment, and the handle is shown in the second configuration;  
FIG. 11 is another rear view of the portable medical monitor of the first embodiment, and the handle is shown in a third configuration;  
FIG. 12 is another left side view of the portable medical monitor of the first embodiment, and the handle is shown in the third configuration;  
FIG. 13 is a front perspective view of a portable medical monitor showing our new design in a second embodiment, and a handle of the portable medical monitor is shown in a first configuration;  
FIG. 14 is a front view thereof;  
FIG. 15 is a rear view thereof;  
FIG. 16 is a left side view thereof;  
FIG. 17 is a right side view thereof;  
FIG. 18 is a top view thereof;  
FIG. 19 is a bottom view thereof;  
FIG. 20 is a rear perspective view thereof;  
FIG. 21 is another rear view of the portable medical monitor of the second embodiment, and the handle is shown in a second configuration;

(Continued)

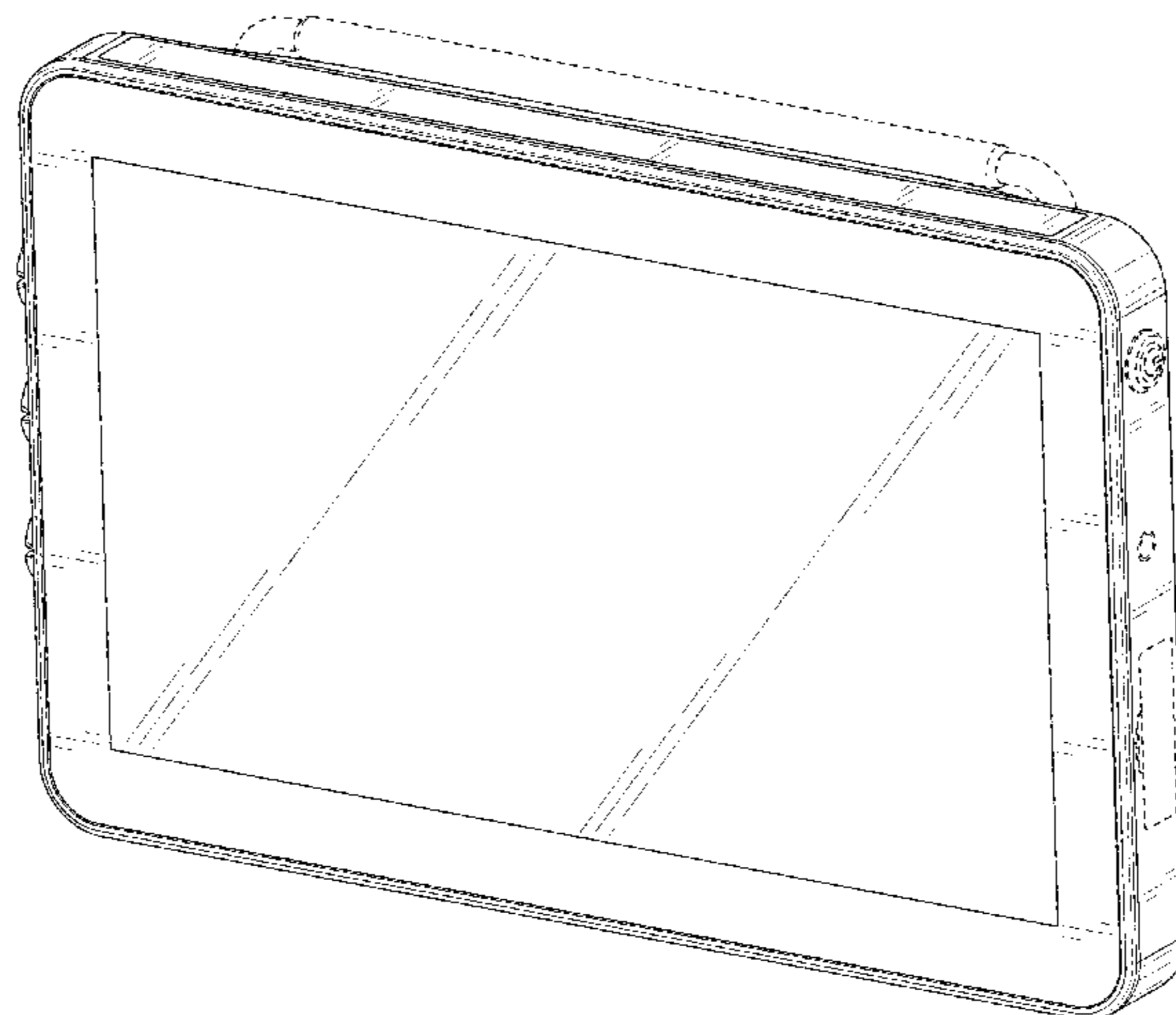


FIG. 22 is another left side view of the portable medical monitor of the second embodiment, and the handle is shown in the second configuration;

FIG. 23 is another rear view of the portable medical monitor of the second embodiment, and the handle is shown in a third configuration;

FIG. 24 is another left side view of the portable medical monitor of the second embodiment, and the handle is shown in the third configuration;

FIG. 25 is a front perspective view of portable medical monitor showing our new design in a third embodiment, and a handle of the portable medical monitor is shown in a first configuration;

FIG. 26 is a front view thereof;

FIG. 27 is a rear view thereof;

FIG. 28 is a left side view thereof;

FIG. 29 is a right side view thereof;

FIG. 30 is a top view thereof;

FIG. 31 is a bottom view thereof;

FIG. 32 is a rear perspective view thereof;

FIG. 33 is another rear view of the portable medical monitor of the third embodiment, and the handle is shown in a second configuration;

FIG. 34 is another left side view of the portable medical monitor of the third embodiment, and the handle is shown in the second configuration;

FIG. 35 is another rear view of the portable medical monitor of the third embodiment, and the handle is shown in a third configuration;

FIG. 36 is another left side view of the portable medical monitor of the third embodiment, and the handle is shown in the third configuration;

FIG. 37 is a front perspective view of a portable medical monitor showing our new design in a fourth embodiment, and a handle of the portable medical monitor is shown in a first configuration;

FIG. 38 is a front view thereof;

FIG. 39 is a rear view thereof;

FIG. 40 is a left side view thereof;

FIG. 41 is a right side view thereof;

FIG. 42 is a top view thereof;

FIG. 43 is a bottom view thereof;

FIG. 44 is a rear perspective view thereof;

FIG. 45 is another rear view of the portable medical monitor of the fourth embodiment, and the handle is shown in a second configuration;

FIG. 46 is another left side view of the portable medical monitor of the fourth embodiment, and the handle is shown in the second configuration;

FIG. 47 is another rear view of the portable medical monitor of the fourth embodiment, and the handle is shown in a third configuration;

FIG. 48 is another left side view of the portable medical monitor of the fourth embodiment, and the handle is shown in the third configuration;

FIG. 49 is a front perspective view of a portable medical monitor showing our new design in a fifth embodiment, and a handle of the portable medical monitor is shown in a first configuration;

FIG. 50 is a front view thereof;

FIG. 51 is a rear view thereof;

FIG. 52 is a left side view thereof;

FIG. 53 is a right side view thereof;

FIG. 54 is a top view thereof;

FIG. 55 is a bottom view thereof;

FIG. 56 is a rear perspective view thereof;

FIG. 57 is another rear view of the portable medical monitor of the fifth embodiment, and the handle is shown in a second configuration;

FIG. 58 is another left side view of the portable medical monitor of the fifth embodiment, and the handle is shown in the second configuration;

FIG. 59 is another rear view of the portable medical monitor of the fifth embodiment, and the handle is shown in a third configuration; and,

FIG. 60 is another left side view of the portable medical monitor of the fifth embodiment, and the handle is shown in the third configuration;

Broken lines illustrate features of the portable medical monitor that form no part of the claimed design.

**1 Claim, 60 Drawing Sheets**

(58) **Field of Classification Search**  
 CPC ..... A61B 1/00004; A61B 1/00048; A61B 1/00052; A61B 1/04  
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D735,343	S	*	7/2015	Dorsey	.....	D24/186
D780,917	S	*	3/2017	Meguro	.....	D24/138
D807,513	S	*	1/2018	Eslava	.....	D24/186
D854,166	S	*	7/2019	Wang	.....	D24/186
D871,589	S	*	12/2019	Oshima	.....	D24/186
D895,122	S	*	9/2020	Benedikter	.....	D24/177
10,835,106	B1	*	11/2020	Ubbesen	.....	A61B 1/00052
D905,249	S	*	12/2020	He	.....	D24/185
D912,639	S	*	3/2021	Chang	.....	D24/185
2018/0303317	A1	*	10/2018	Matthison-Hansen	.....	A61B 1/00066

OTHER PUBLICATIONS

Ambu to launch single-use endoscopy device. May 5, 2020 by Sean Whooley. Retrieved from website at: <https://www.massdevice.com/ambu-to-launch-single-use-endoscopy-device/>.\*

Ambu aView Brochure, Ambu Ltd., Mar. 2016, 2 pages.

GlideScope Core Brochure, Verathon Inc., Jan. 16, 2020, 6 pages.

The NEW Ambu aView Brochure, Ambu Ltd., Mar. 2016, 2 pages.

