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(12)

United States Design Patent

Zhou et al.

(10)

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US D993,519 S

(45)

Date of Patent:

** Jul. 25, 2023

(54) LIGHTING DEVICE

DESCRIPTION

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(73) Assignee: **MAINHOUSE (XIAMEN) ELECTRONICS CO., LTD**, Fujian (CN)

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

(21) Appl. No.: **29/692,872**

(22) Filed: **May 29, 2019**

(30) **Foreign Application Priority Data**

Dec. 19, 2018	(CN)	201830738502.3
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(51) **LOC (14) Cl.** **26-02**

(52) **U.S. Cl.**

USPC	D26/41; D26/40; D26/119
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(58) **Field of Classification Search**

USPC	D26/34, 37, 38, 40, 41, 118, 119; D10/111, 114.2, 114.9
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(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D296,010 S *	5/1988 Wan	D26/40
5,836,757 A *	11/1998 Long	F21V 19/06 431/264

(Continued)

Primary Examiner — Clint A Samuel

(74) Attorney, Agent, or Firm — Cooper Legal Group, LLC

FIG. 1 is a front elevational view of a lighting device showing the new design;

FIG. 2 is a rear elevational view thereof;

FIG. 3 is a left-side elevational view thereof;

FIG. 4 is a right-side elevational view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a front, right perspective view thereof;

FIG. 8 is another front, right perspective view thereof, showing a use status;

FIG. 9 is another front, right perspective view thereof, showing another use status;

FIG. 10 is another front, right perspective view thereof, showing another use status;

FIG. 11 is an enlarged partial view of the indicated portion on FIG. 1;

FIG. 12 is an enlarged partial view of the indicated portion on FIG. 1 to FIG. 3;

FIG. 13 is an enlarged partial view of the indicated portion on FIG. 1;

FIG. 14 is an enlarged partial view of the indicated portion on FIG. 2;

FIG. 15 is an enlarged partial view of the indicated portion on FIG. 2;

FIG. 16 is an enlarged partial view of the indicated portion on FIG. 3;

FIG. 17 is an enlarged partial view of the indicated portion on FIG. 3 and FIG. 4;

FIG. 18 is an enlarged partial view of the indicated portion on FIG. 3;

FIG. 19 is an enlarged partial view of the indicated portion on FIG. 4;

FIG. 20 is an enlarged partial view of the indicated portion on FIG. 4;

FIG. 21 is an enlarged partial view of the indicated portion on FIG. 5;

FIG. 22 is an enlarged partial view of the indicated portion on FIG. 6;

FIG. 23 is an enlarged partial view of the indicated portion on FIG. 7;

(Continued)

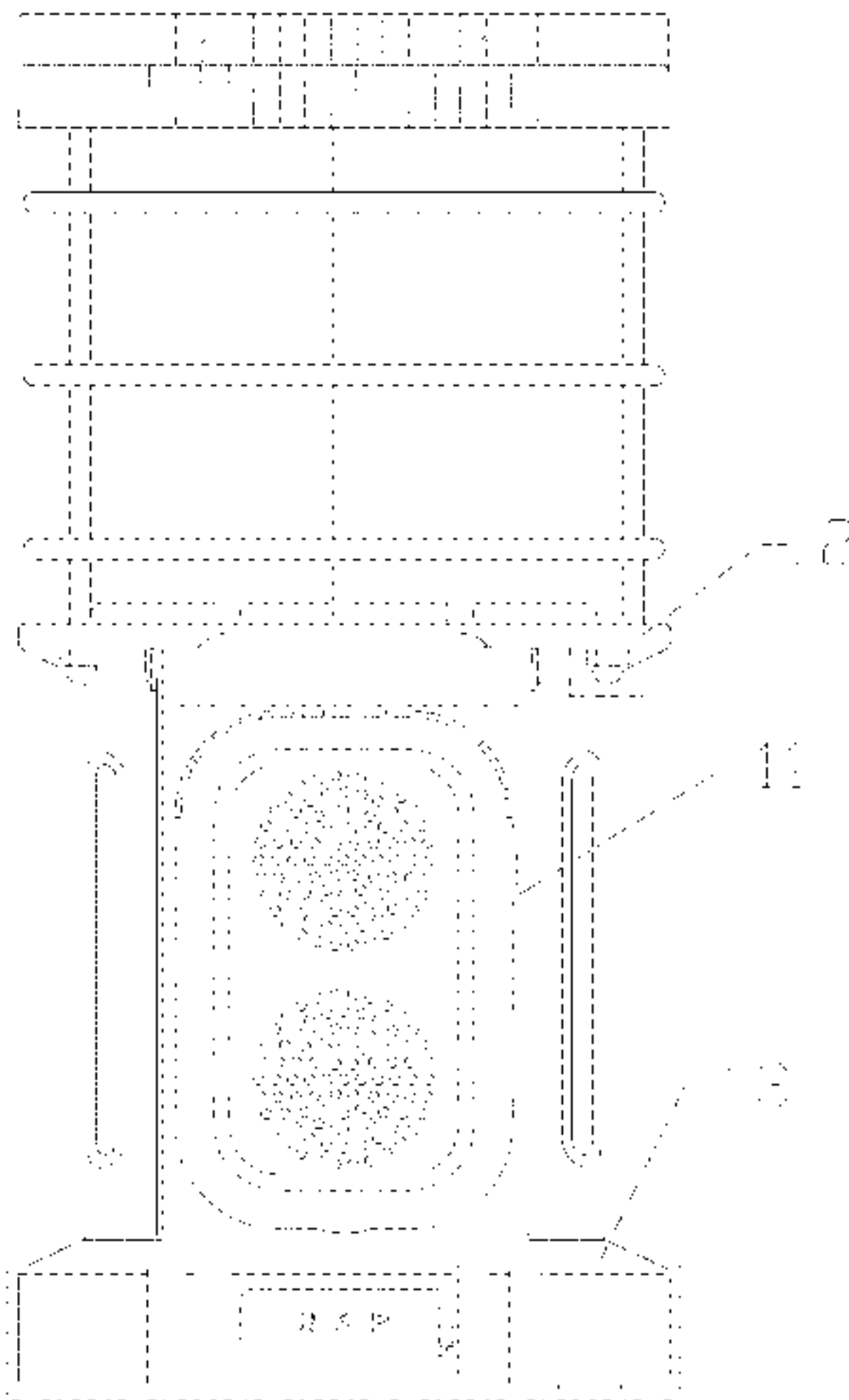


FIG. 24 is an enlarged partial view of the indicated portion on FIG. 7;
FIG. 25 is an enlarged partial view of the indicated portion on FIG. 7 to FIG. 10;
FIG. 26 is an enlarged partial view of the indicated portion on FIG. 7 to FIG. 10;
FIG. 27 is an enlarged partial view of the indicated portion on FIG. 8;
FIG. 28 is an enlarged partial view of the indicated portion on FIG. 8;
FIG. 29 is an enlarged partial view of the indicated portion on FIG. 9;
FIG. 30 is an enlarged partial view of the indicated portion on FIG. 9;
FIG. 31 is an enlarged partial view of the indicated portion on FIG. 10;
FIG. 32 is an enlarged partial view of the indicated portion on FIG. 10; and,
FIG. 33 is an enlarged partial view of the indicated portion on FIG. 4.