\* cited by examiner

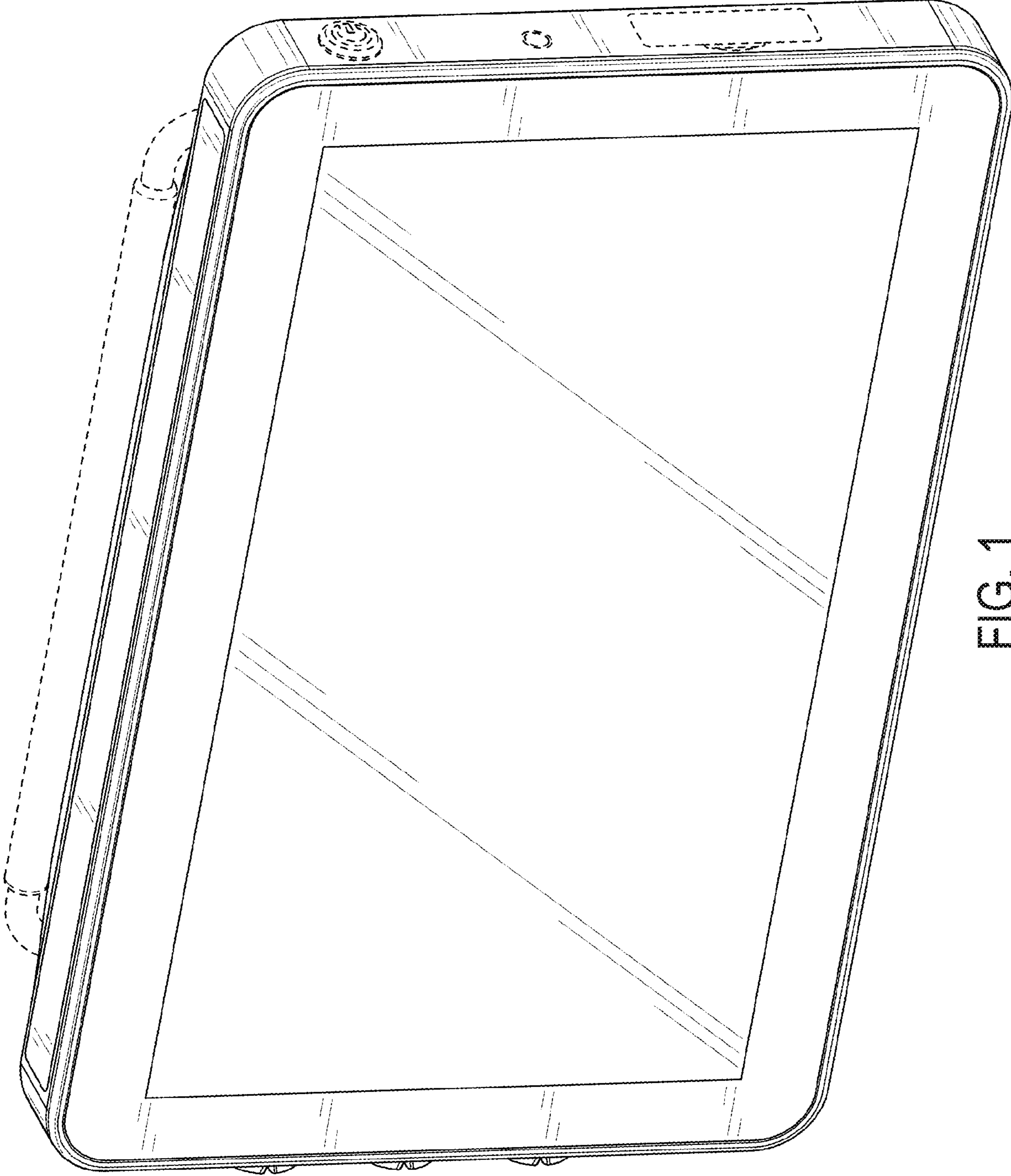


FIG. 1

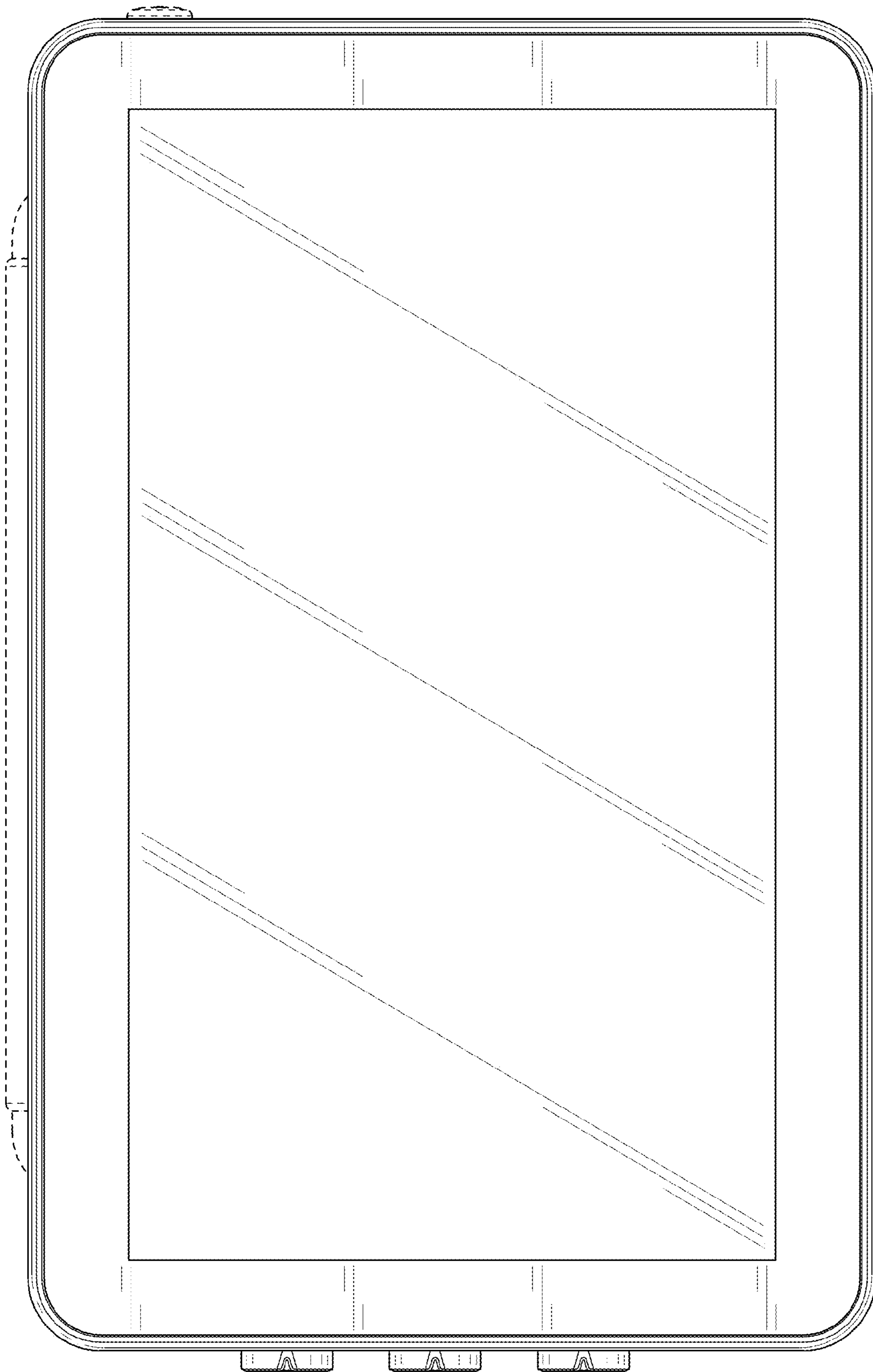


FIG. 2

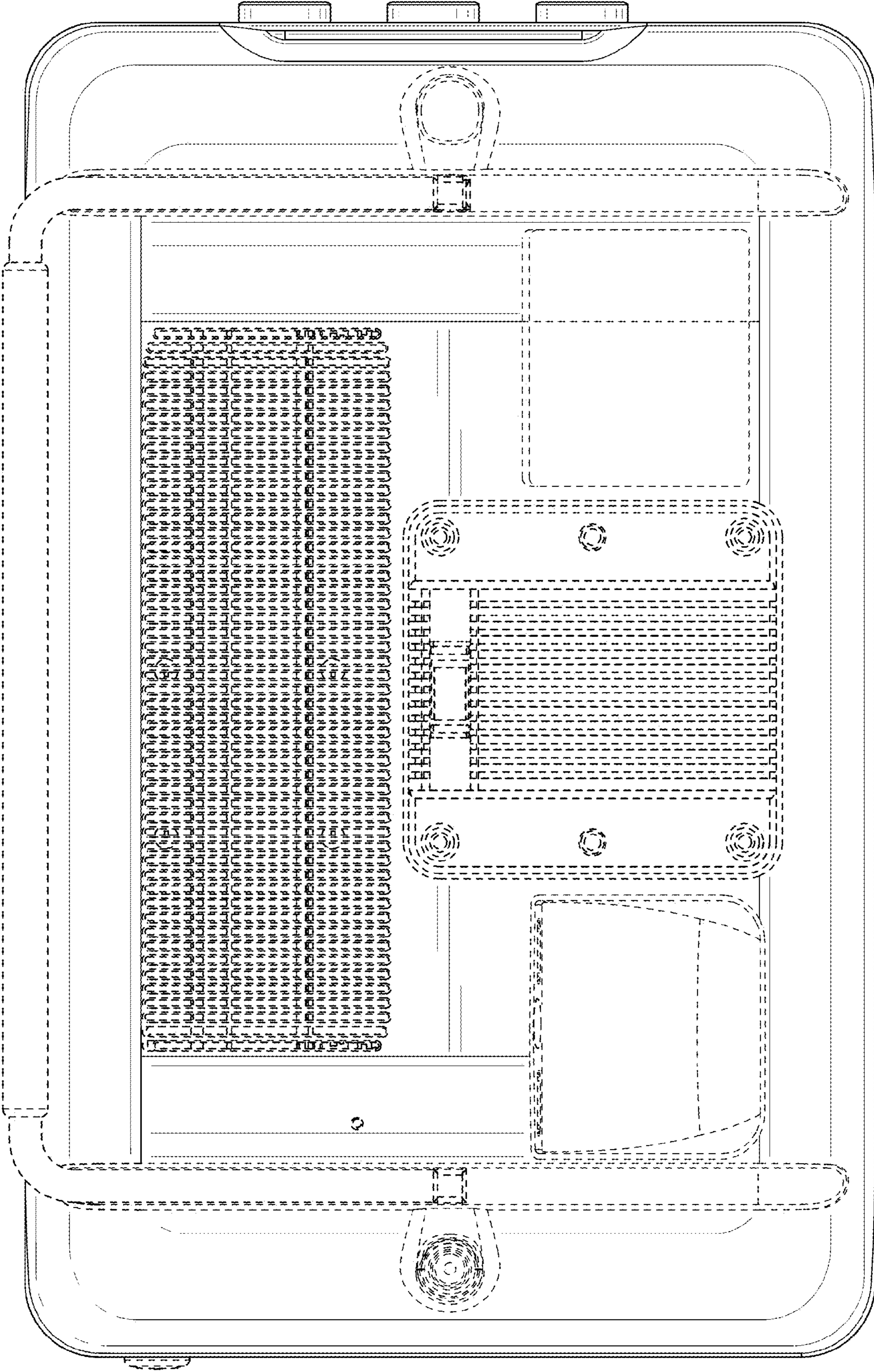


FIG. 3

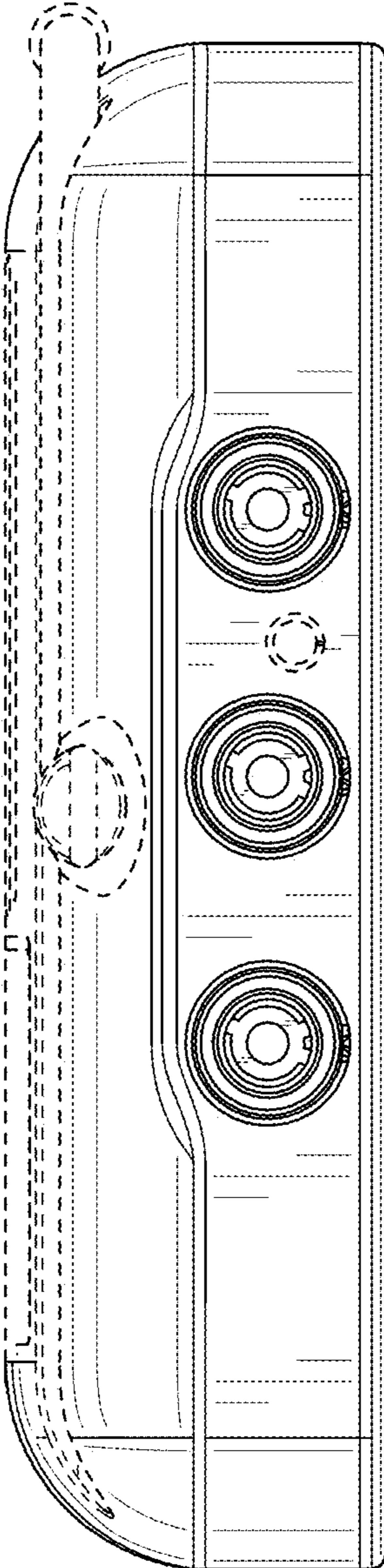


FIG. 4

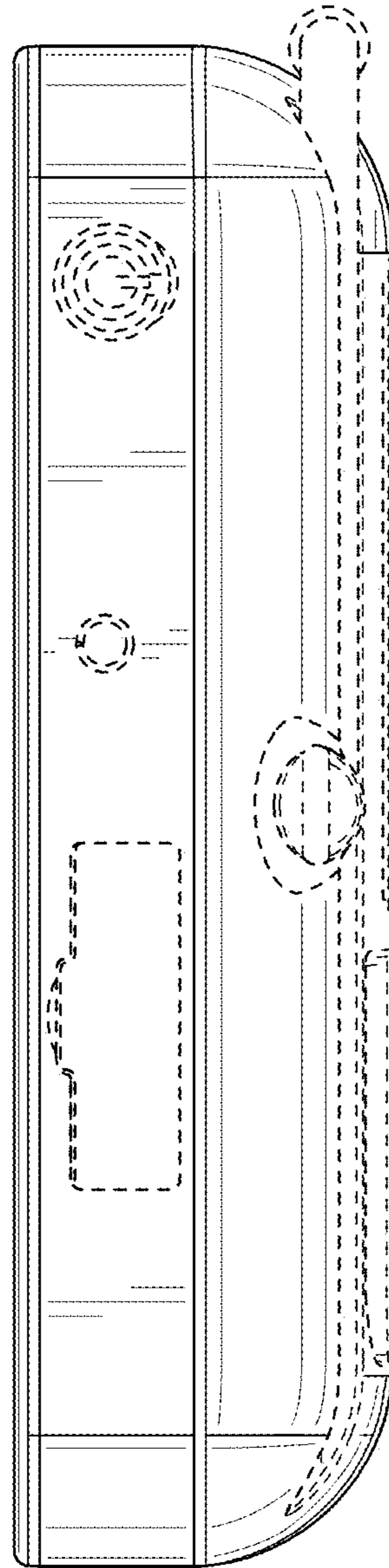


FIG. 5

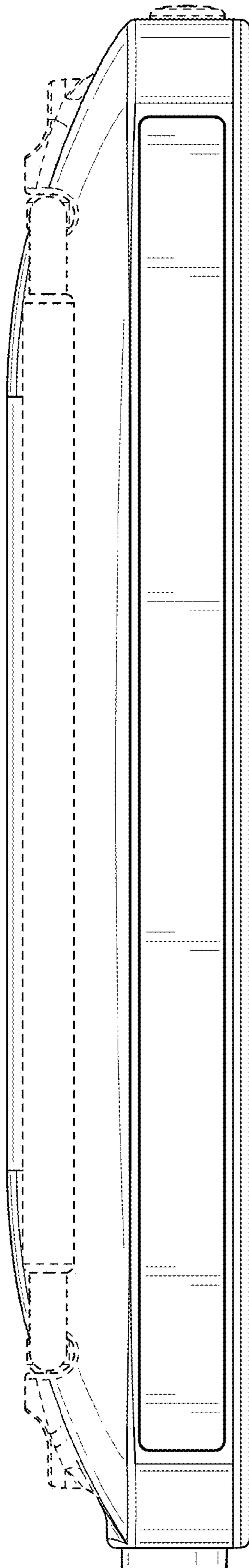


FIG. 6



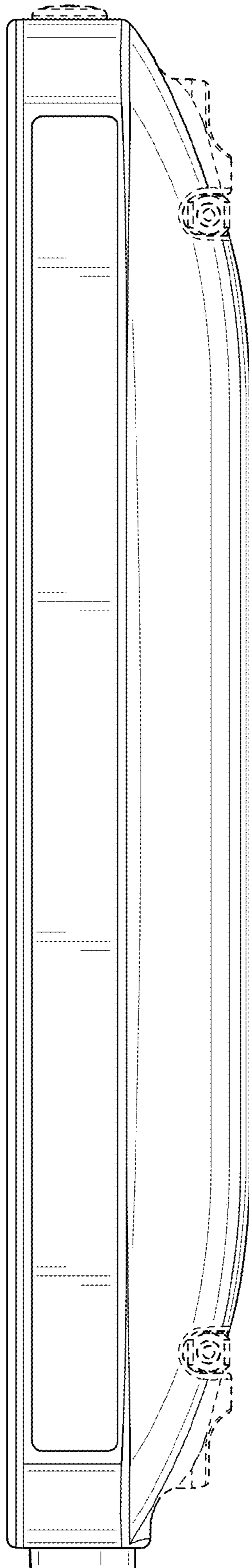


FIG. 7

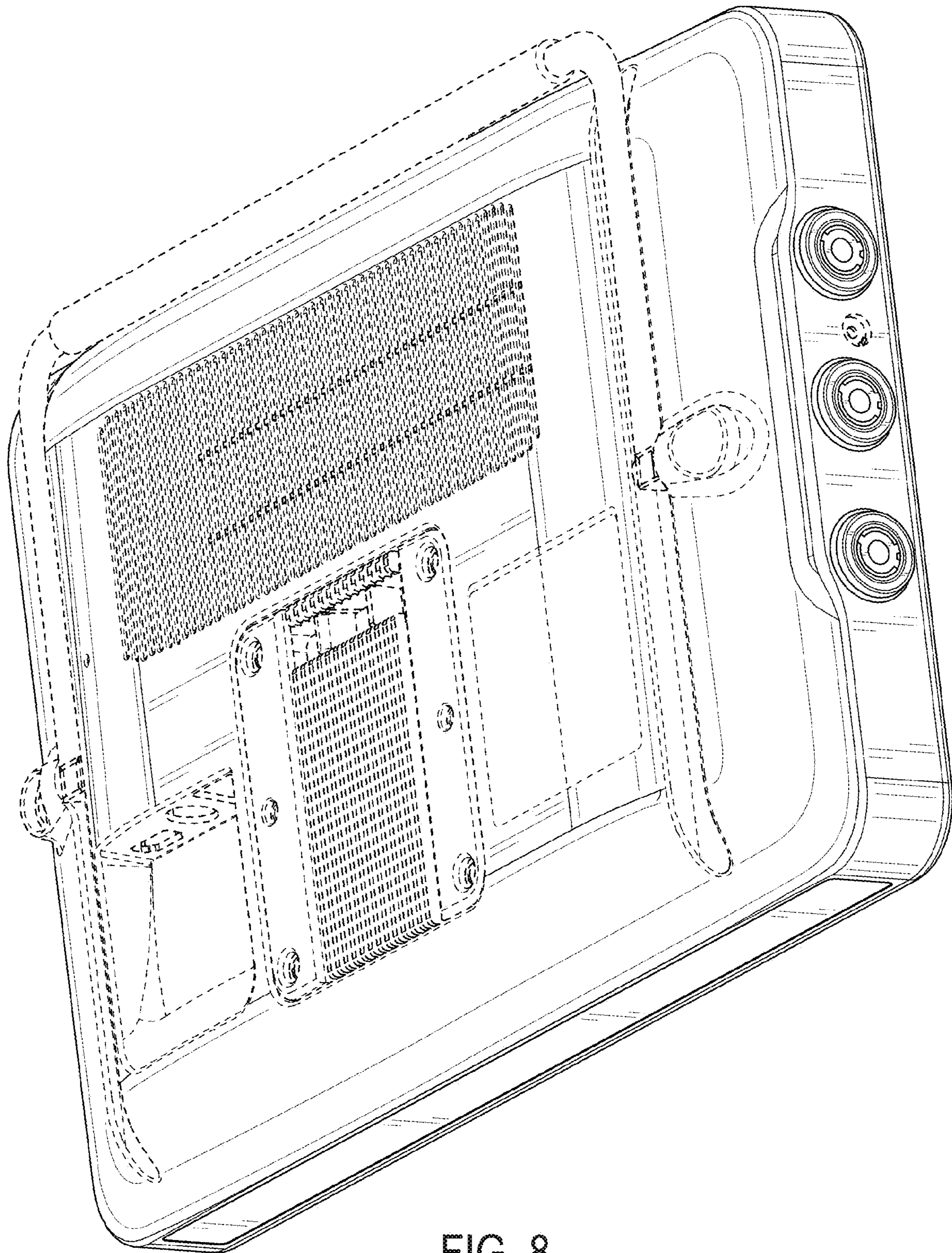


FIG. 8

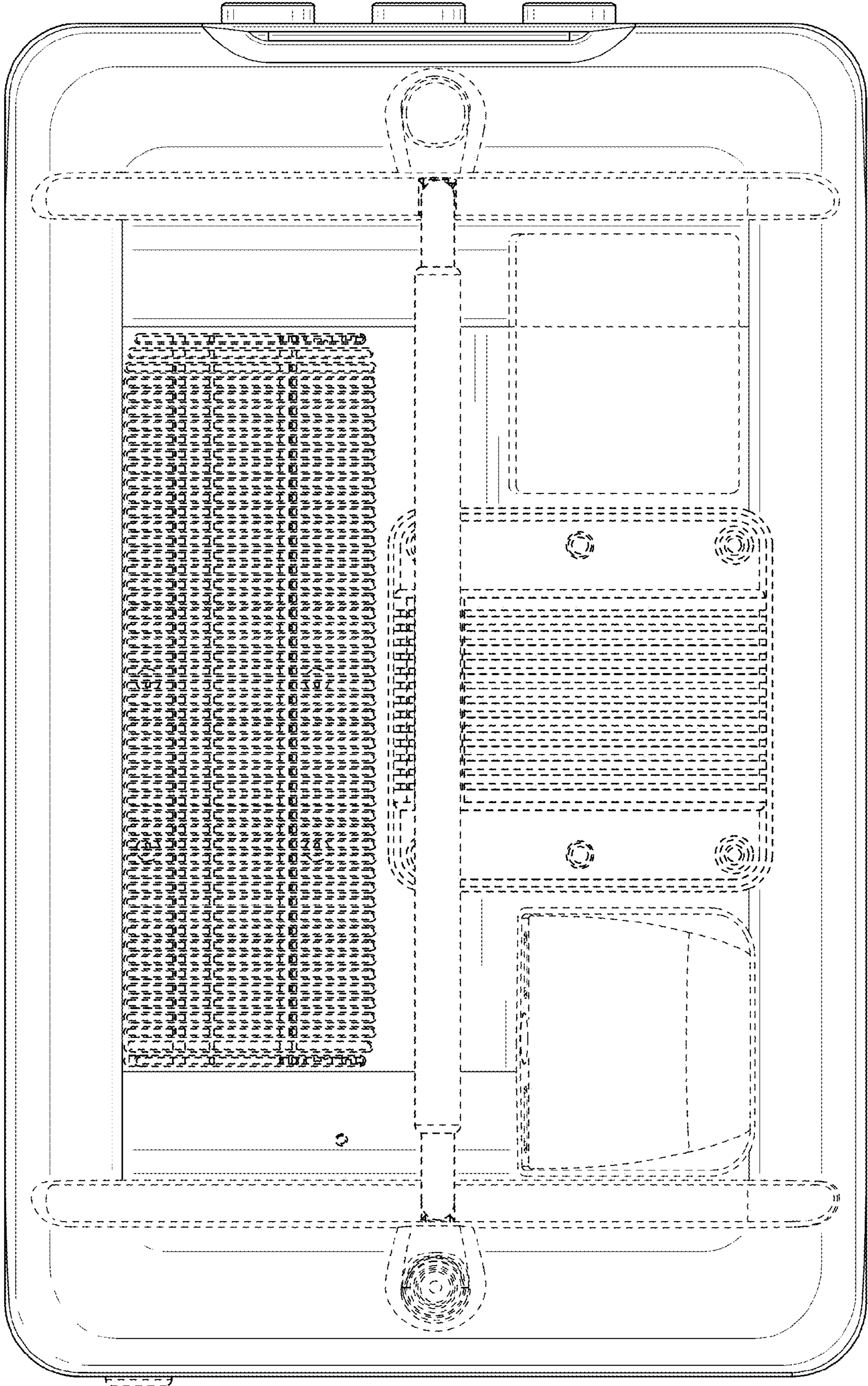


FIG. 9

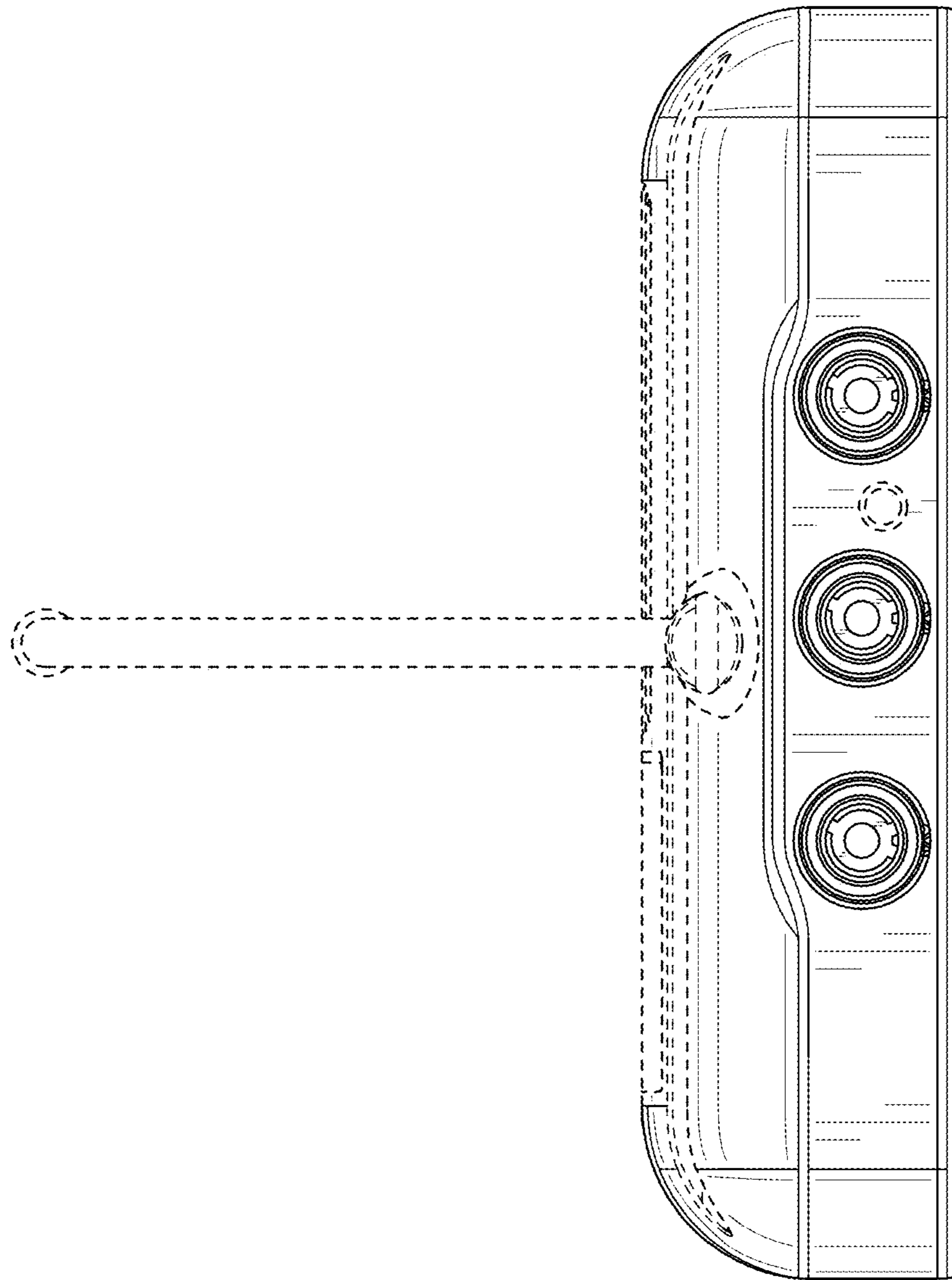


FIG. 10

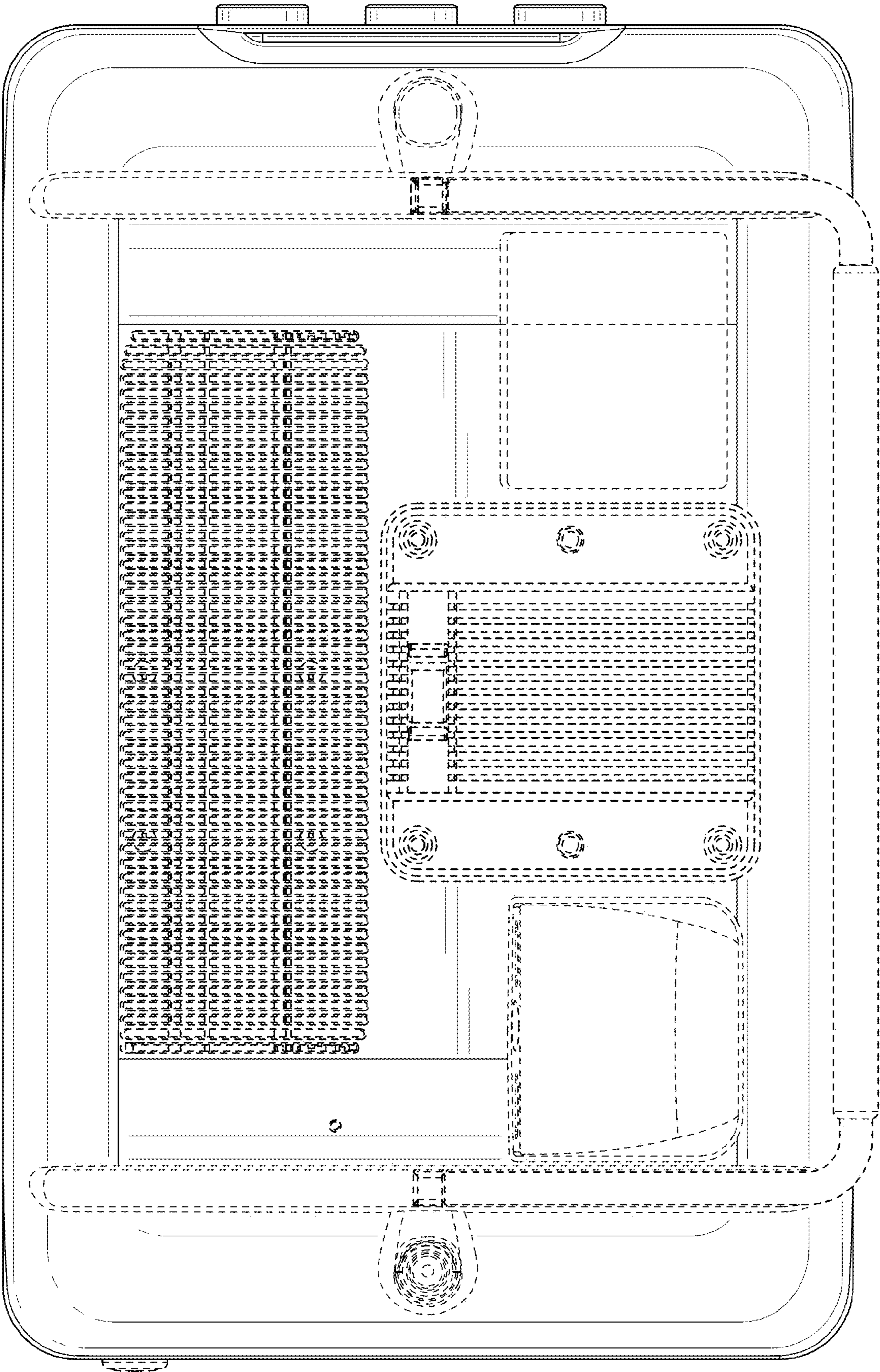


FIG. 11

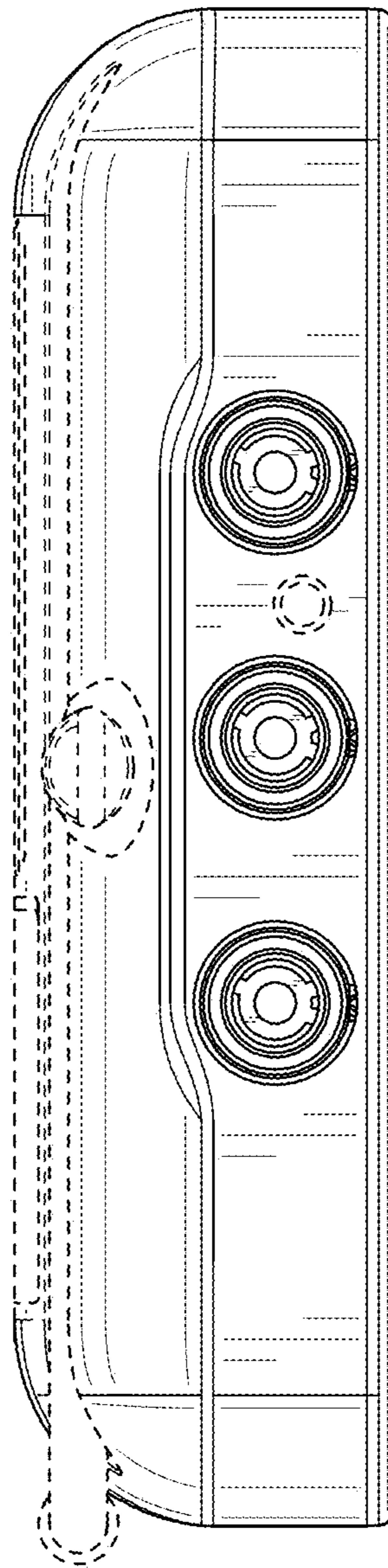


FIG. 12

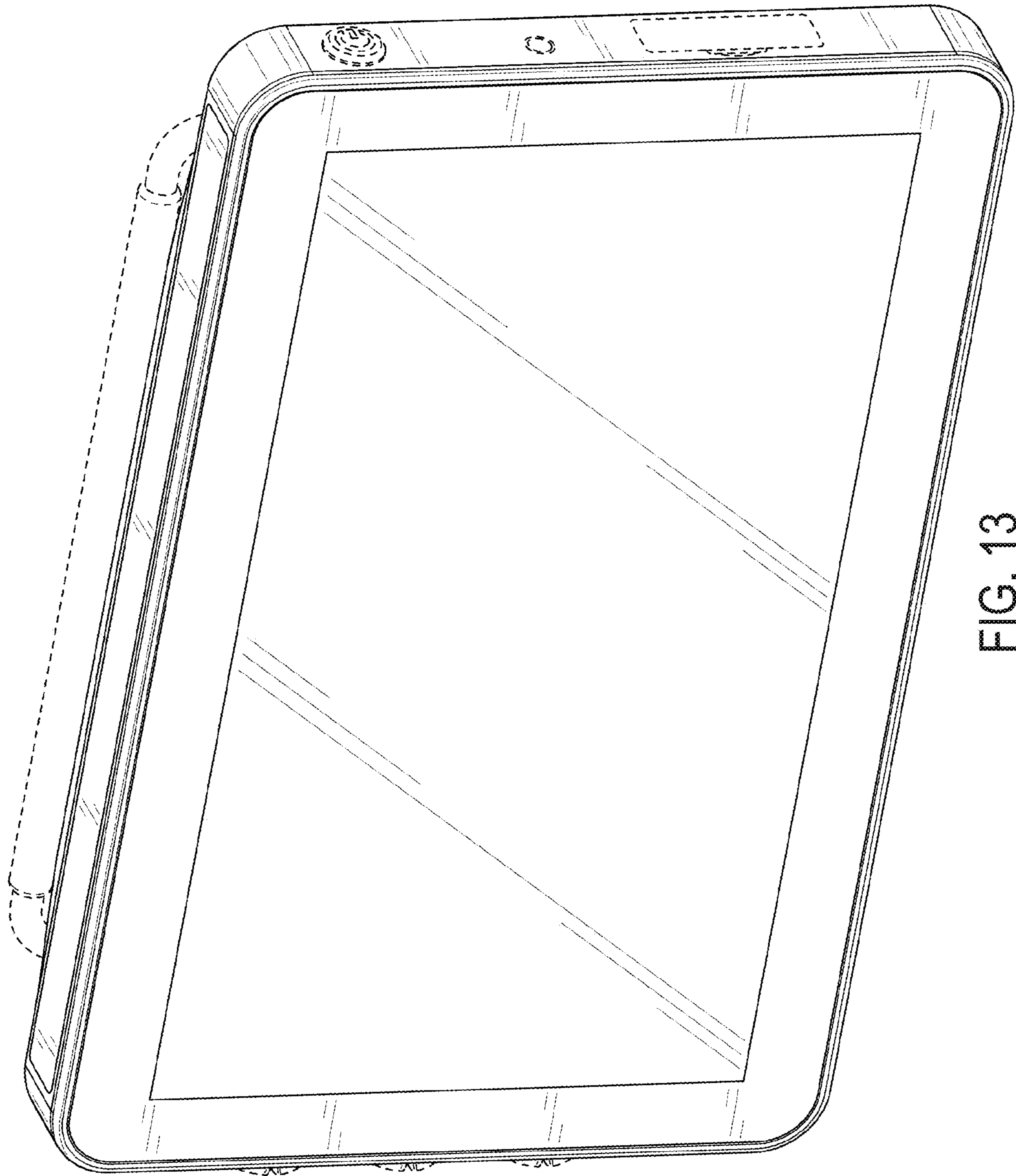


FIG. 13

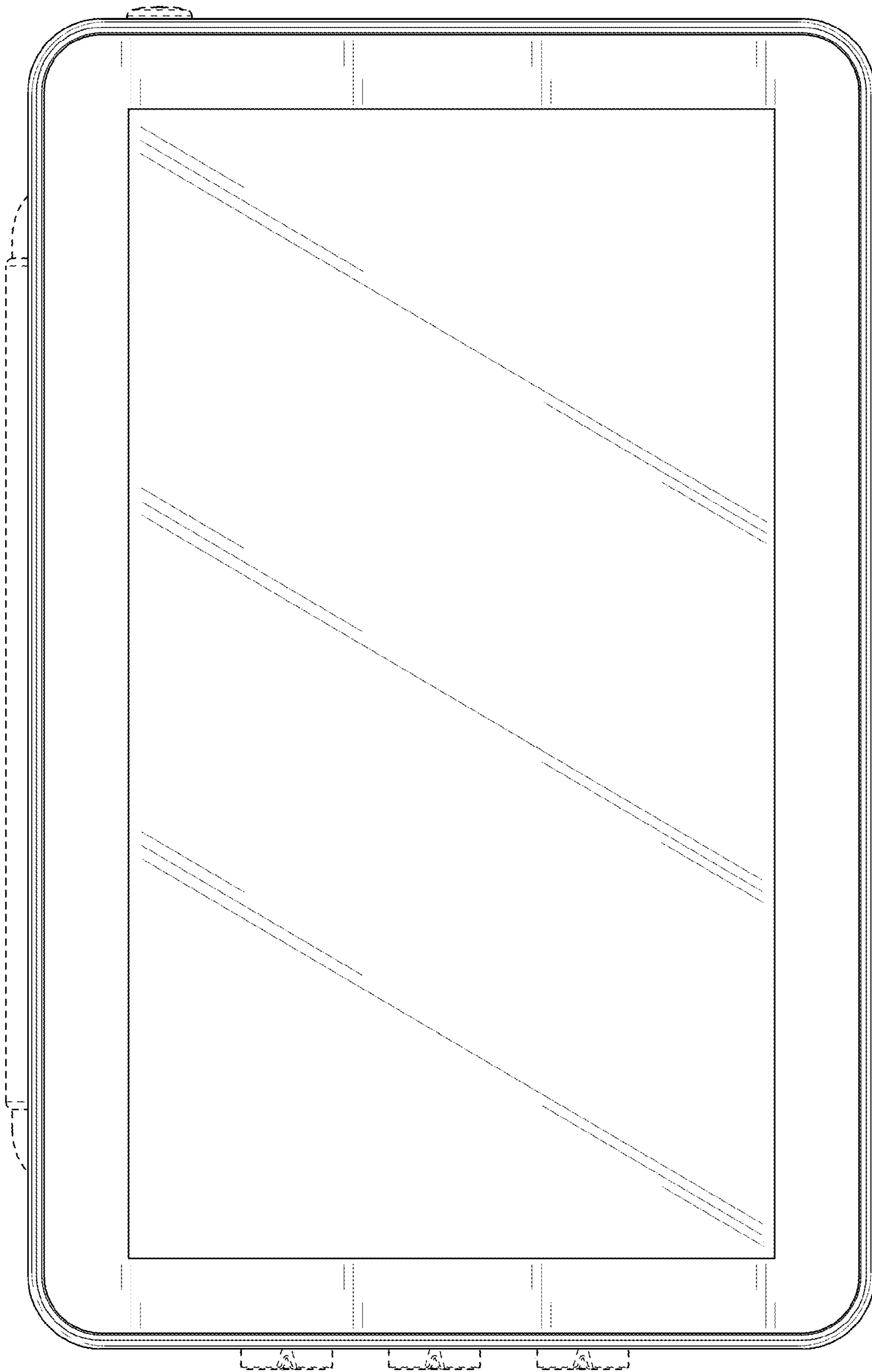


FIG. 14



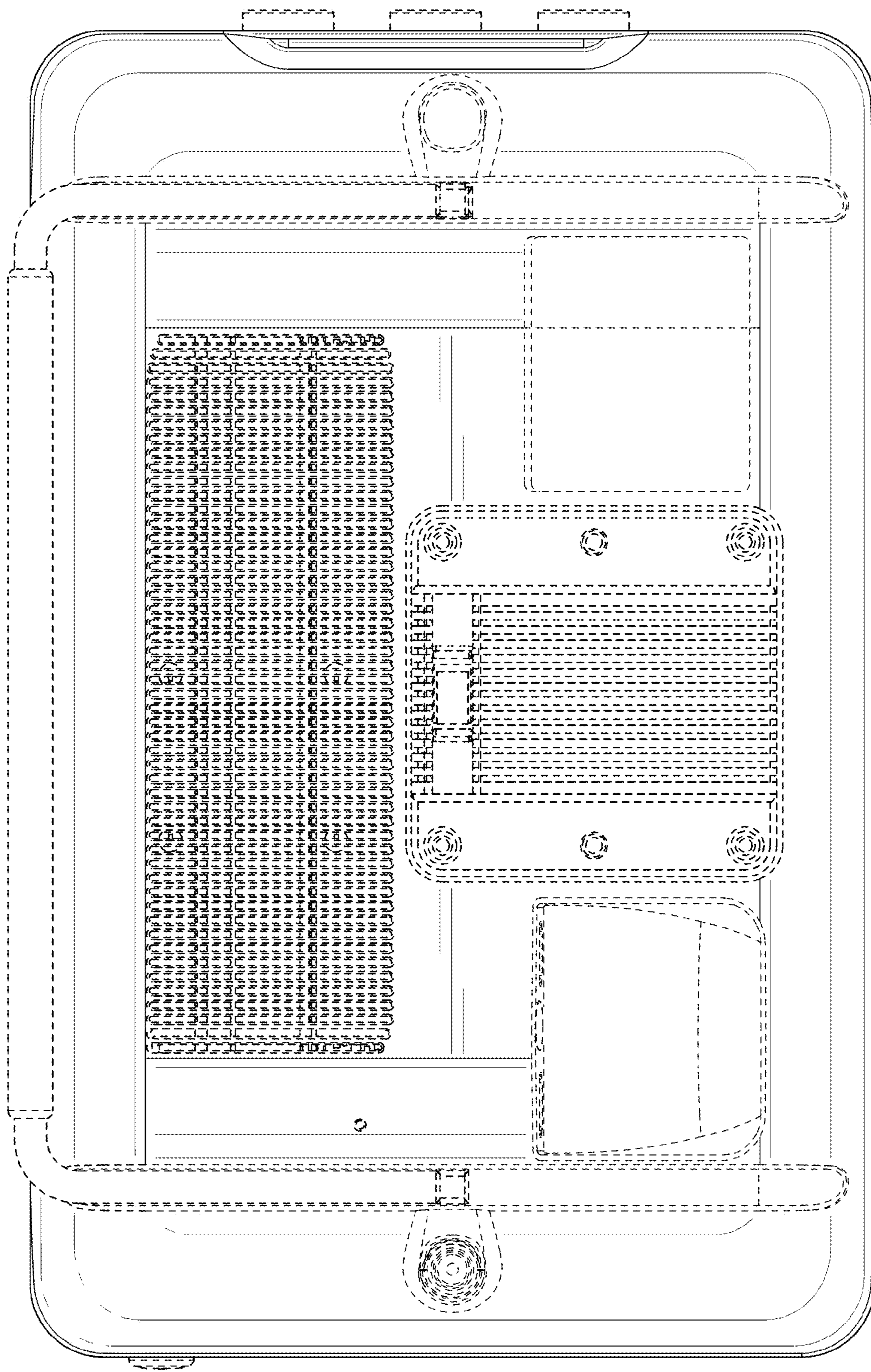


FIG. 15

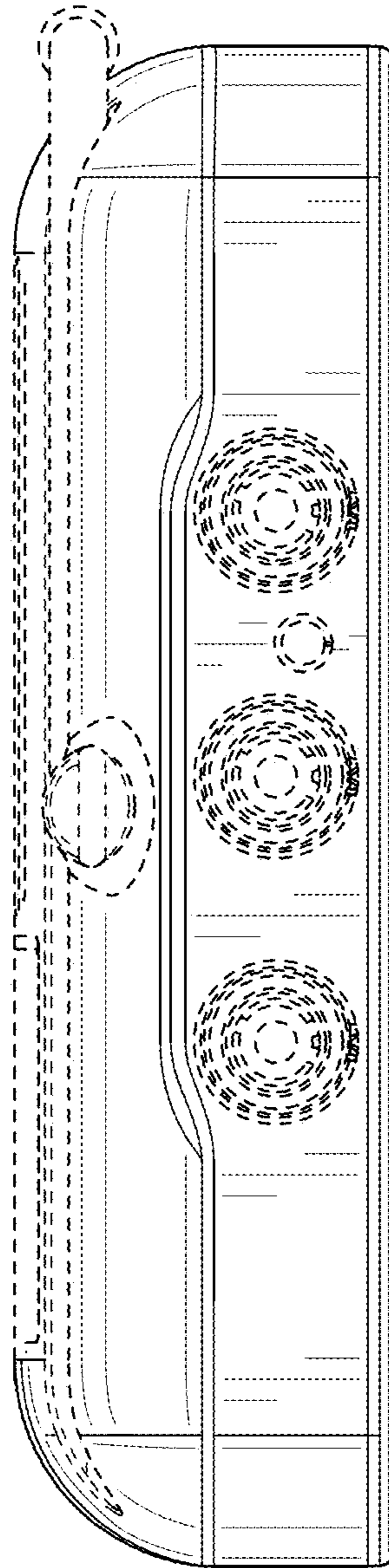


FIG. 16

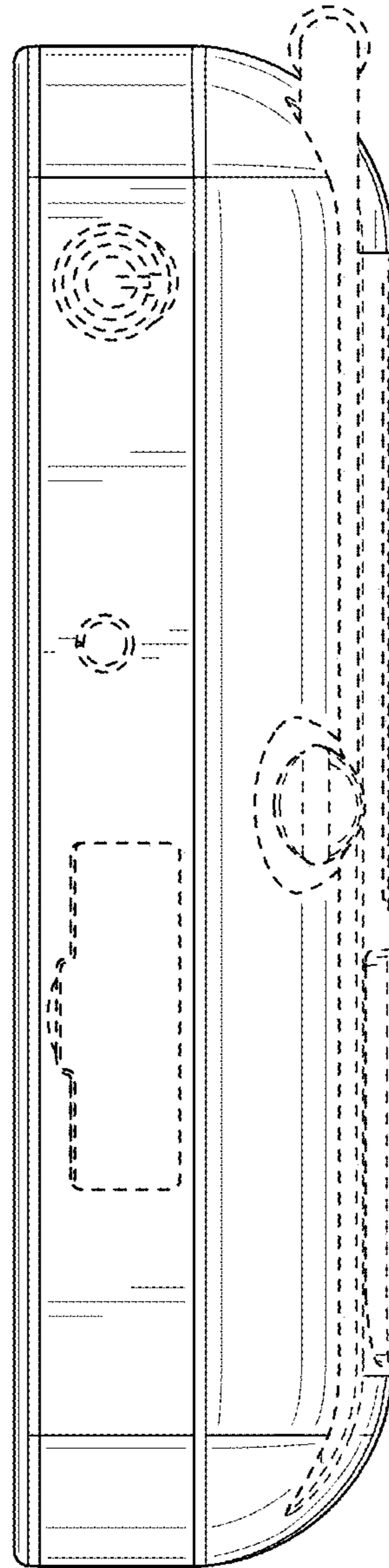


FIG. 17