The broken lines shown in drawings are included for the purpose of illustrating portions of the lighting device, and form no part of the claimed design.

1 Claim, 33 Drawing Sheets

(58) Field of Classification Search

CPC F21L 14/00; F21L 14/02; F21L 14/023;
F21L 4/00; F21L 2003/00; F21L 2005/00;
F21L 19/00; F21V 15/00; F21V 15/02;
F21V 17/06

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D468,039 S * 12/2002 Poon D26/40

D535,419	S	*	1/2007	Shiu	.....	D26/40
D541,453	S	*	4/2007	Lau	.....	D26/40
D555,266	S	*	11/2007	Claassen	.....	D26/40
D638,152	S	*	5/2011	Leung	.....	D26/40
D658,324	S	*	4/2012	Reimann	.....	D26/40
D694,444	S	*	11/2013	Poon	.....	D26/40
D706,968	S	*	6/2014	McDonough	.....	D26/41
D707,378	S	*	6/2014	Shiu	.....	D26/41
D729,428	S	*	5/2015	Shen	.....	D26/41
9,217,548	B2	*	12/2015	Shen	.....	F21L 4/00
D748,836	S	*	2/2016	Zhang	.....	D26/40
D794,235	S	*	8/2017	Green	.....	D26/40
D809,688	S	*	2/2018	Christensen	.....	D26/41
D816,250	S	*	4/2018	Wang	.....	D26/41
D823,506	S	*	7/2018	Shiu	.....	D26/40
D829,363	S	*	9/2018	Lan	.....	D26/119
D844,202	S	*	3/2019	Bennett	.....	D26/41
D883,561	S	*	5/2020	Romano	.....	D26/119
D898,255	S	*	10/2020	Lien	.....	D26/41
D904,656	S	*	12/2020	Christensen		D26/41
D911,565	S	*	2/2021	Bertken		D26/41
D931,511	S	*	9/2021	Yan		F21L 4/00
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D936,259	S	*	11/2021	Qiu		D26/40
D943,131	S	*	2/2022	Windom		D26/40
D946,798	S	*	3/2022	Ma		D26/41
D948,093	S	*	4/2022	Rajasekaran	.....	D26/41
D950,122	S	*	4/2022	Wei	.....	D26/40
D951,506	S	*	5/2022	Freeland	.....	D26/37
D951,793	S	*	5/2022	Joyce	.....	D10/114.9
D952,215	S	*	5/2022	Windom	.....	D26/40
D953,593	S	*	5/2022	Chen	.....	D26/41
D955,025	S	*	6/2022	Luo	.....	D26/40
D962,512	S	*	8/2022	Gao		D26/40
D965,842	S	*	10/2022	Zhao		D26/40
2014/0321106	A1	*	10/2014	Workman		F21V 21/06
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2015/0062883	A1	*	3/2015	Shen		F21L 4/027
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* cited by examiner