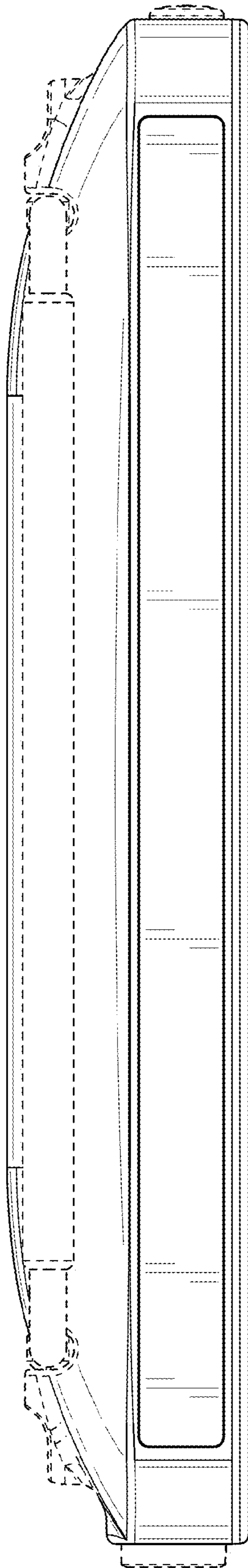


FIG. 18

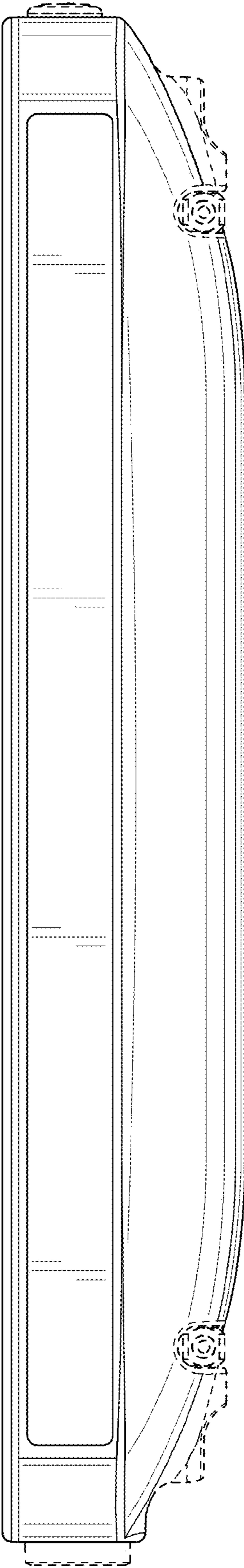


FIG. 19

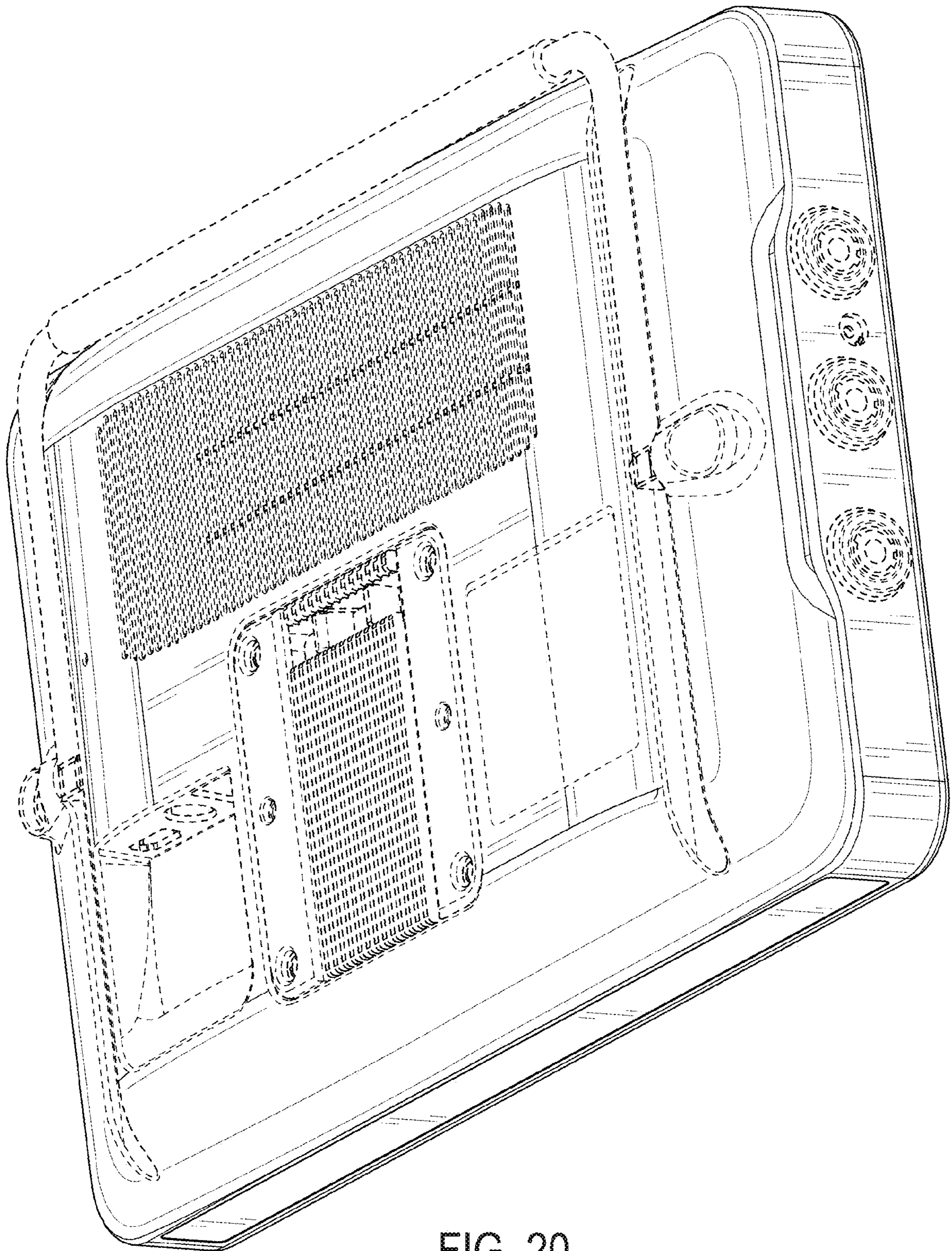


FIG. 20

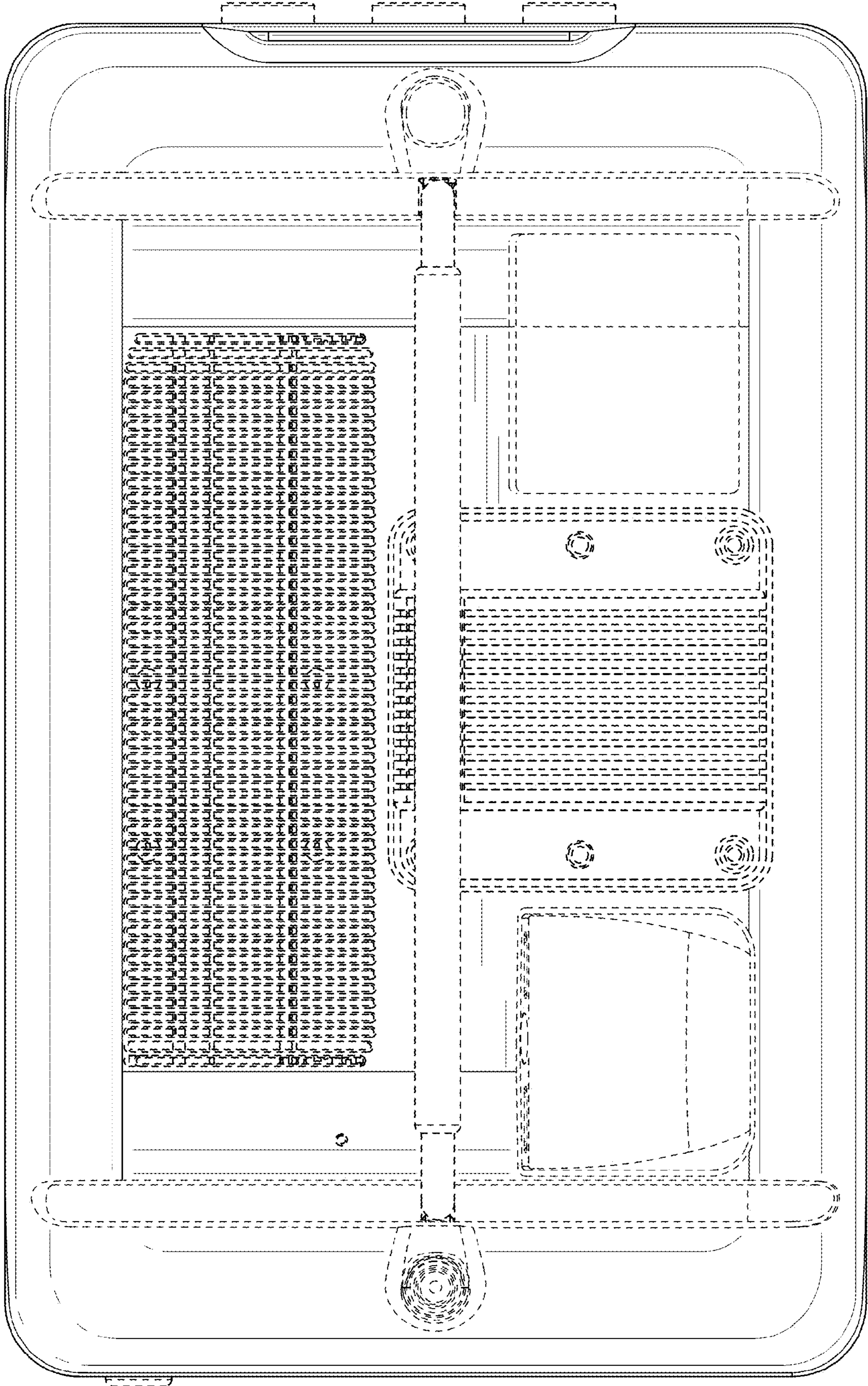


FIG. 21

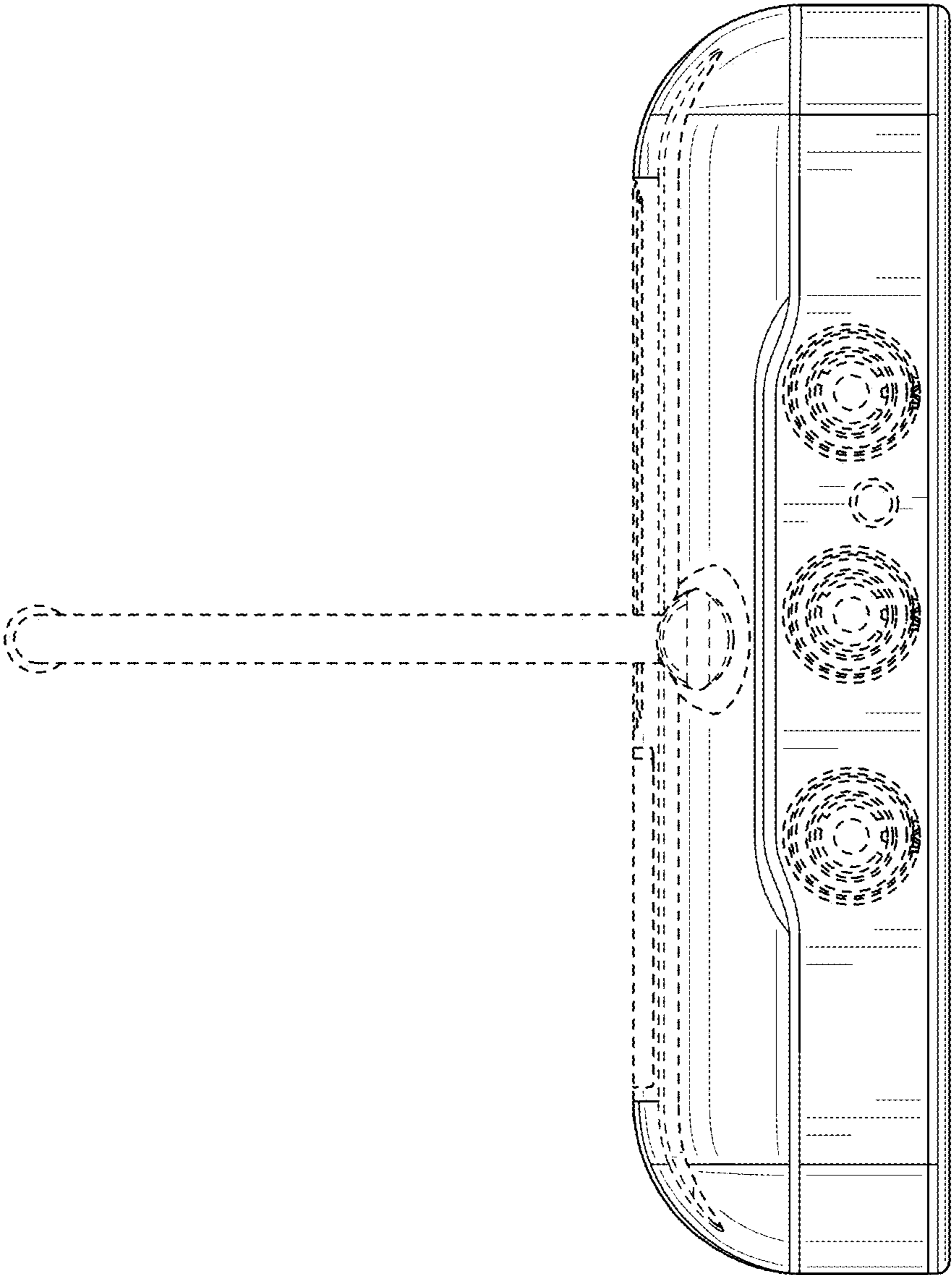


FIG. 22



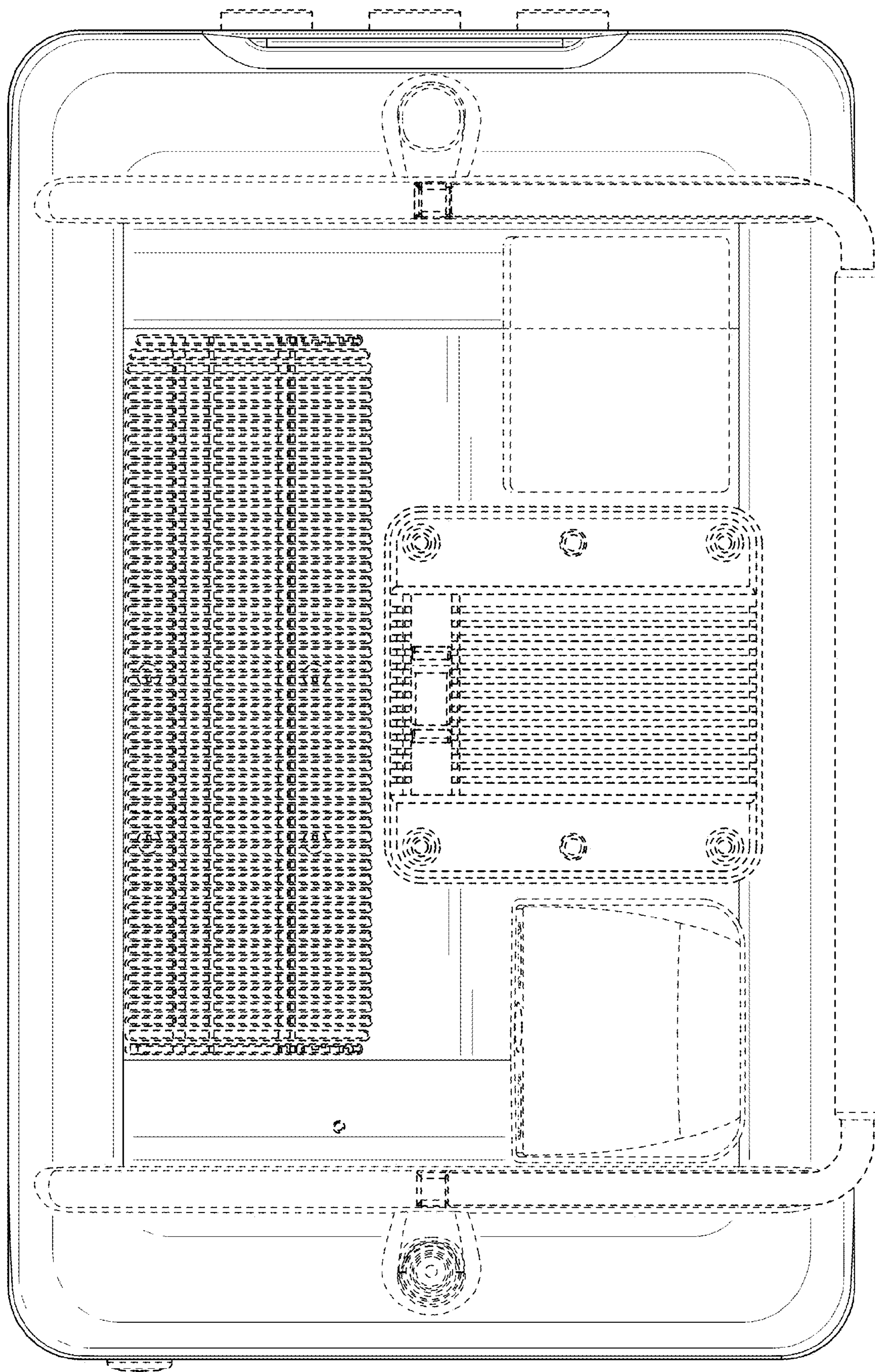


FIG. 23

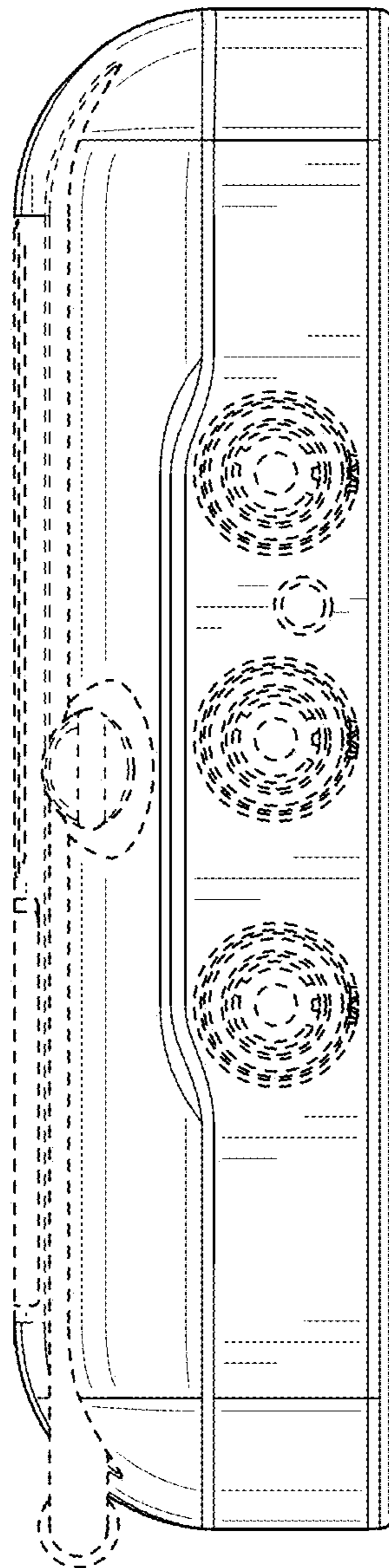


FIG. 24

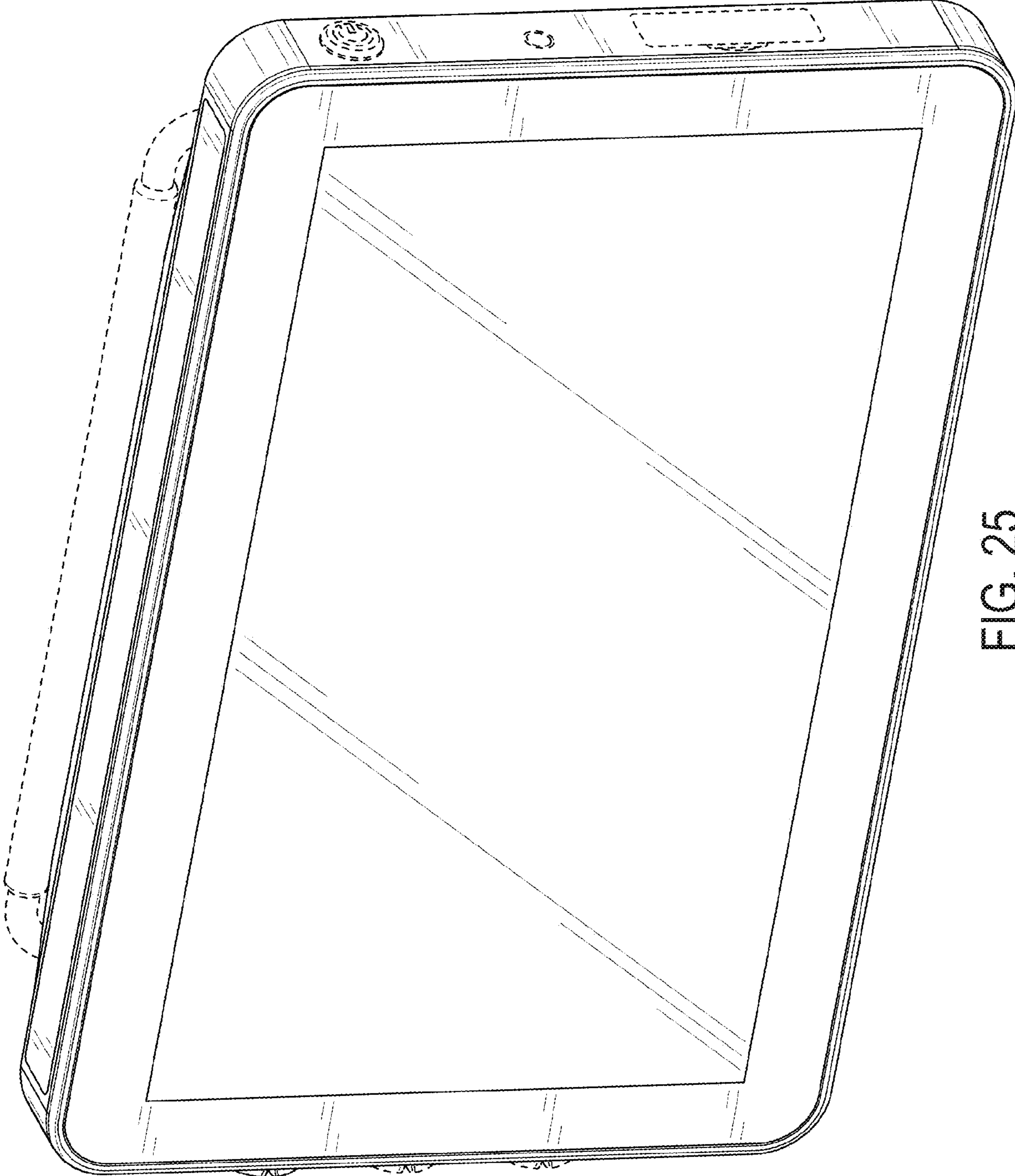


FIG. 25

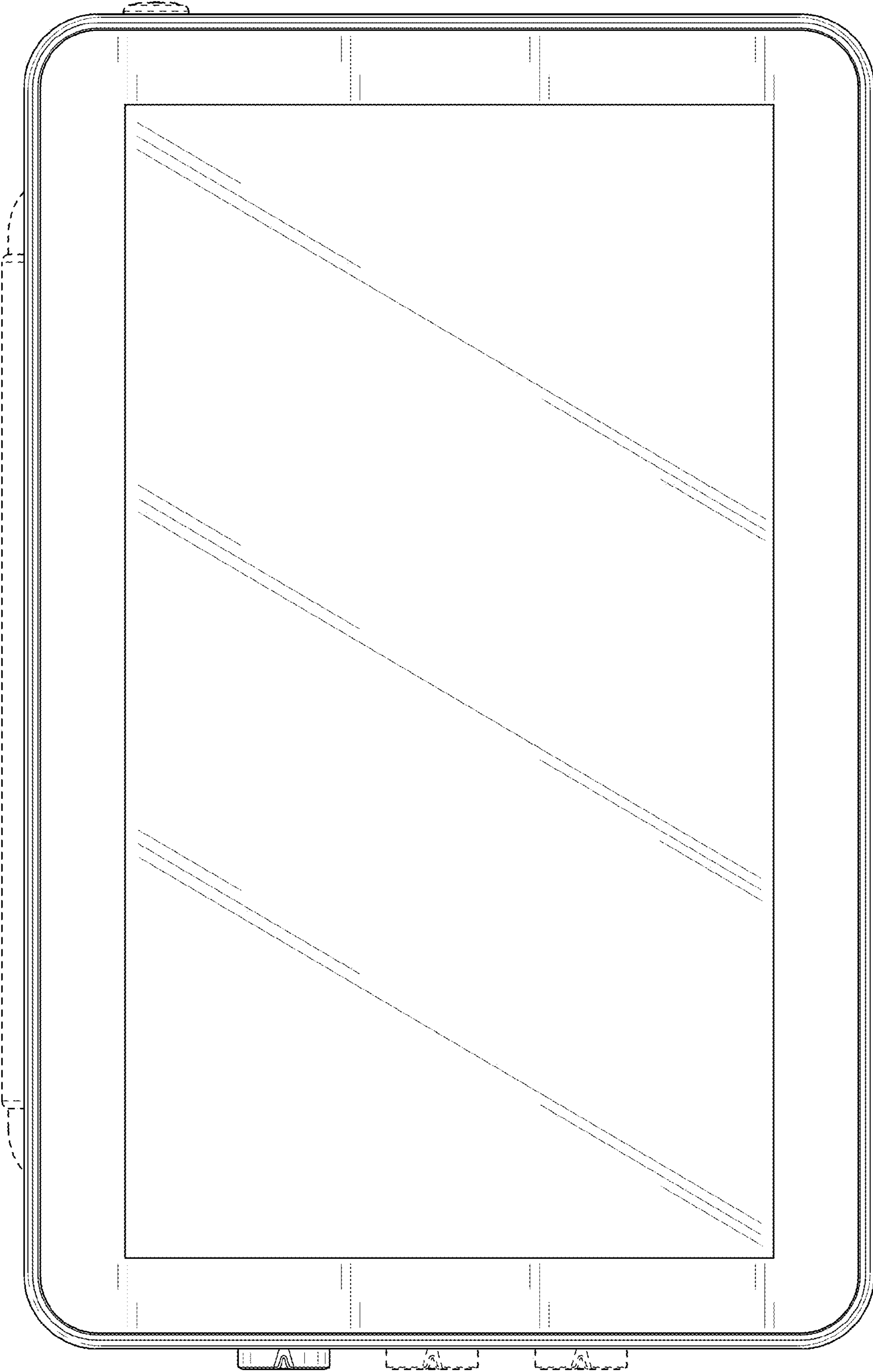