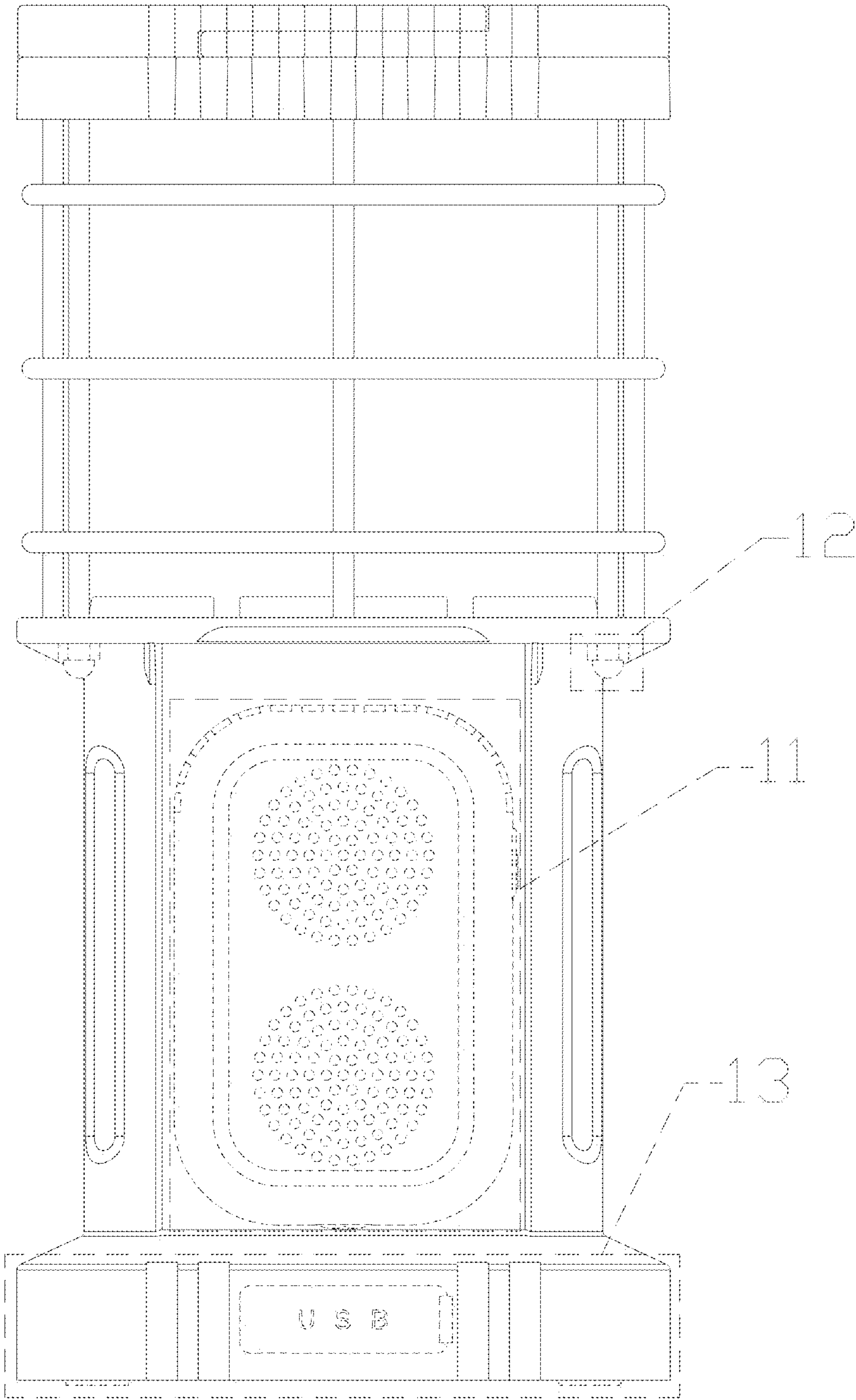


FIG. 1

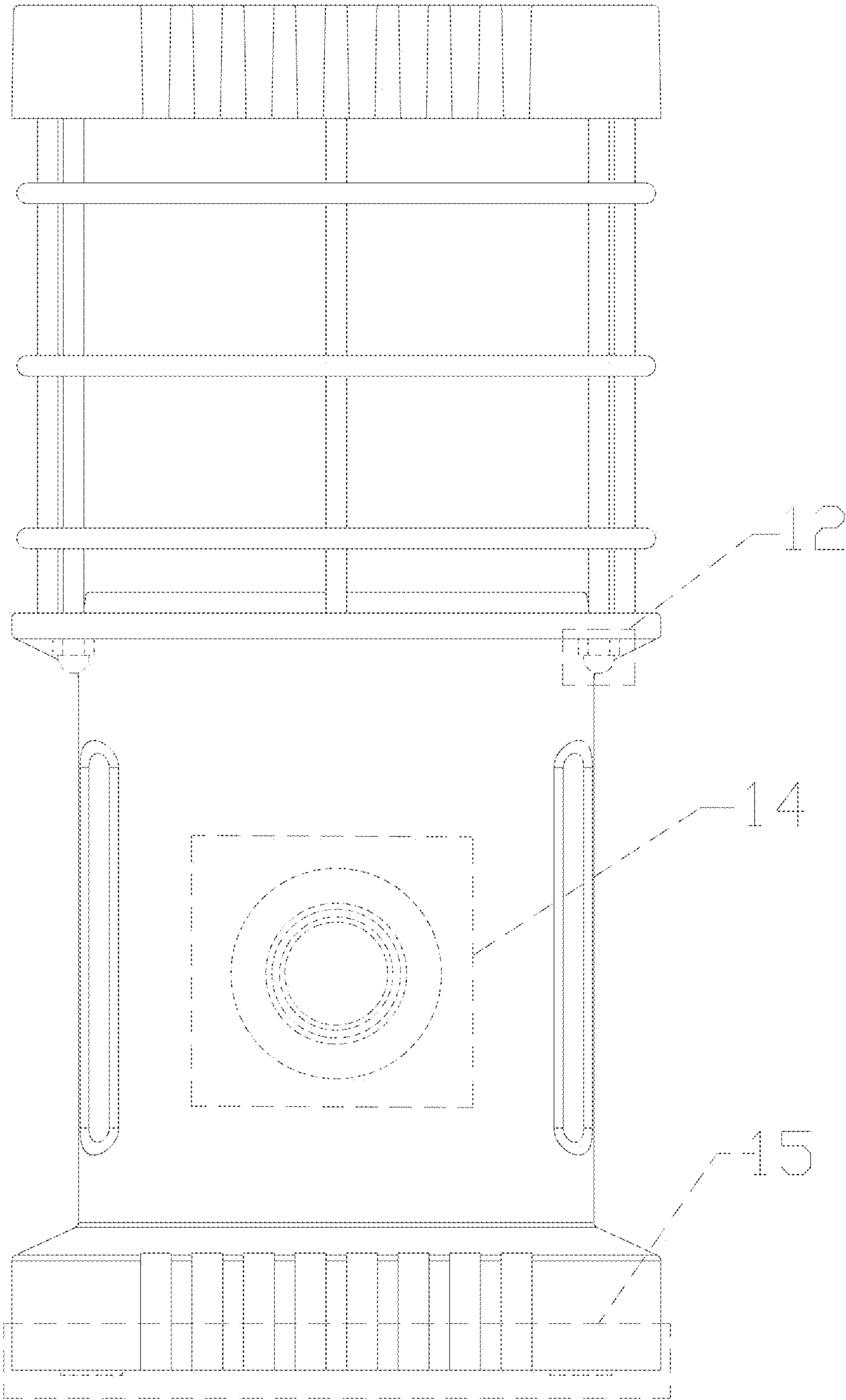


FIG. 2

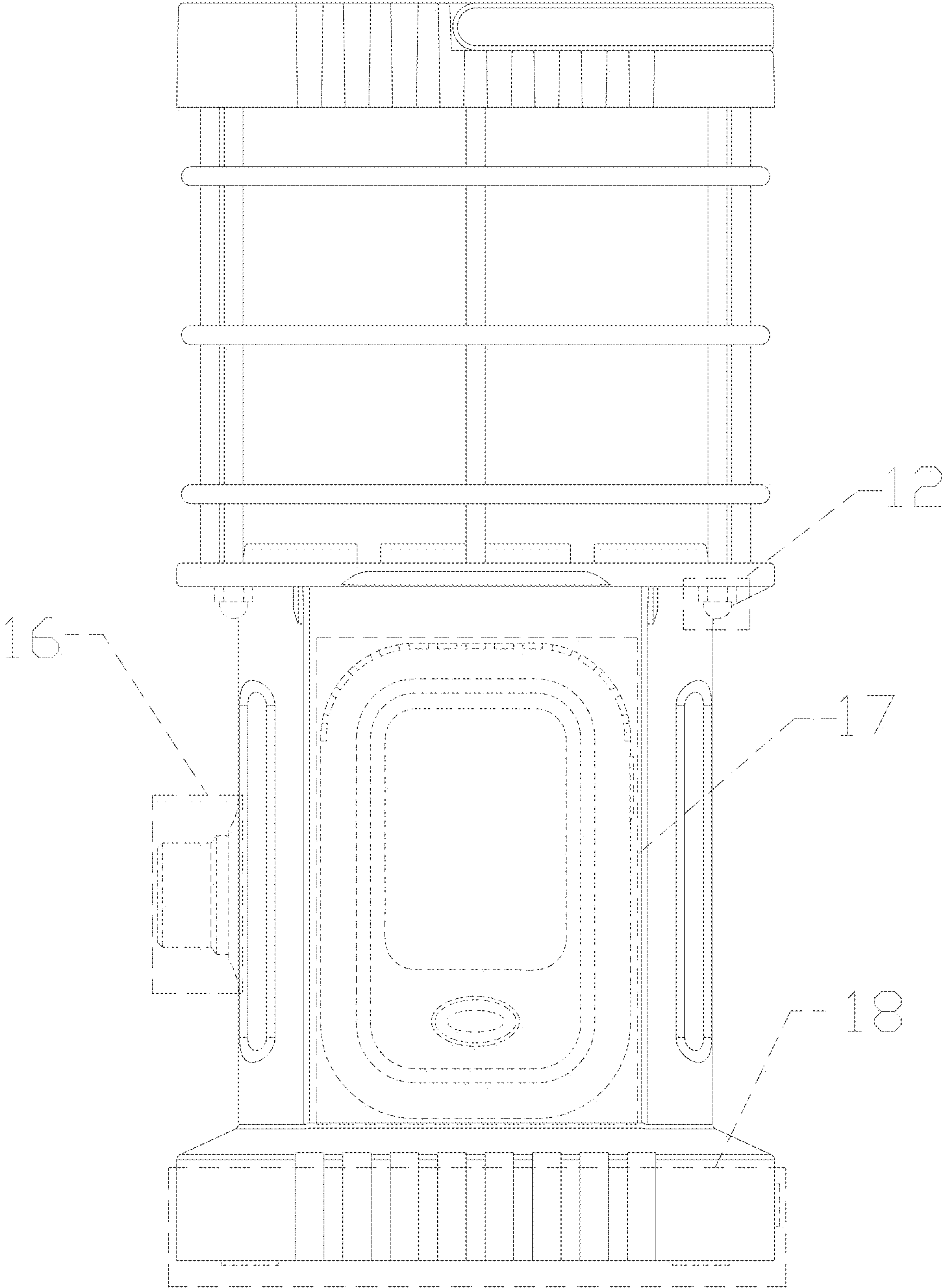


FIG. 3

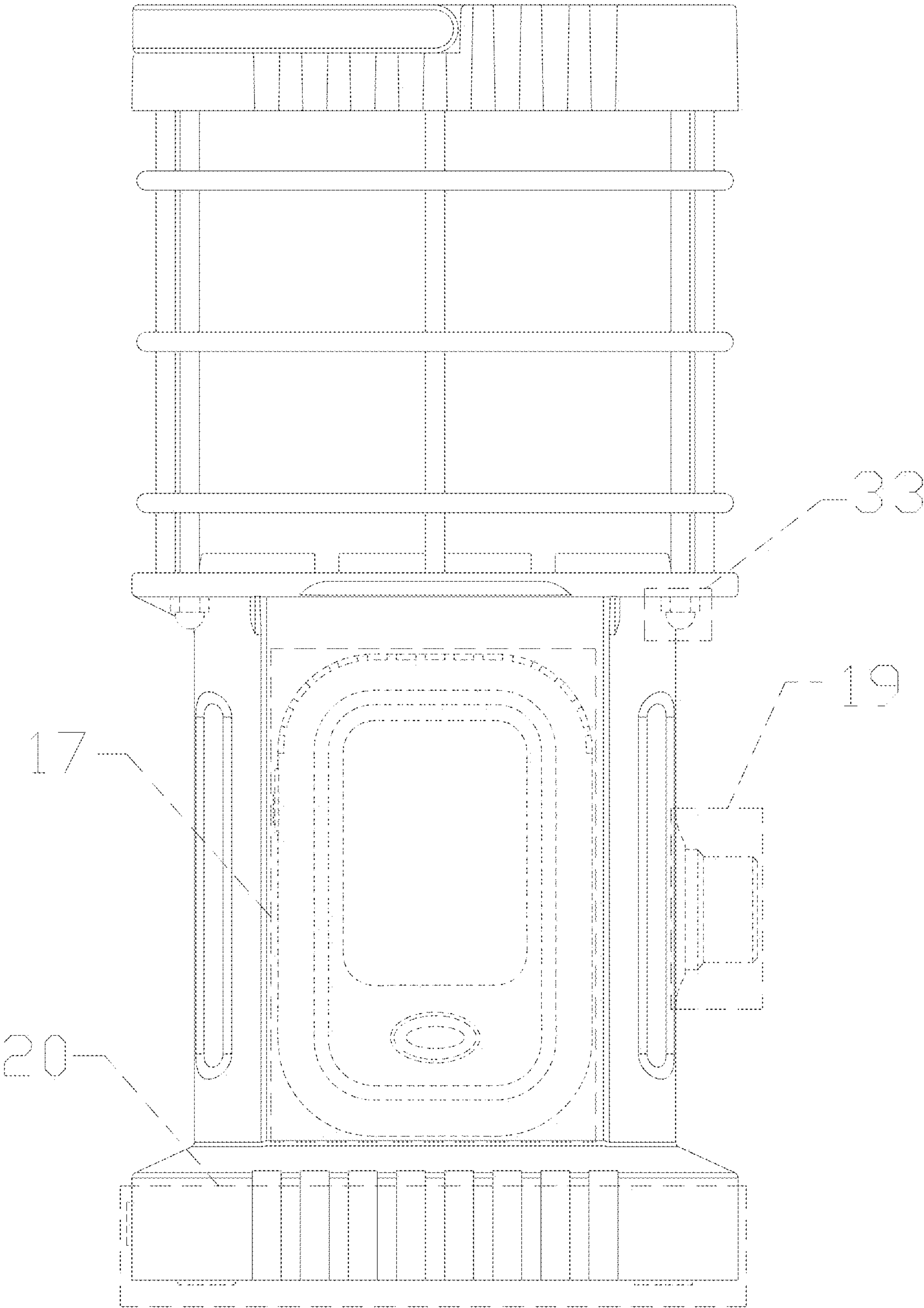