FIG. 26

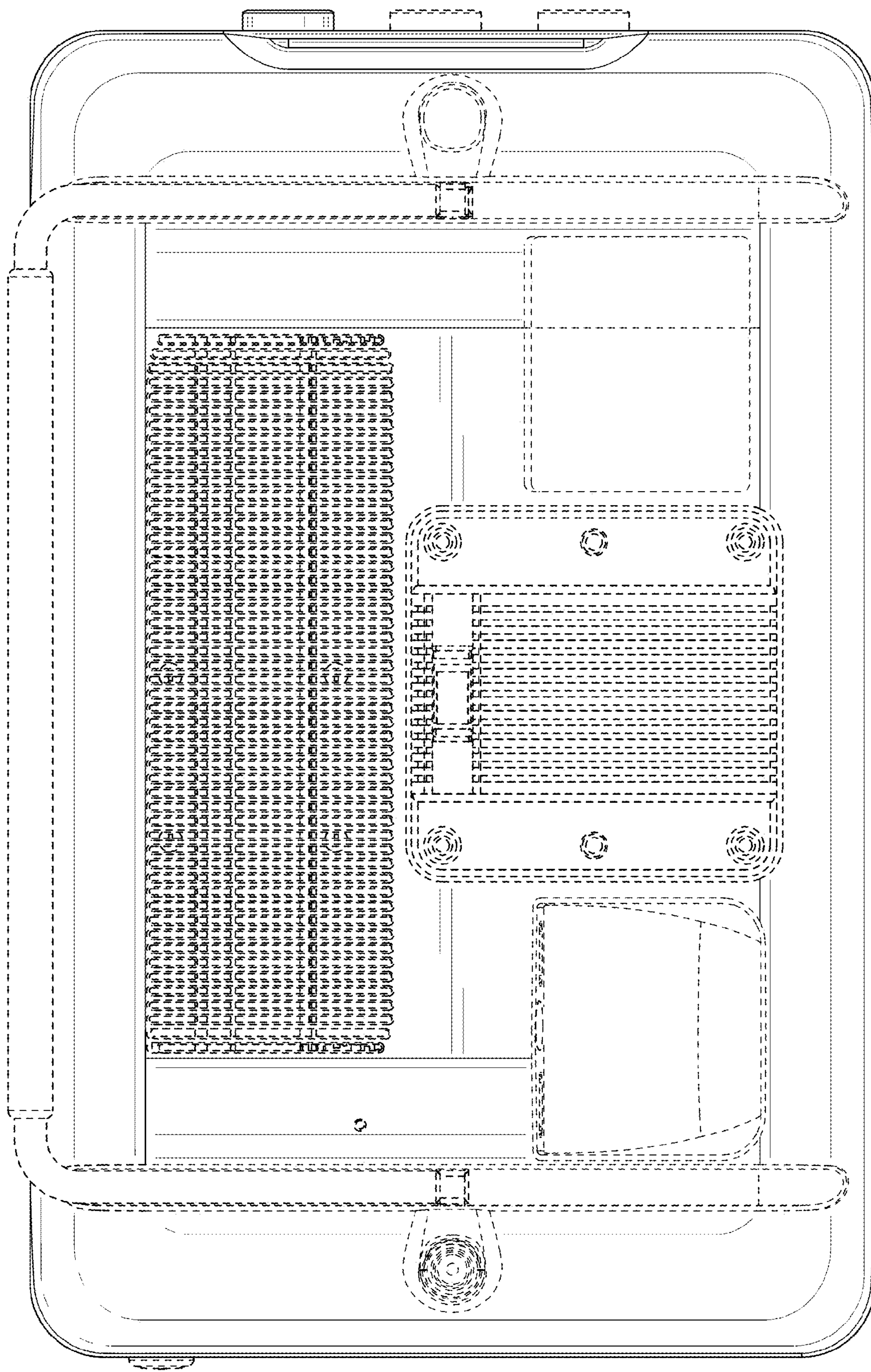


FIG. 27

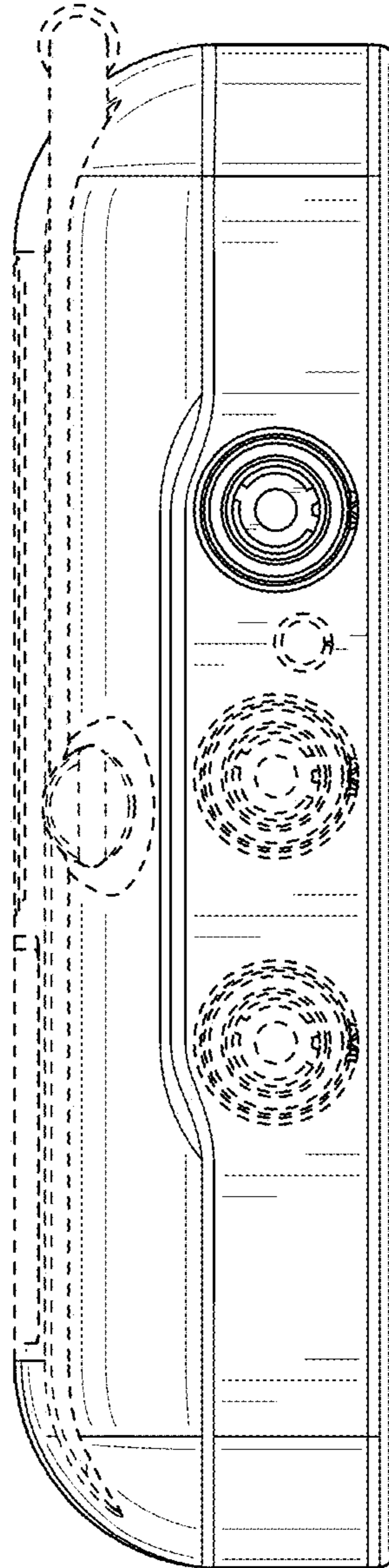


FIG. 28

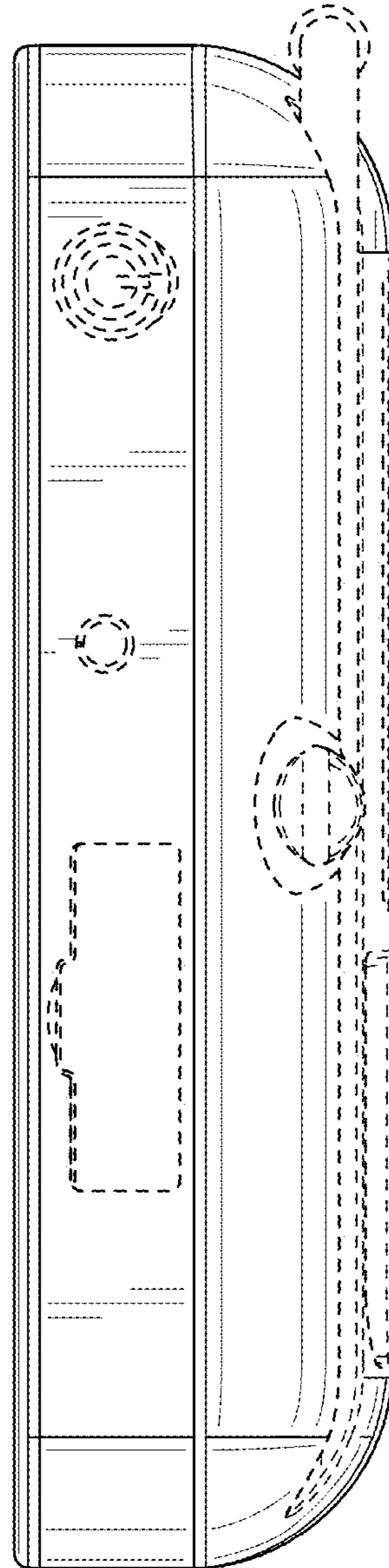


FIG. 29

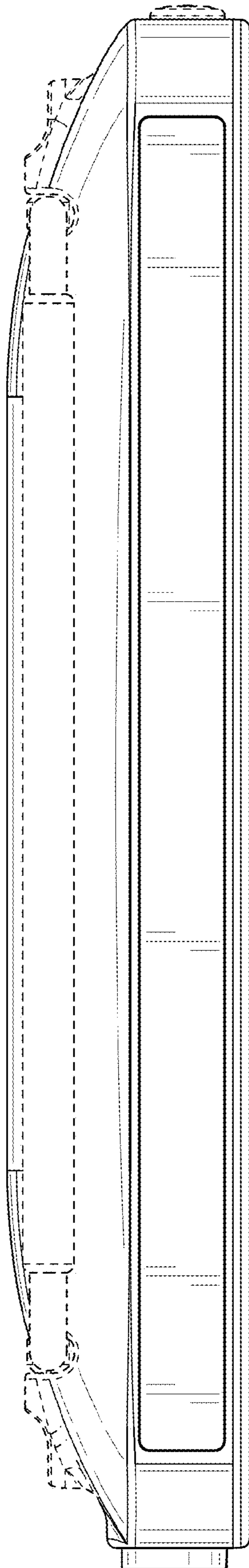


FIG. 30



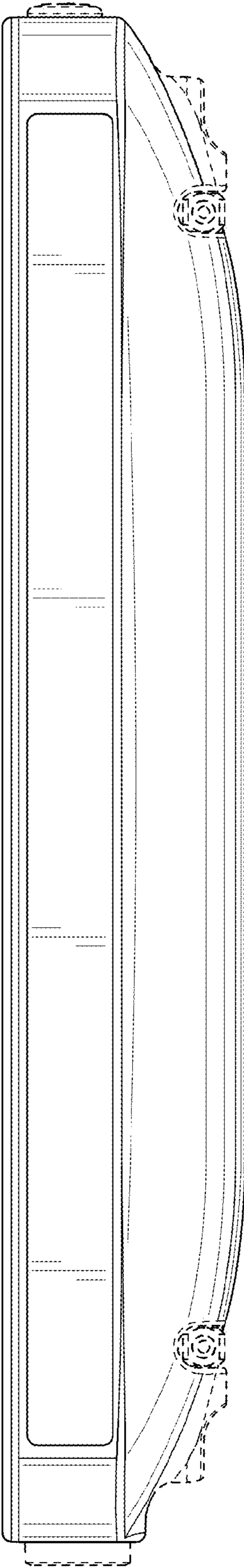


FIG. 31

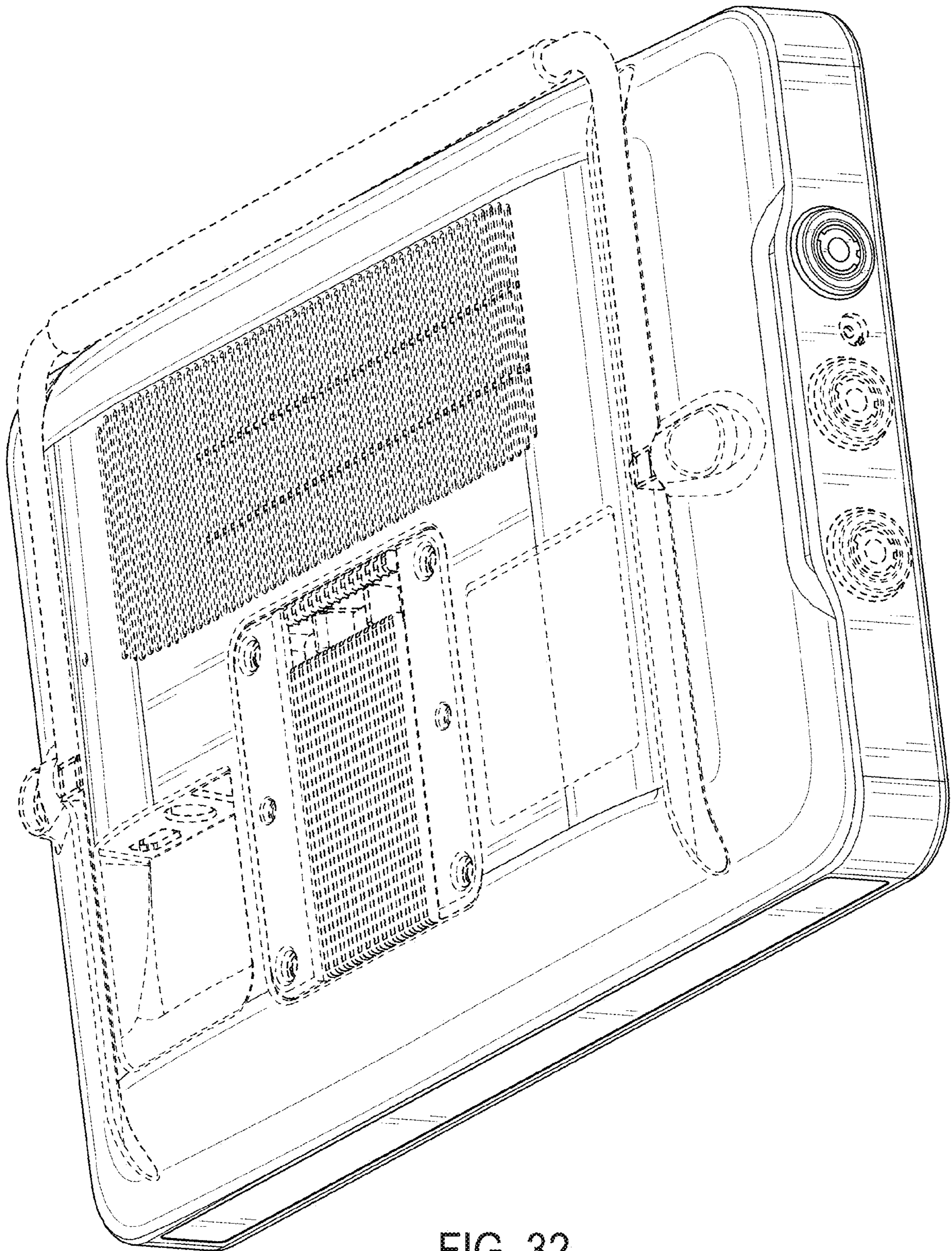


FIG. 32

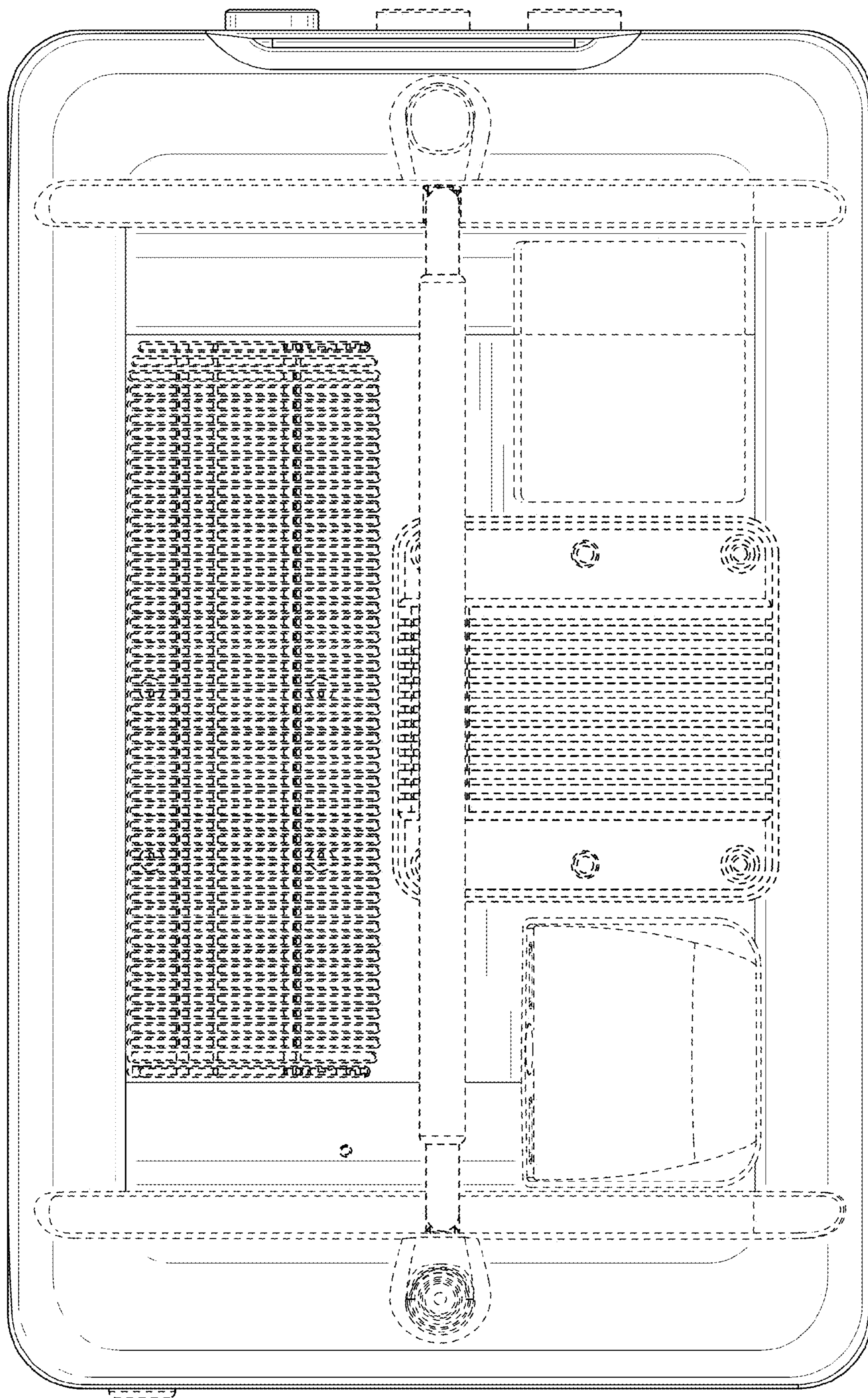


FIG. 33

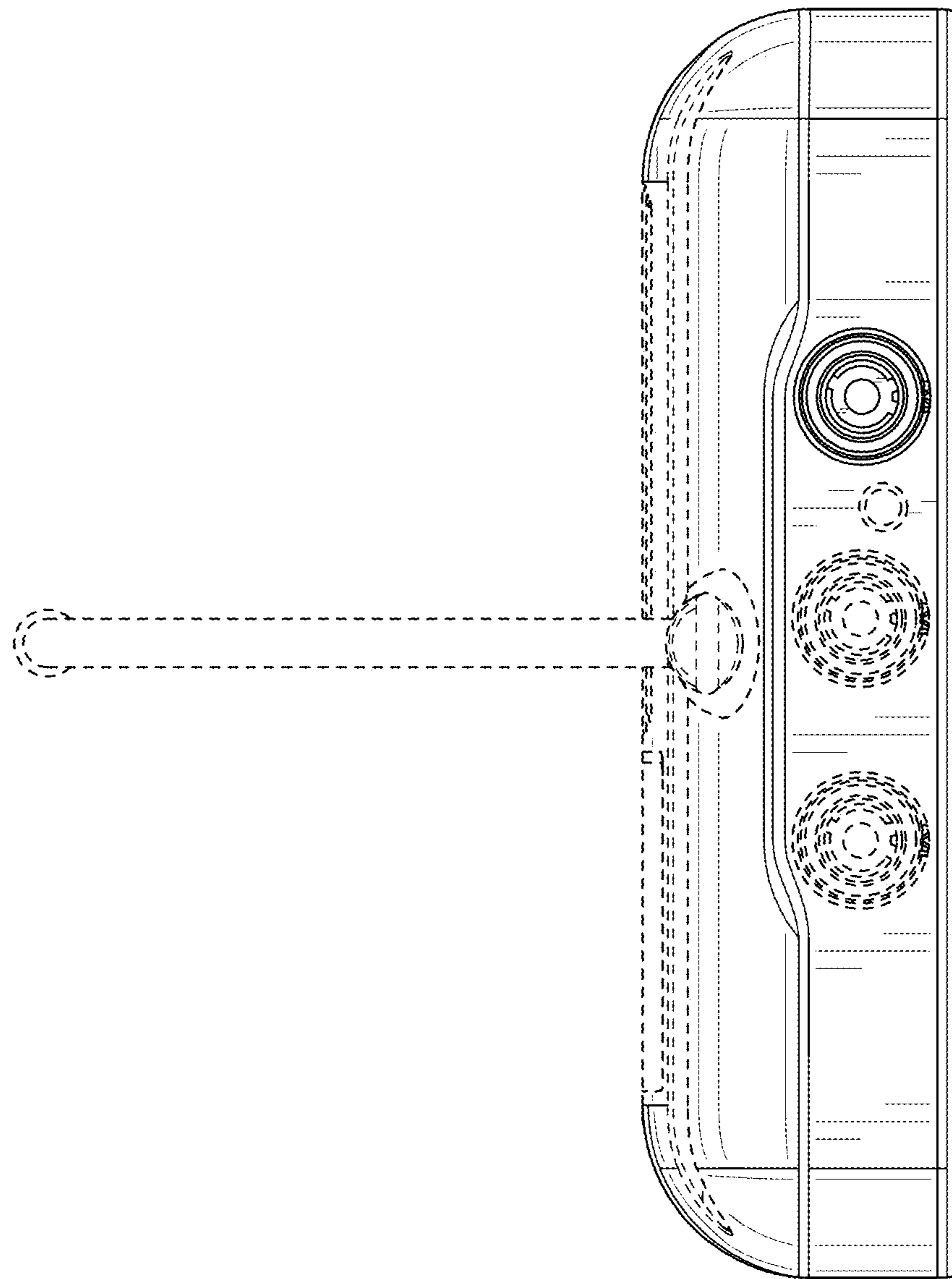


FIG. 34