FIG. 4

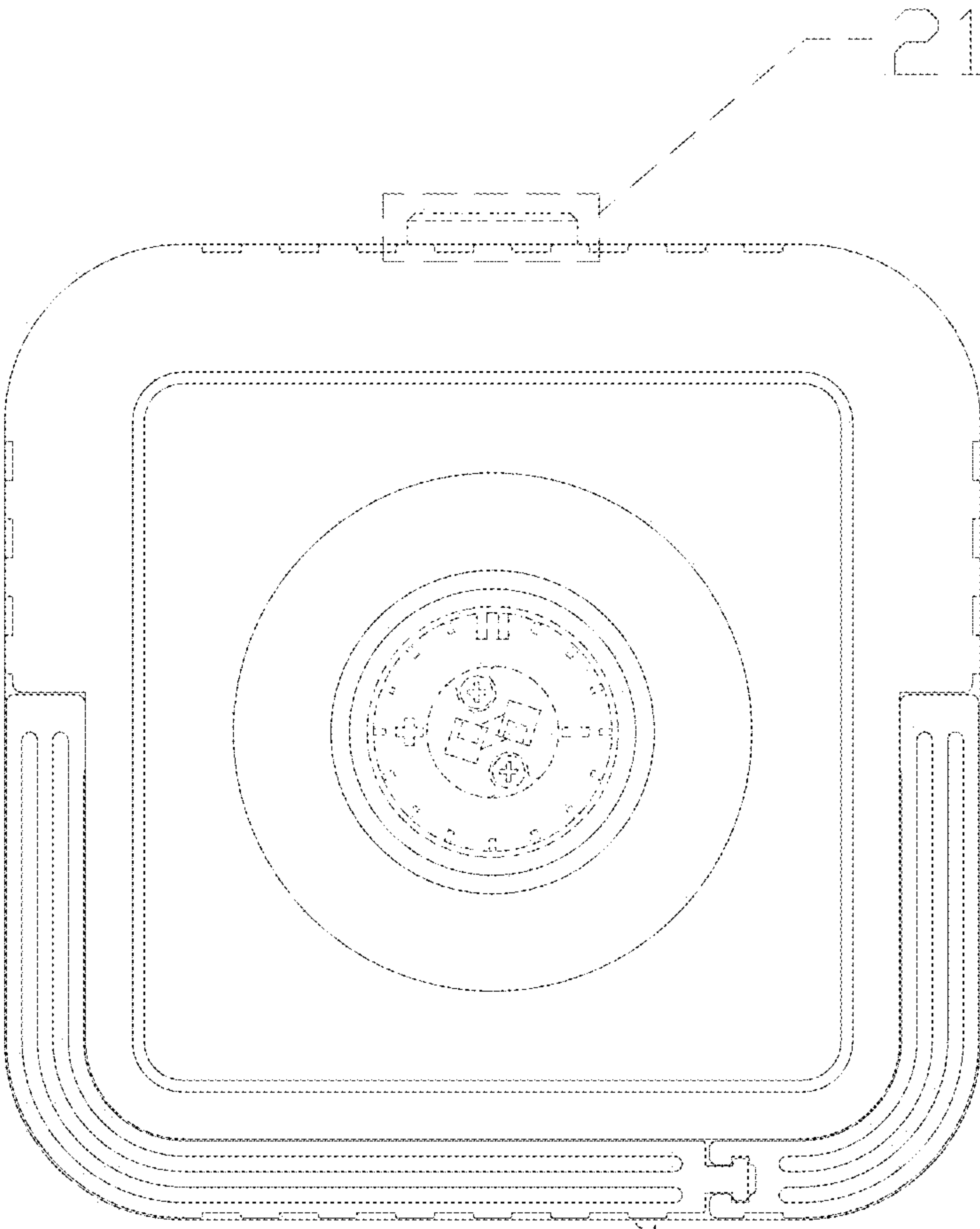


FIG. 5

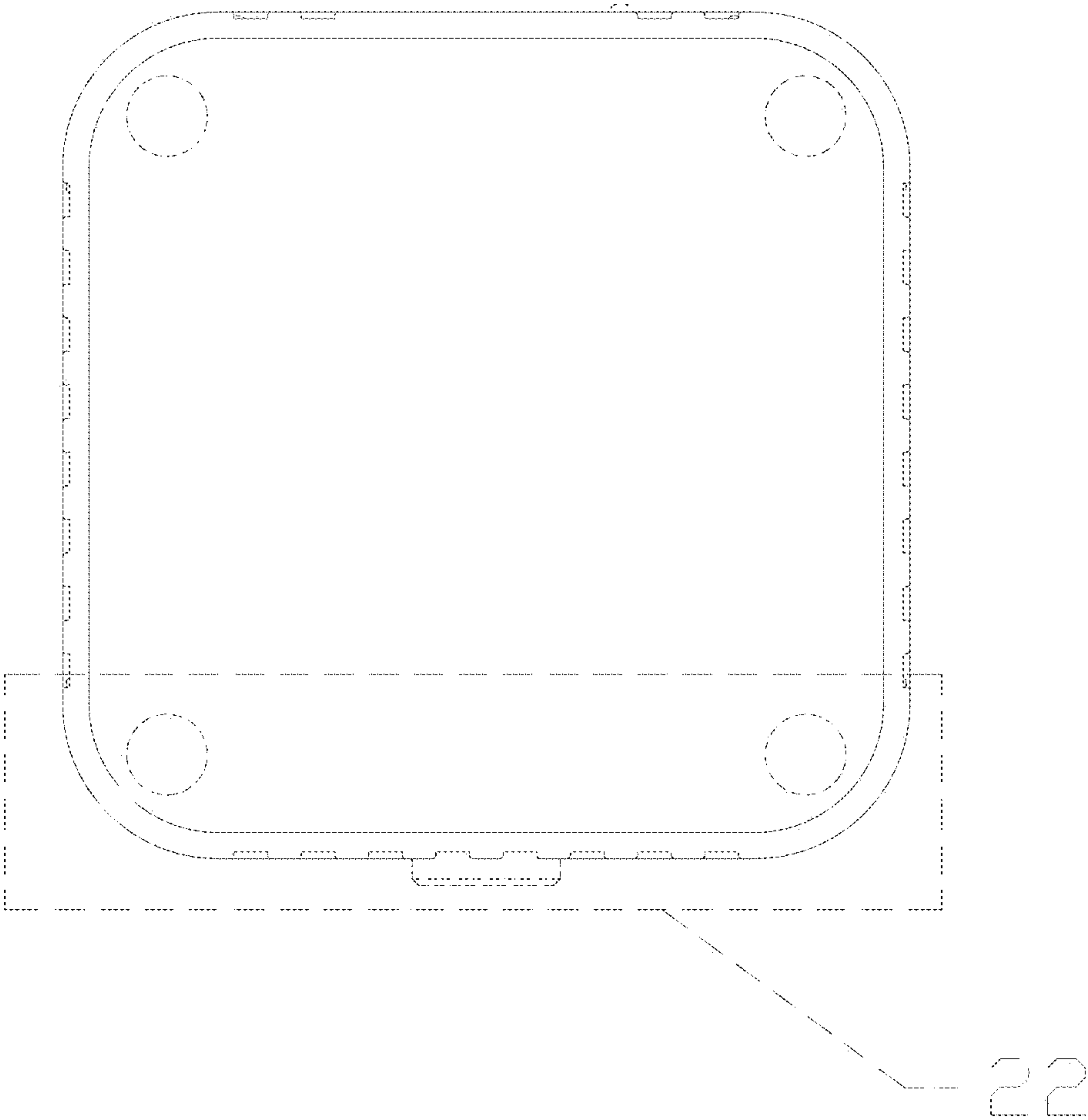