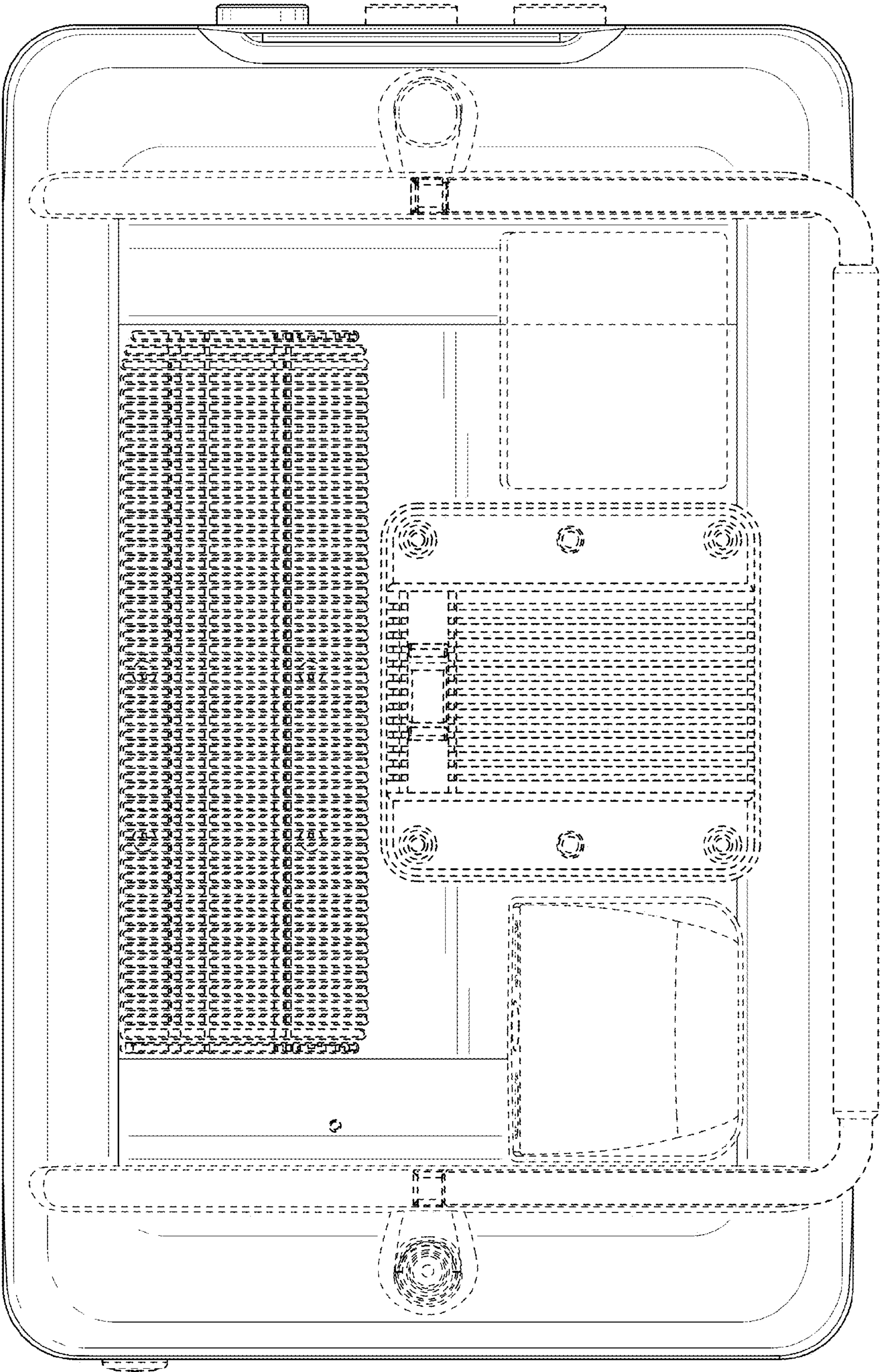


FIG. 35

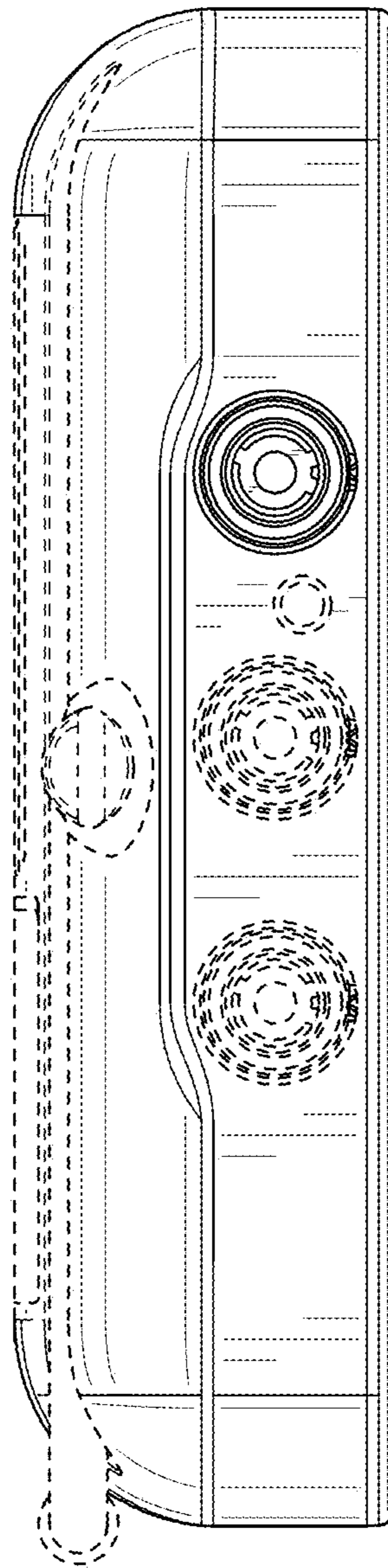


FIG. 36

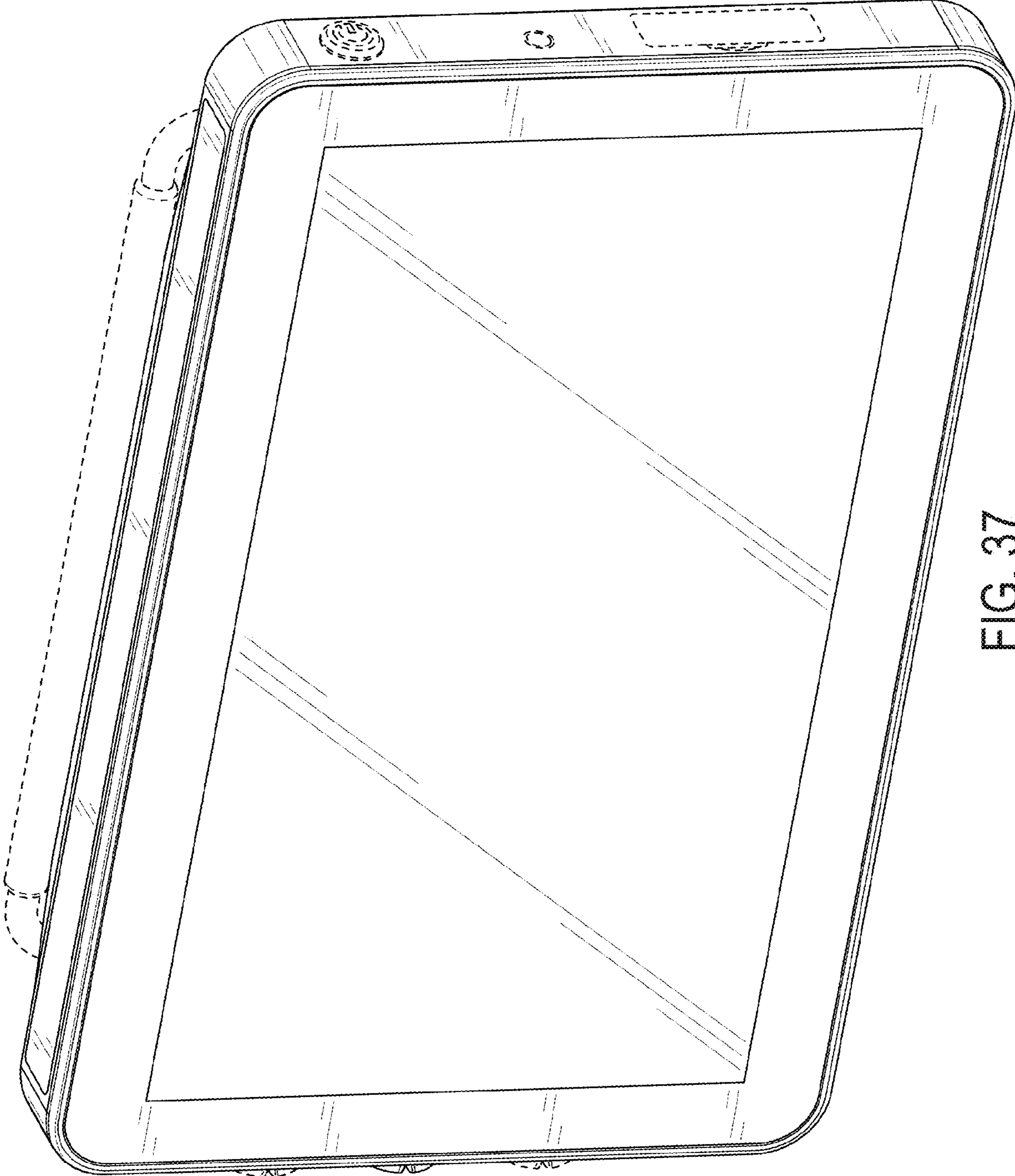


FIG. 37

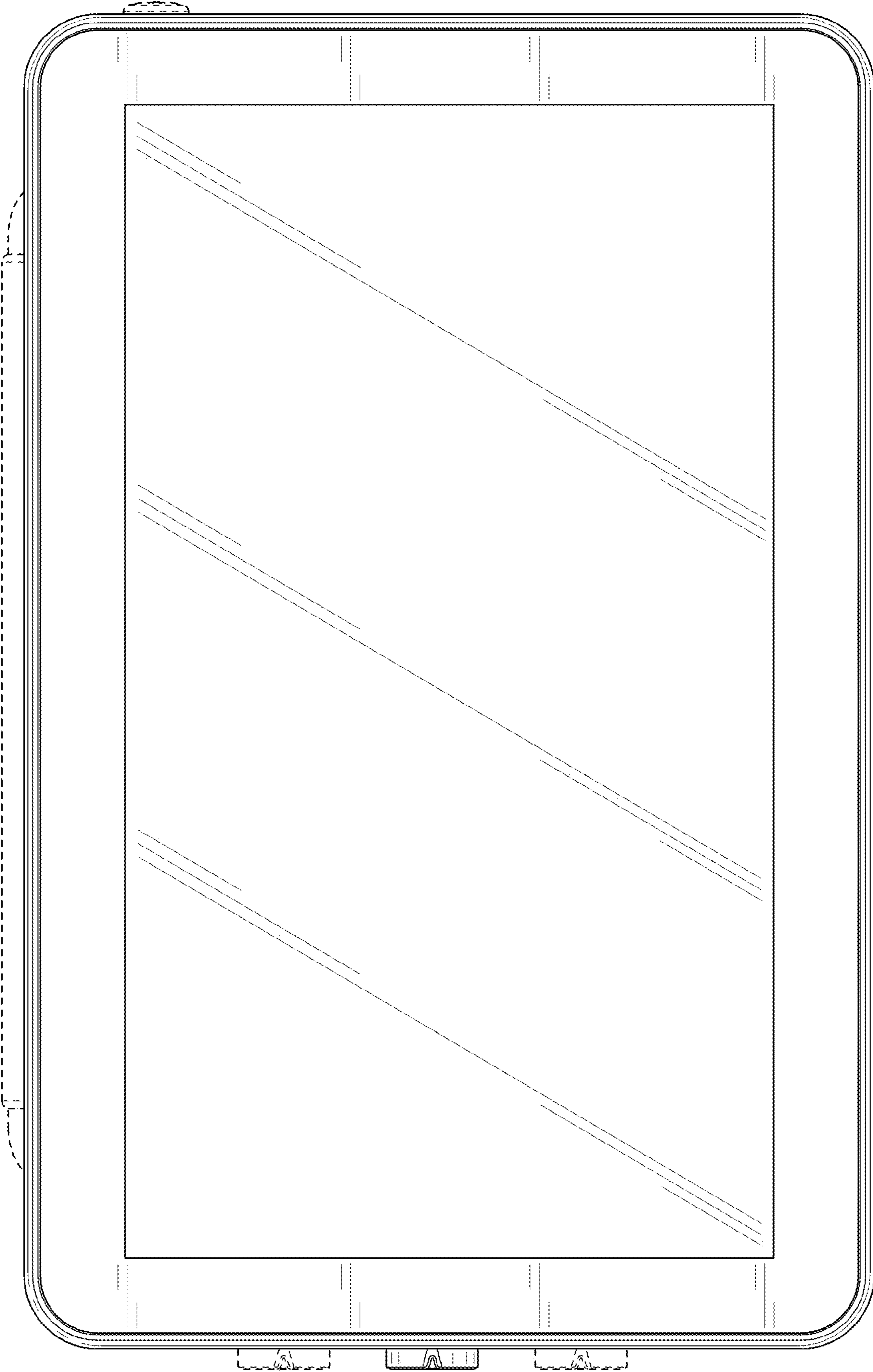


FIG. 38



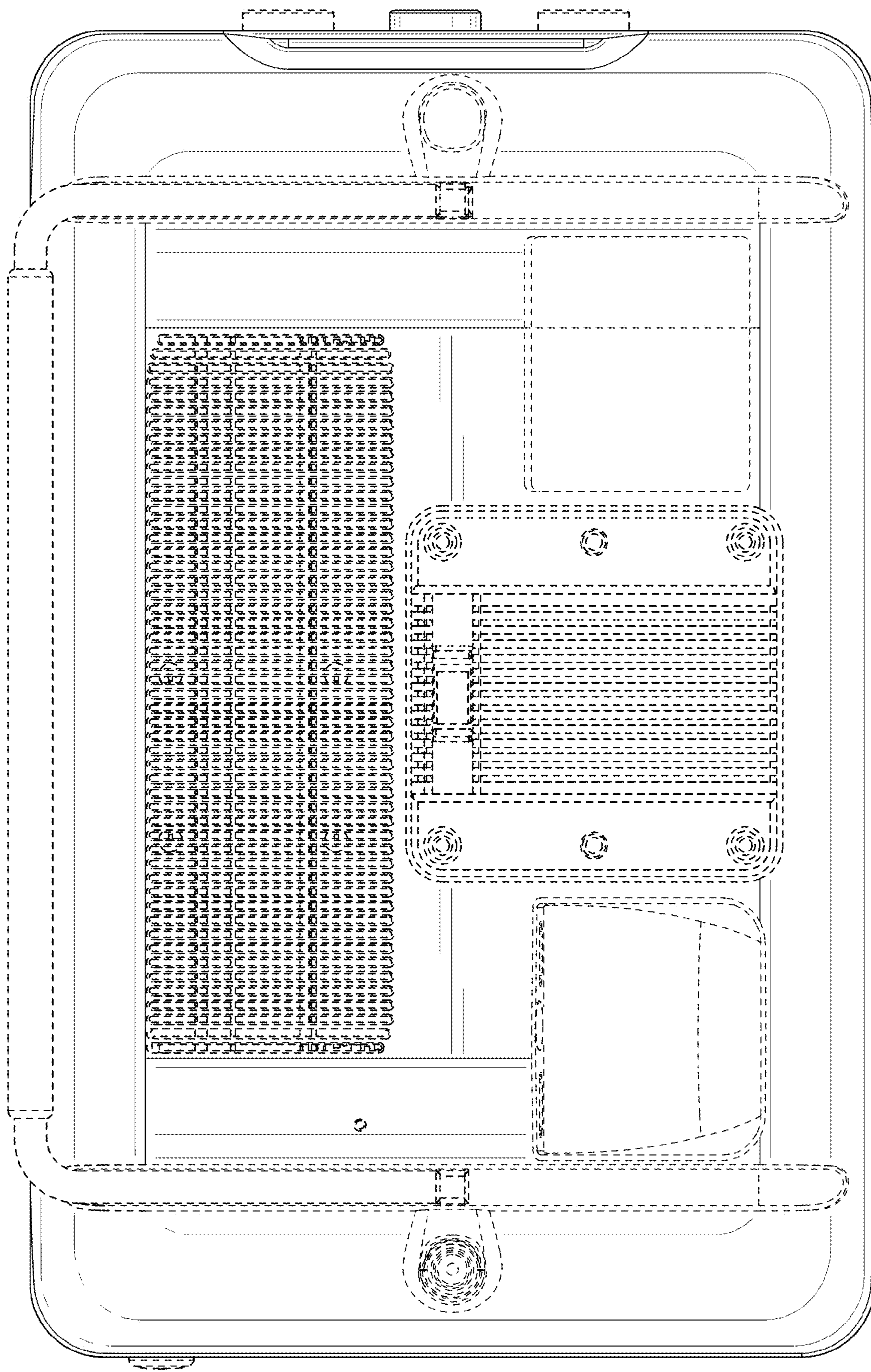


FIG. 39

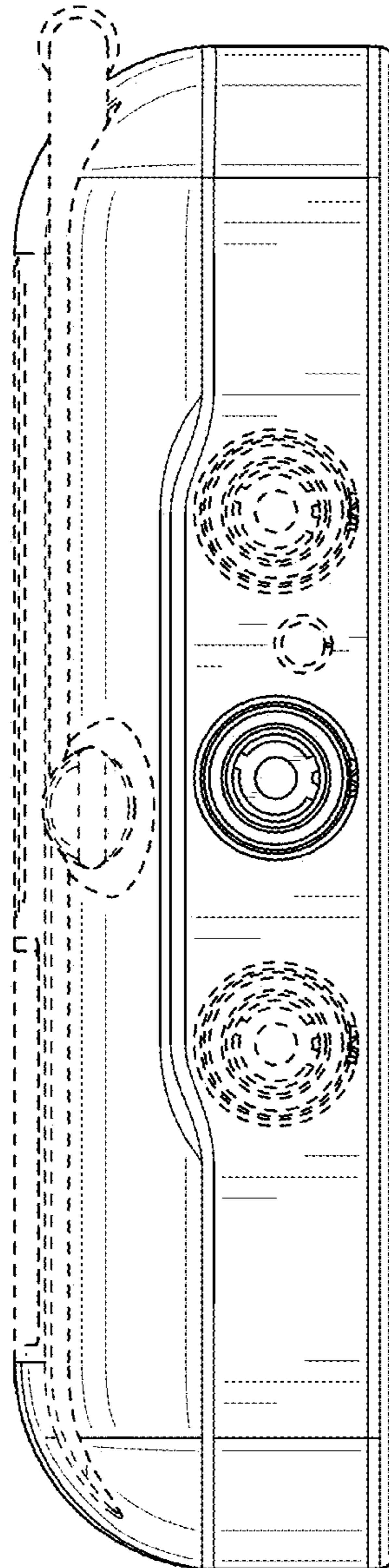


FIG. 40

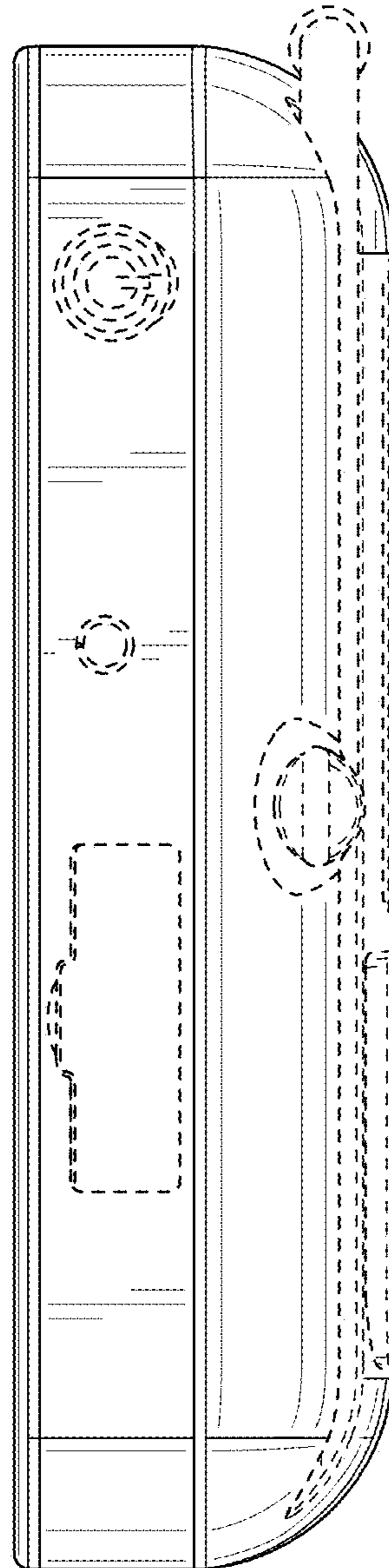


FIG. 41

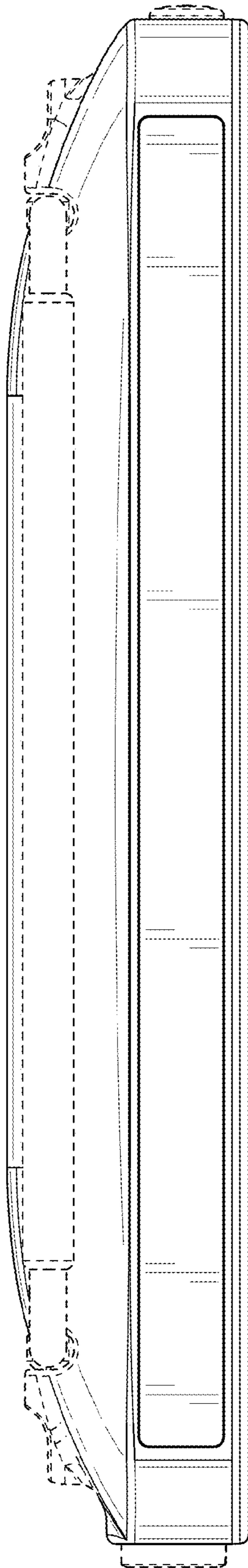


FIG. 42

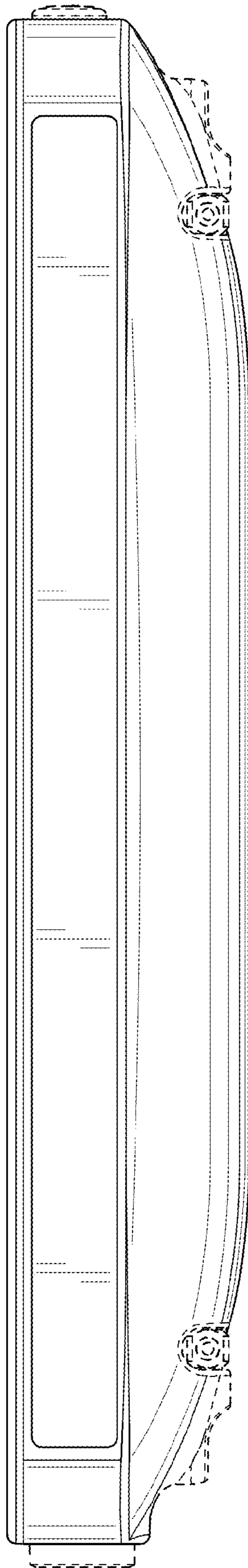


FIG. 43

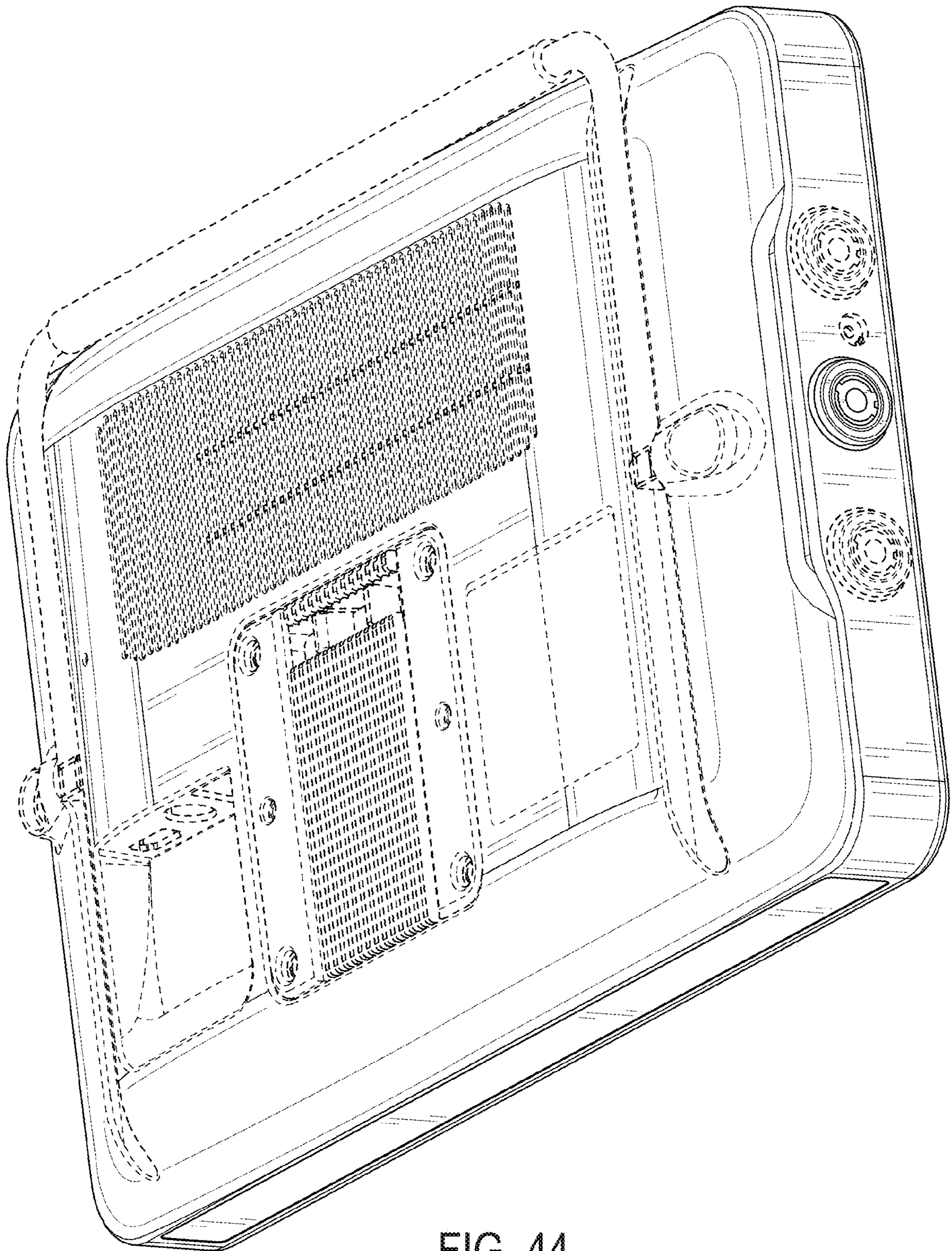


FIG. 44

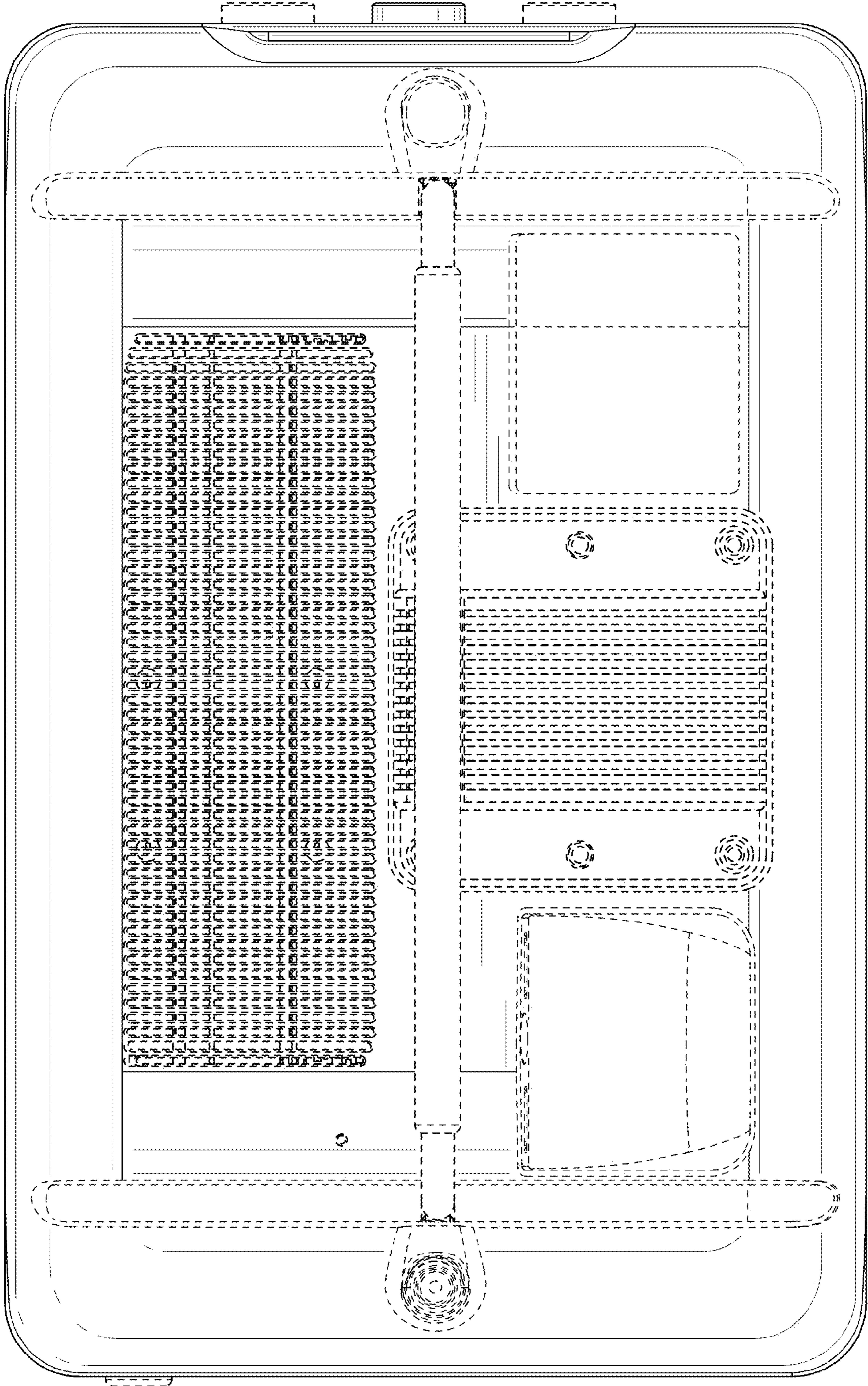


FIG. 45

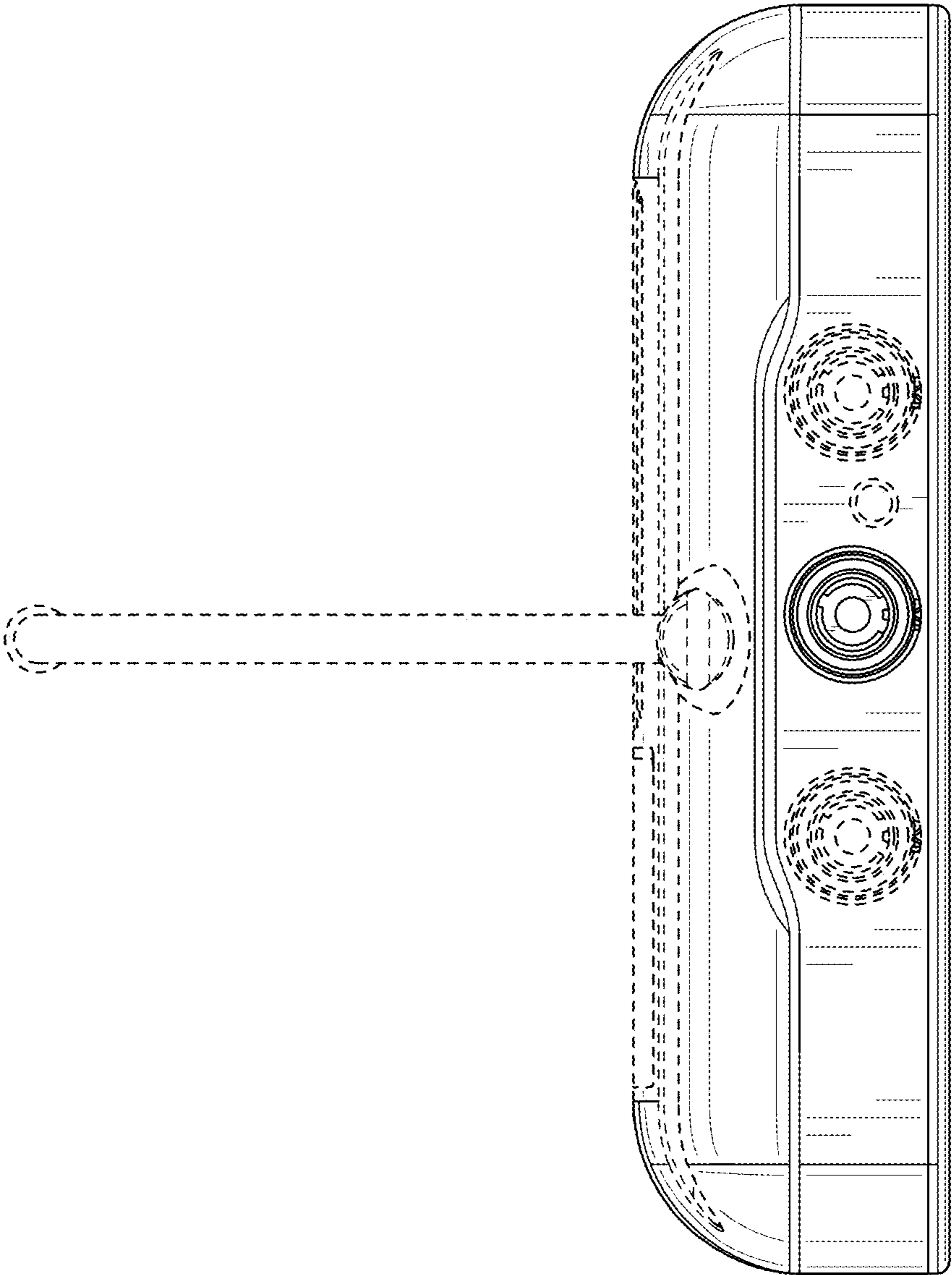


FIG. 46



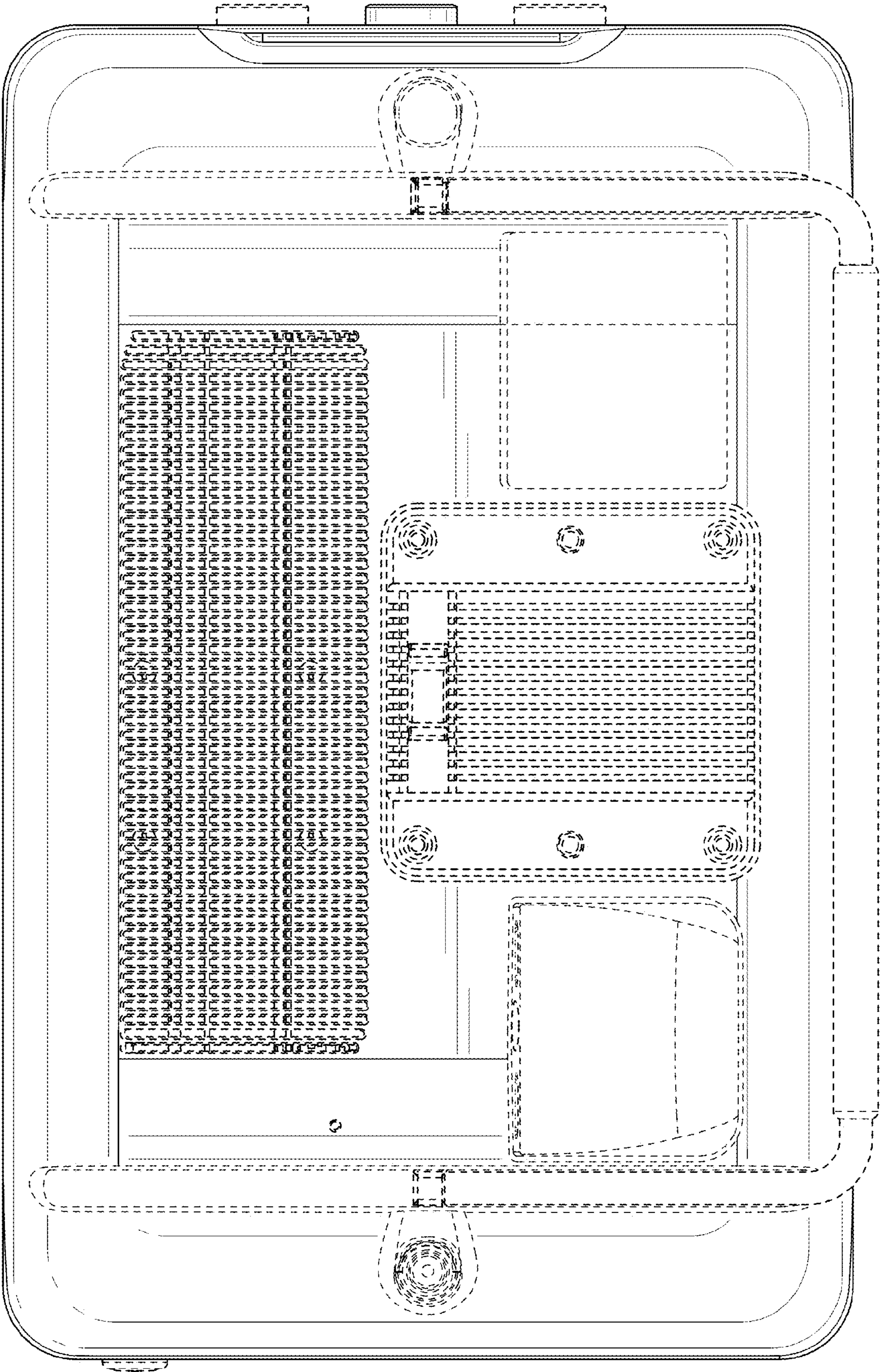


FIG. 47

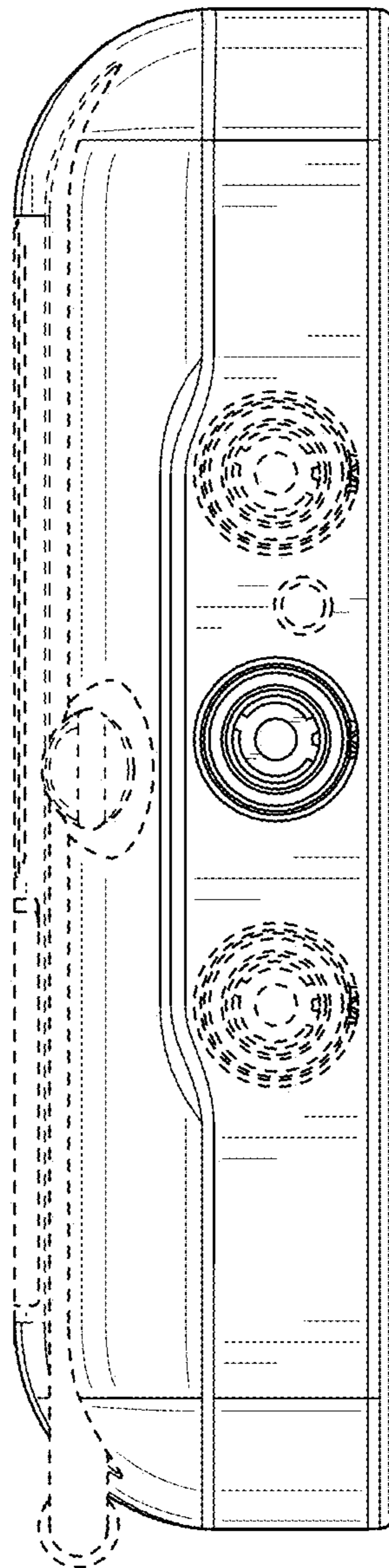


FIG. 48

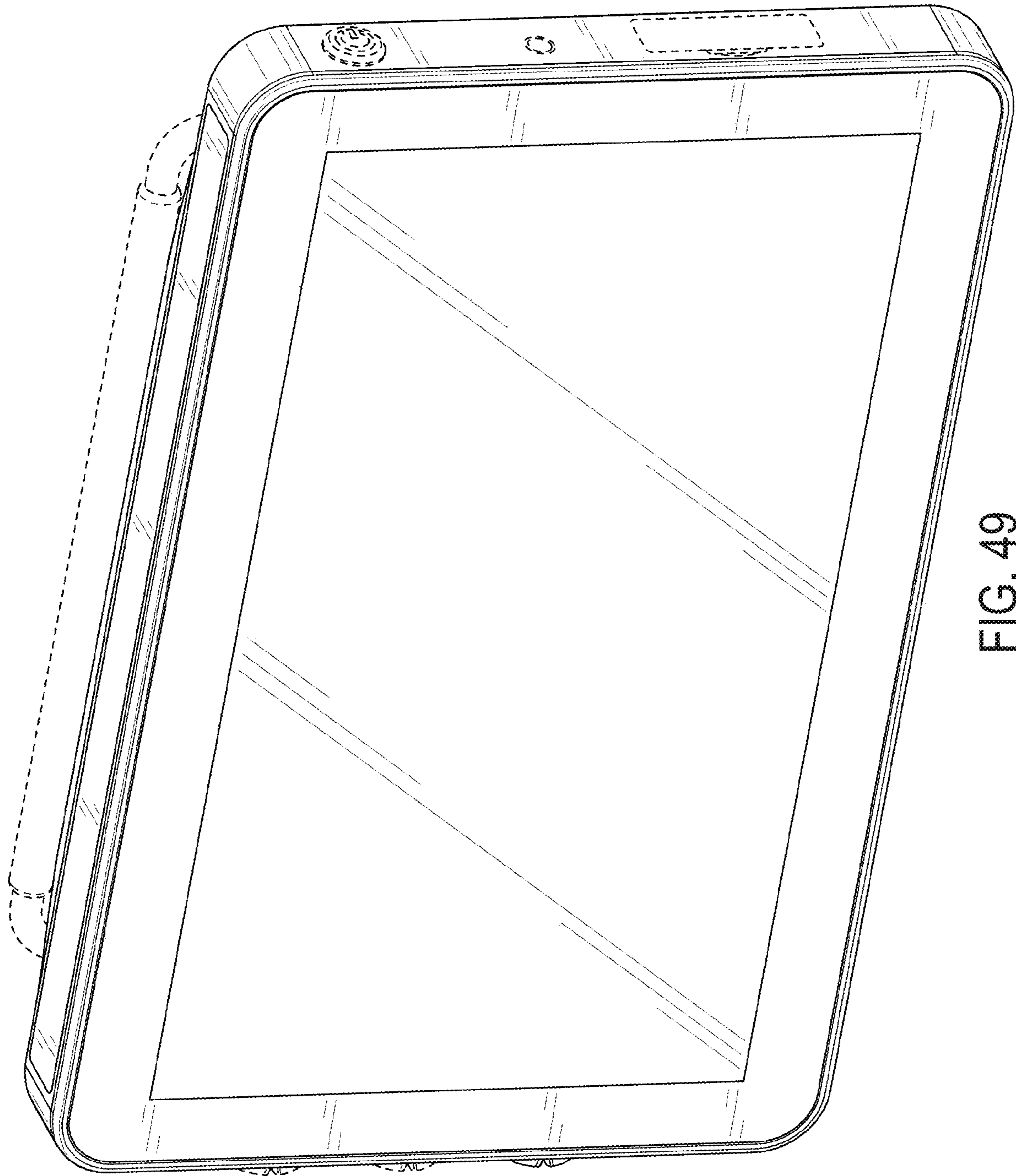


FIG. 49

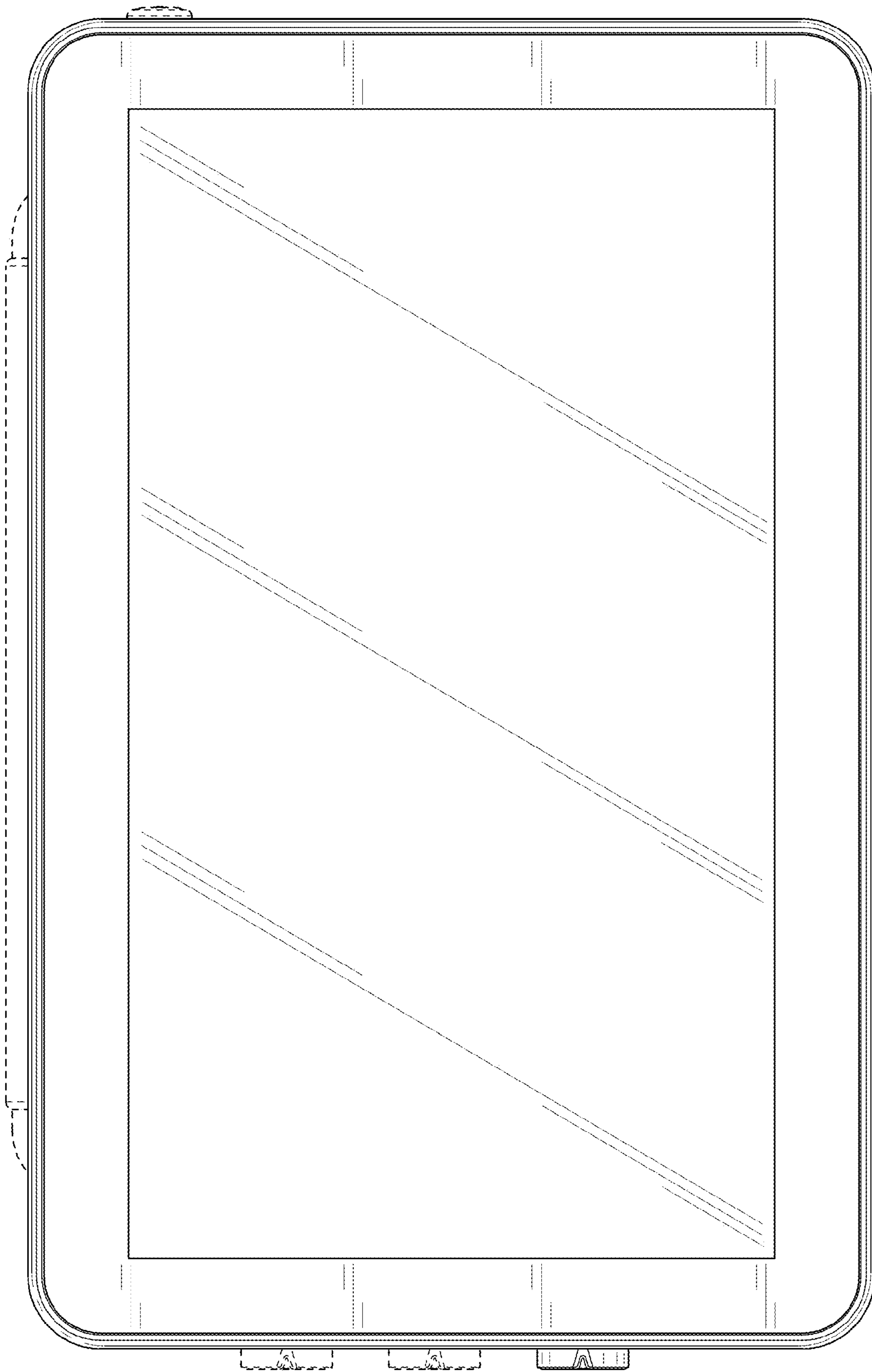


FIG. 50

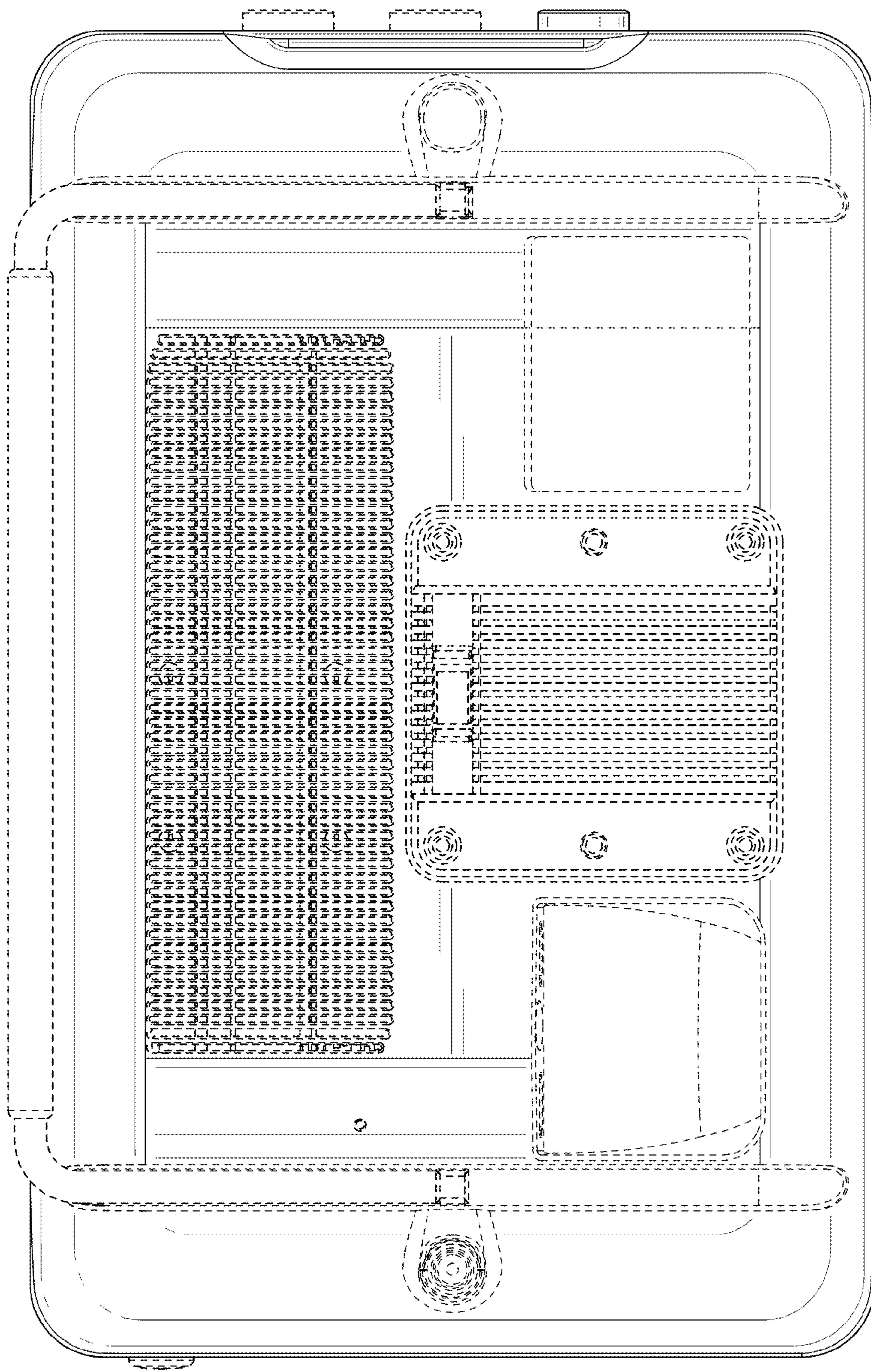


FIG. 51