FIG. 6

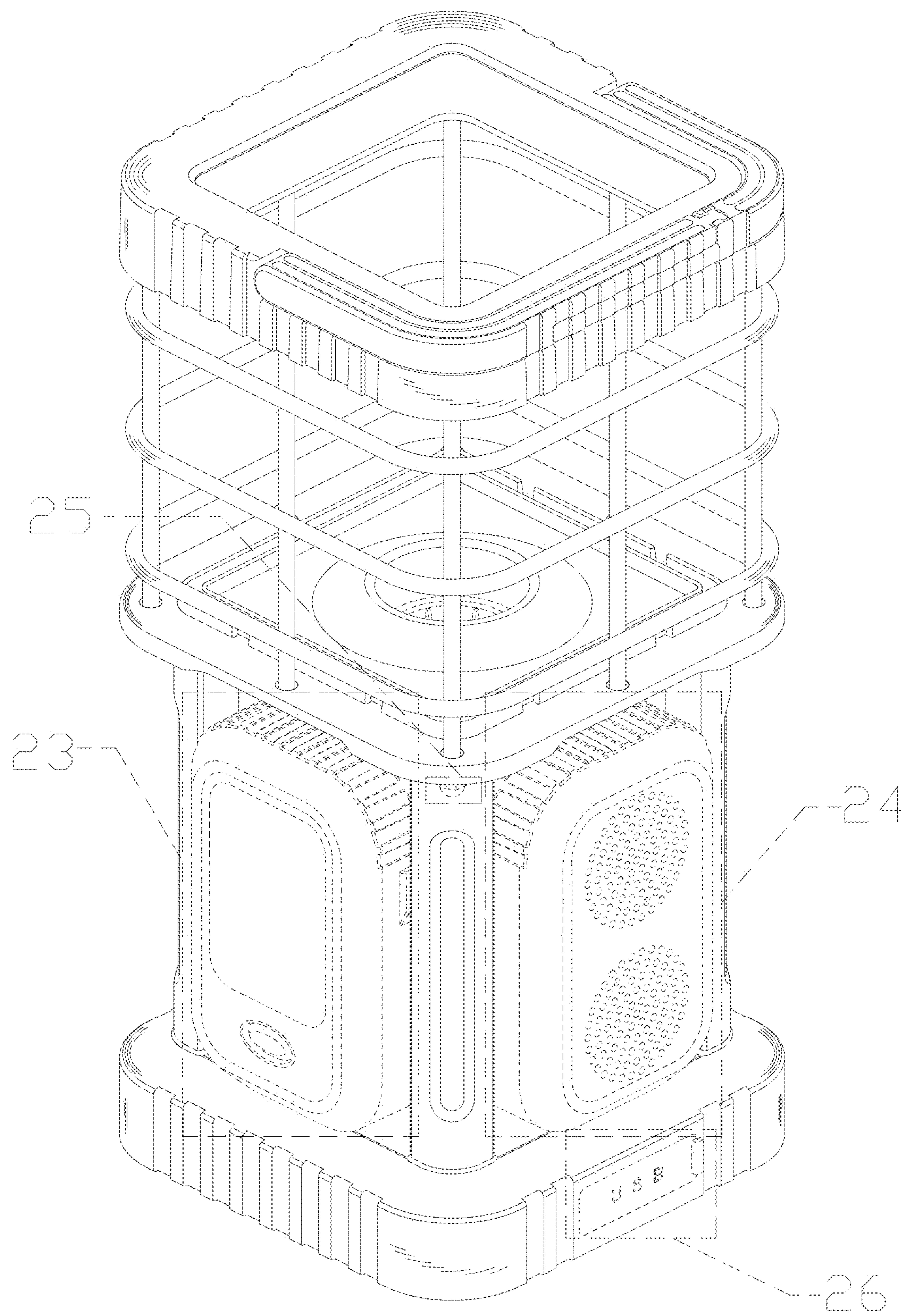


FIG. 7

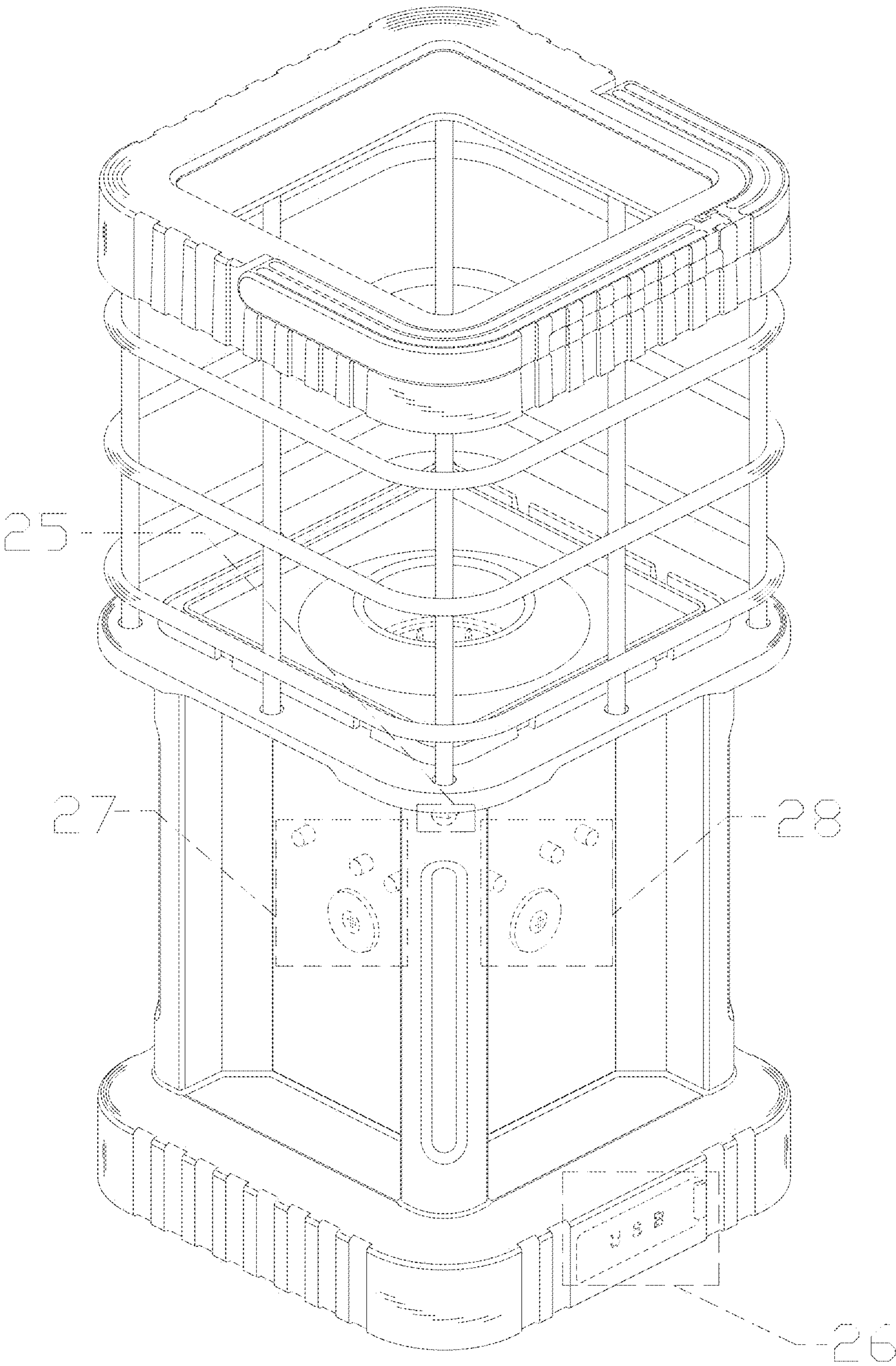


FIG. 8

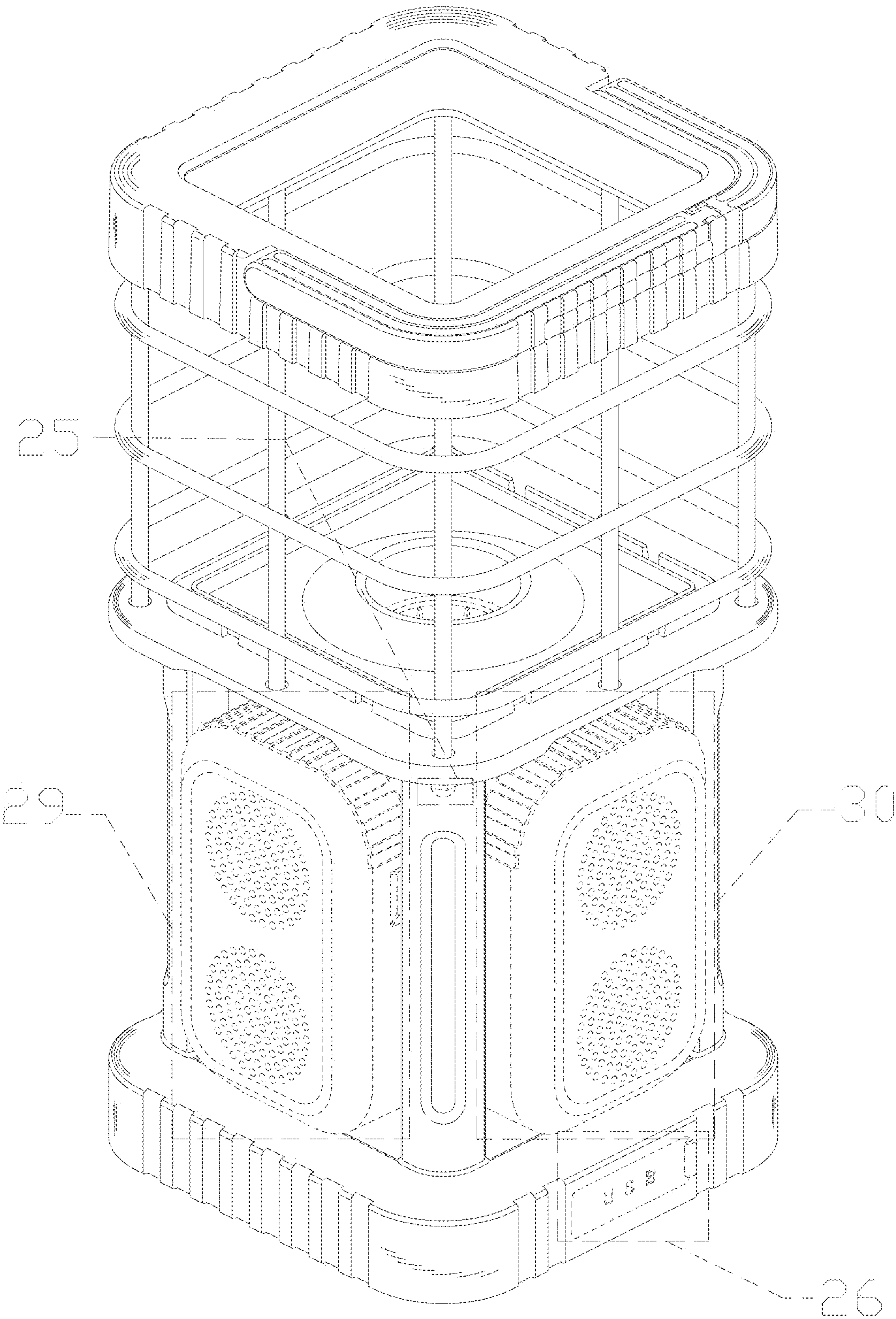


FIG. 9