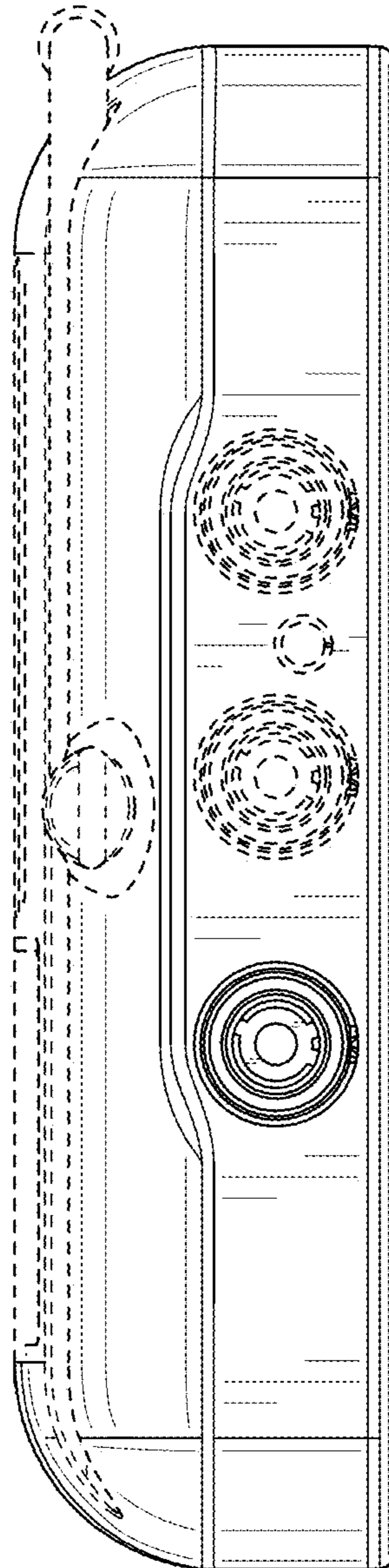


FIG. 52

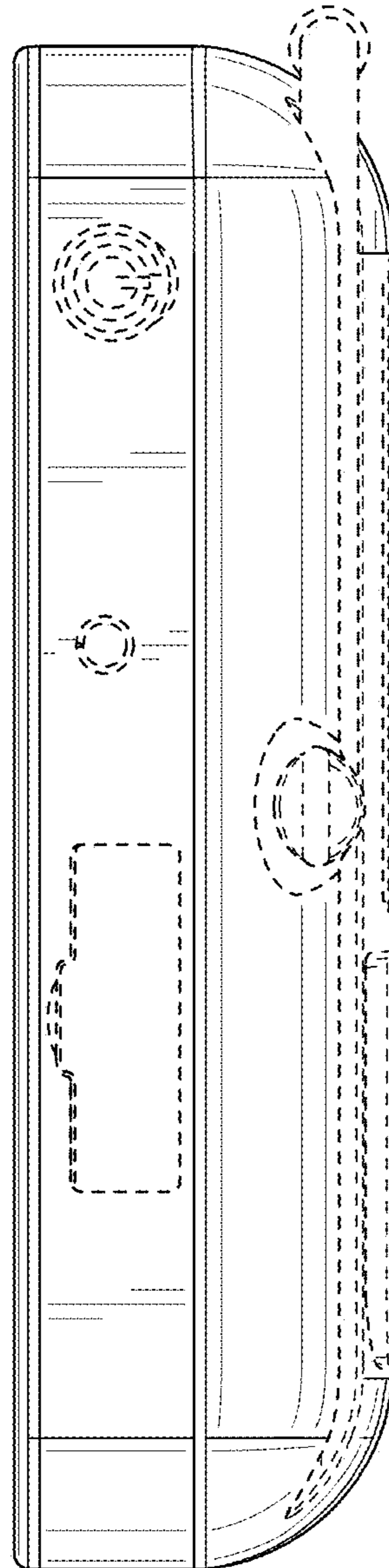


FIG. 53

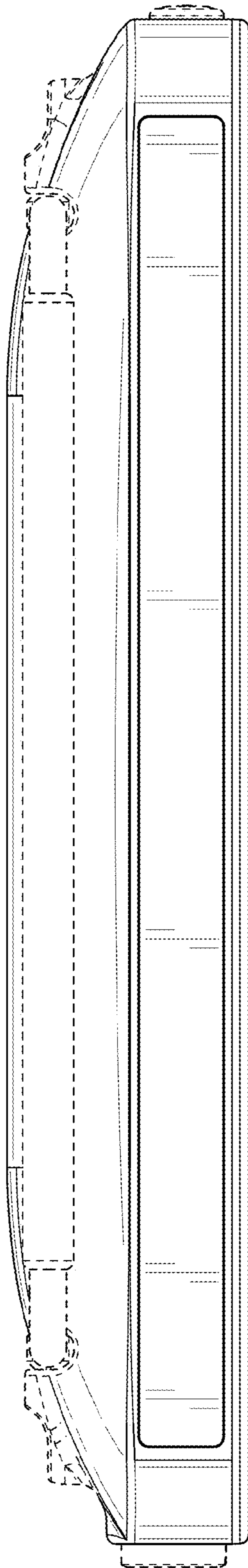


FIG. 54



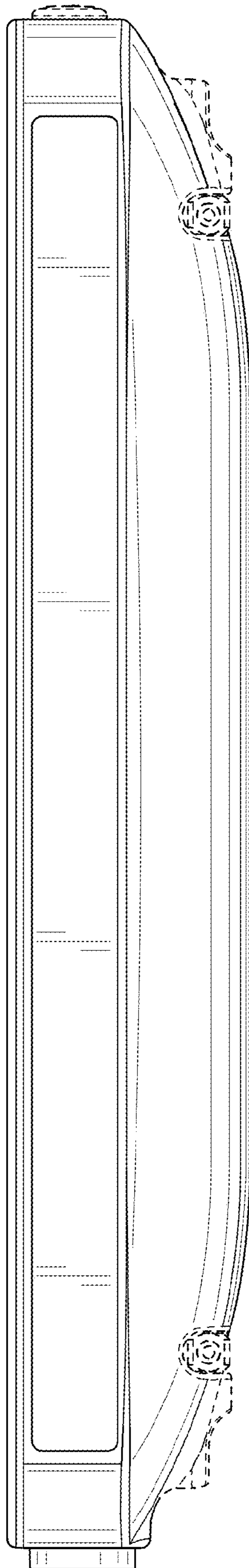


FIG. 55

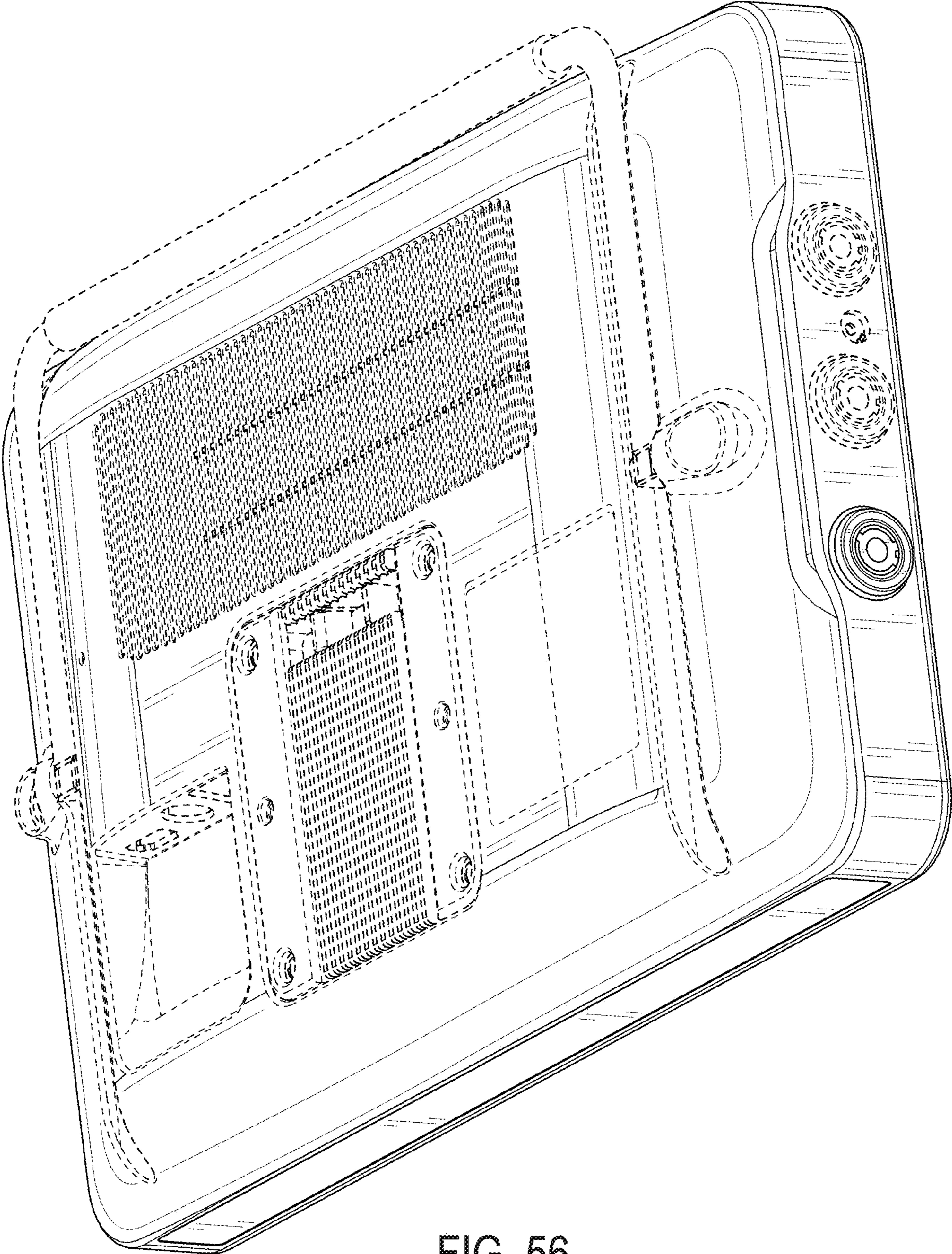


FIG. 56

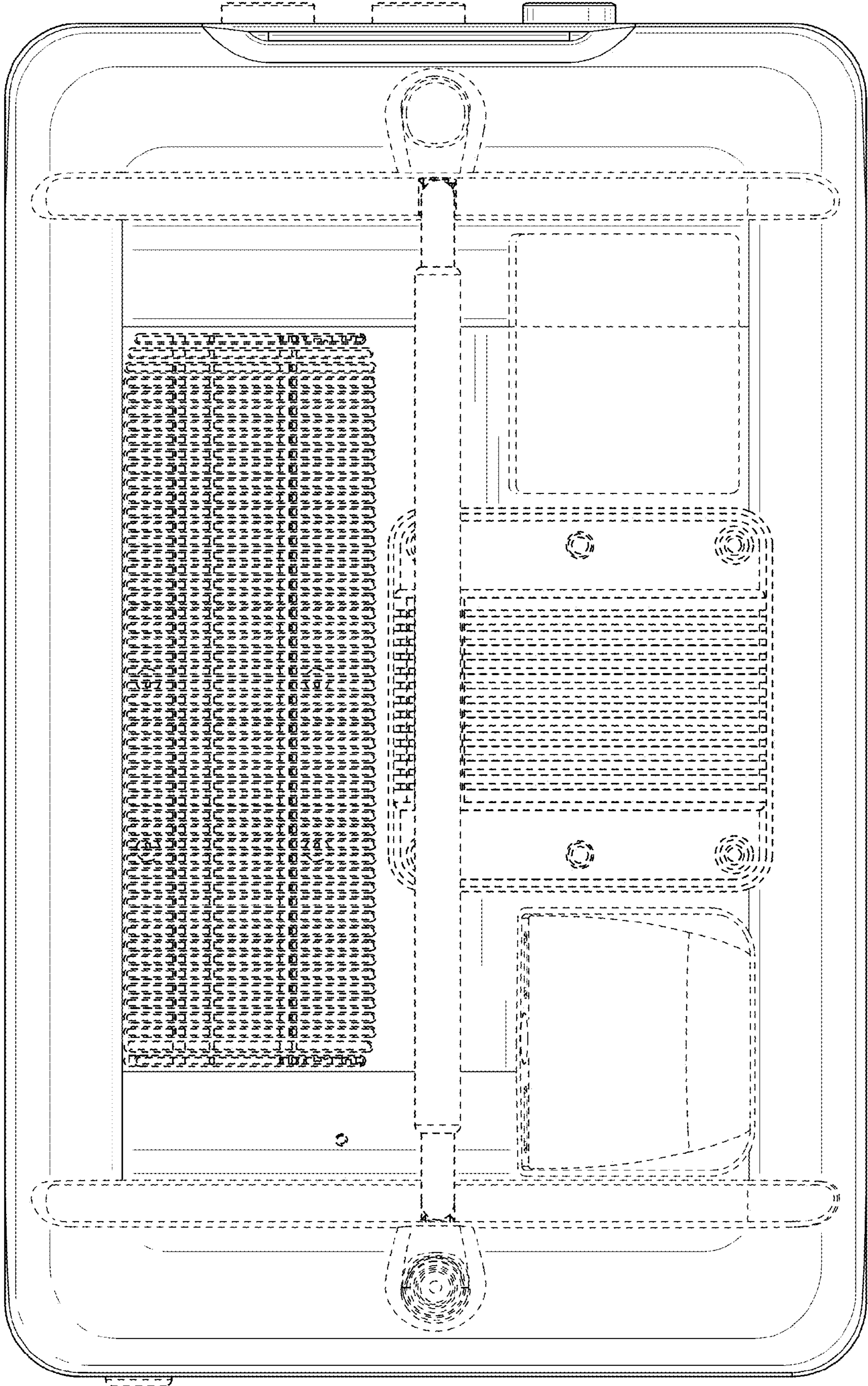


FIG. 57

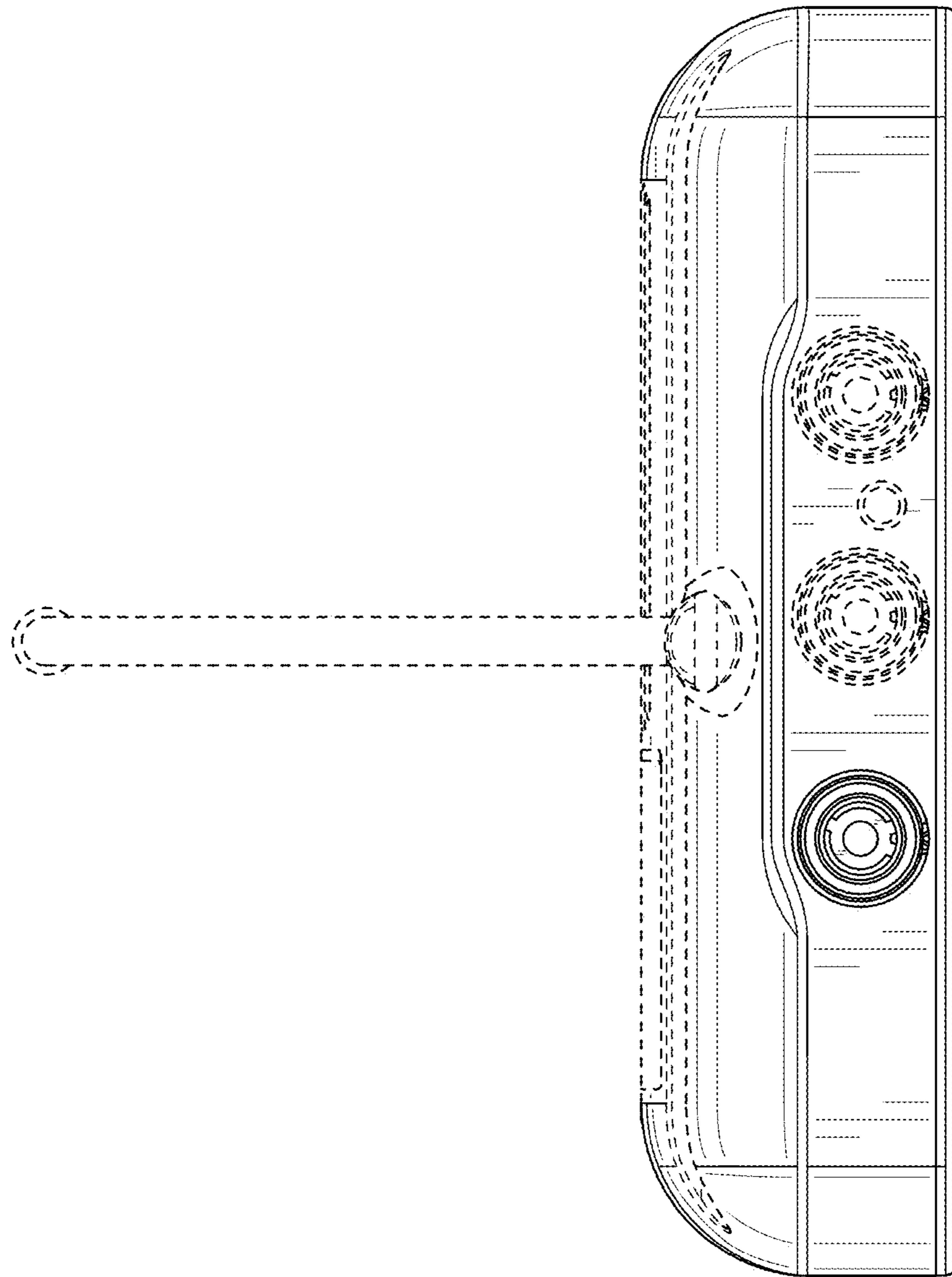


FIG. 58

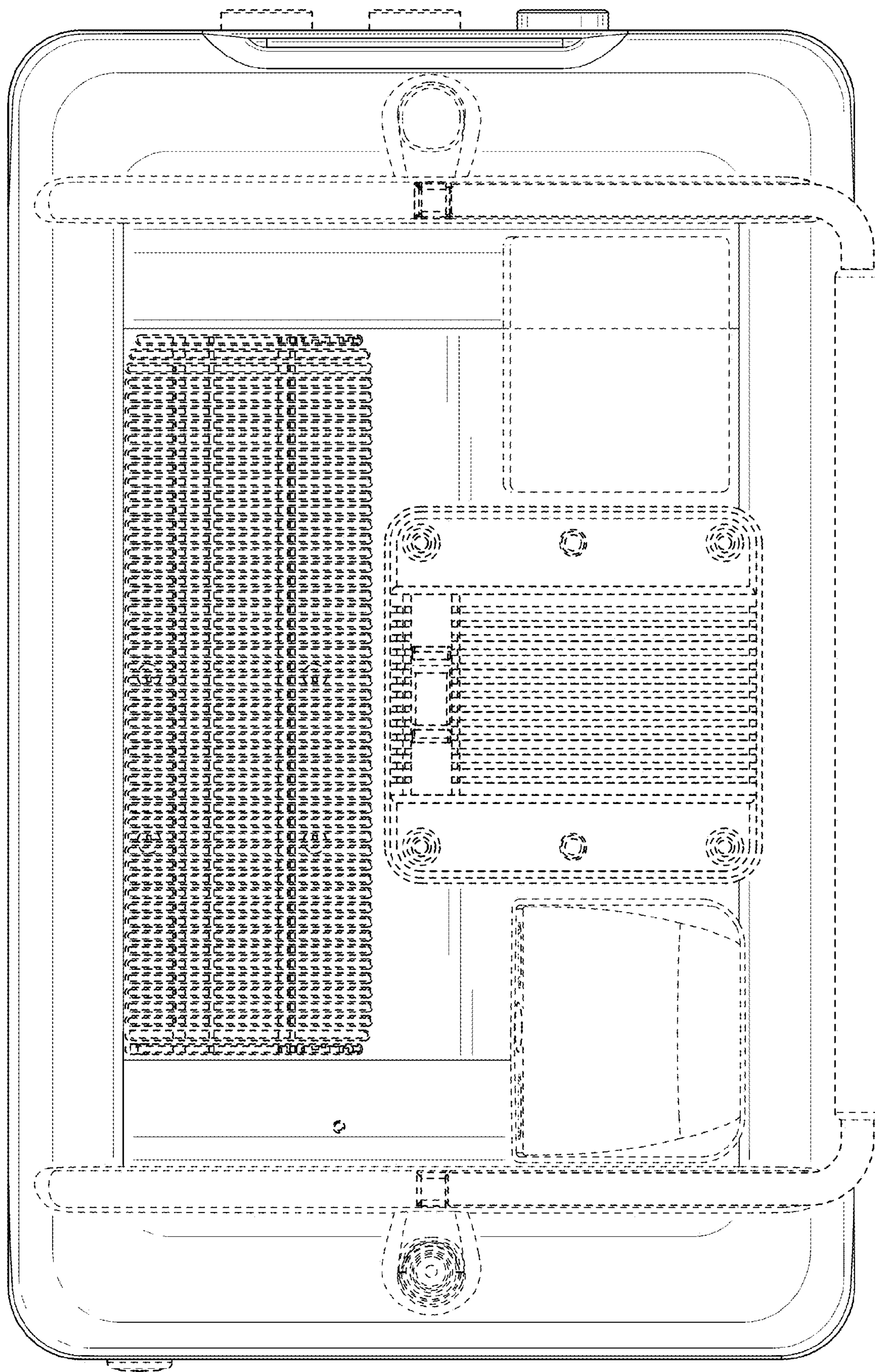


FIG. 59

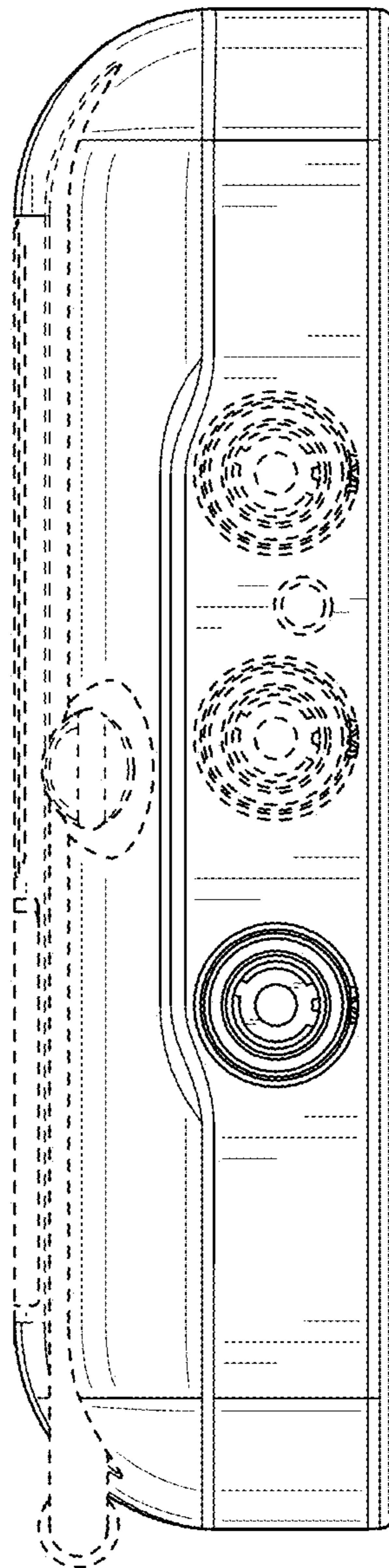


FIG. 60