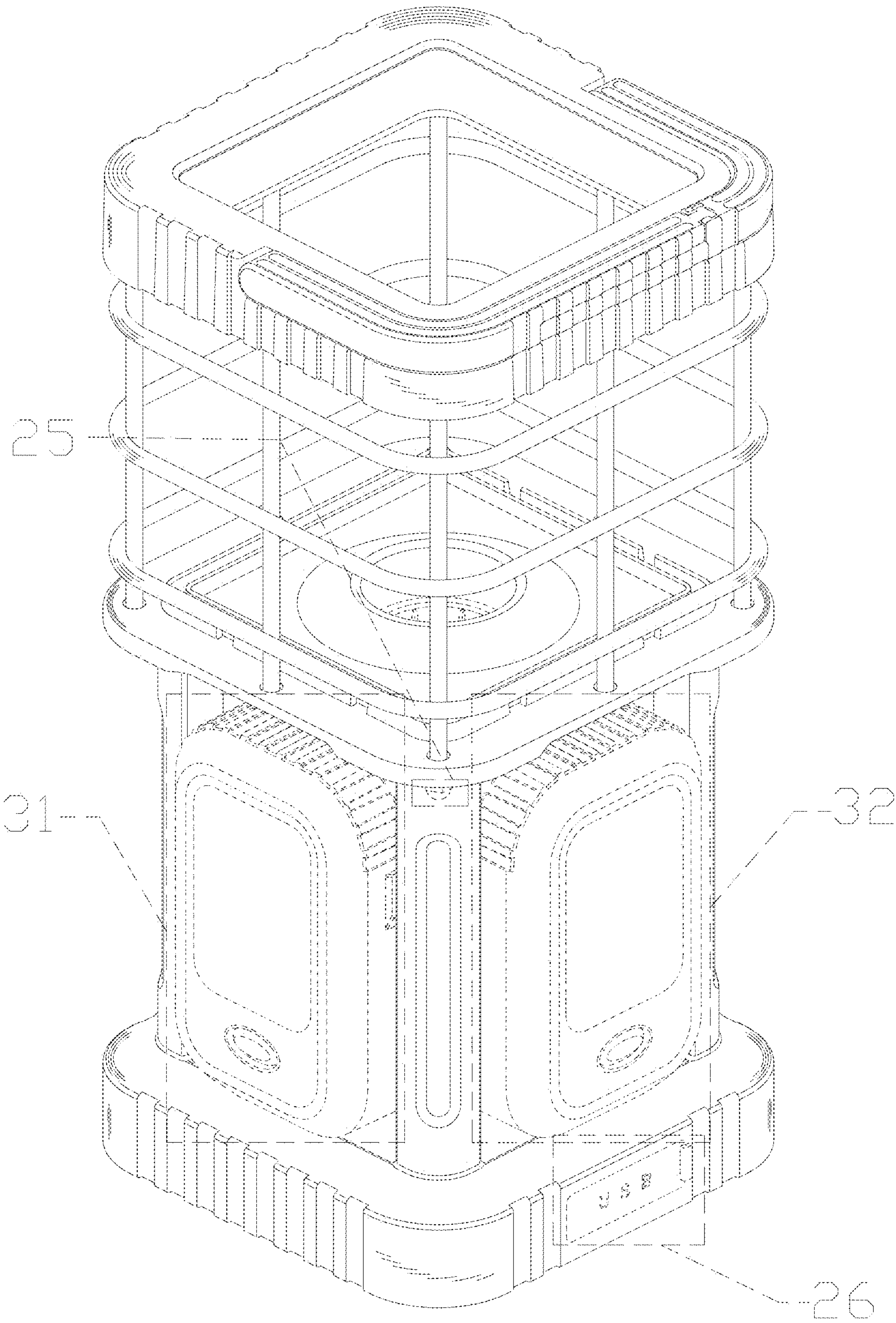


FIG. 10

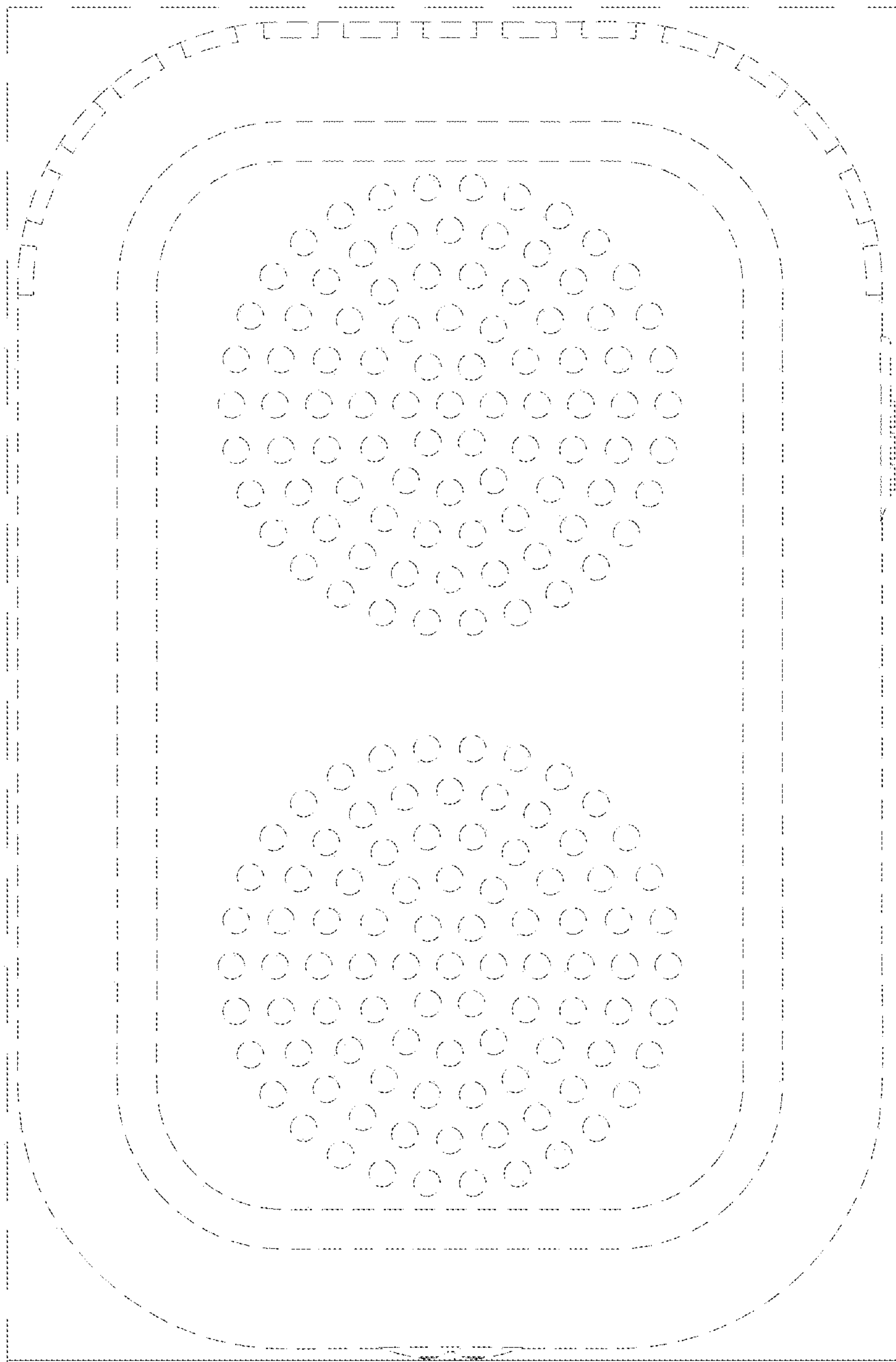


FIG. 11

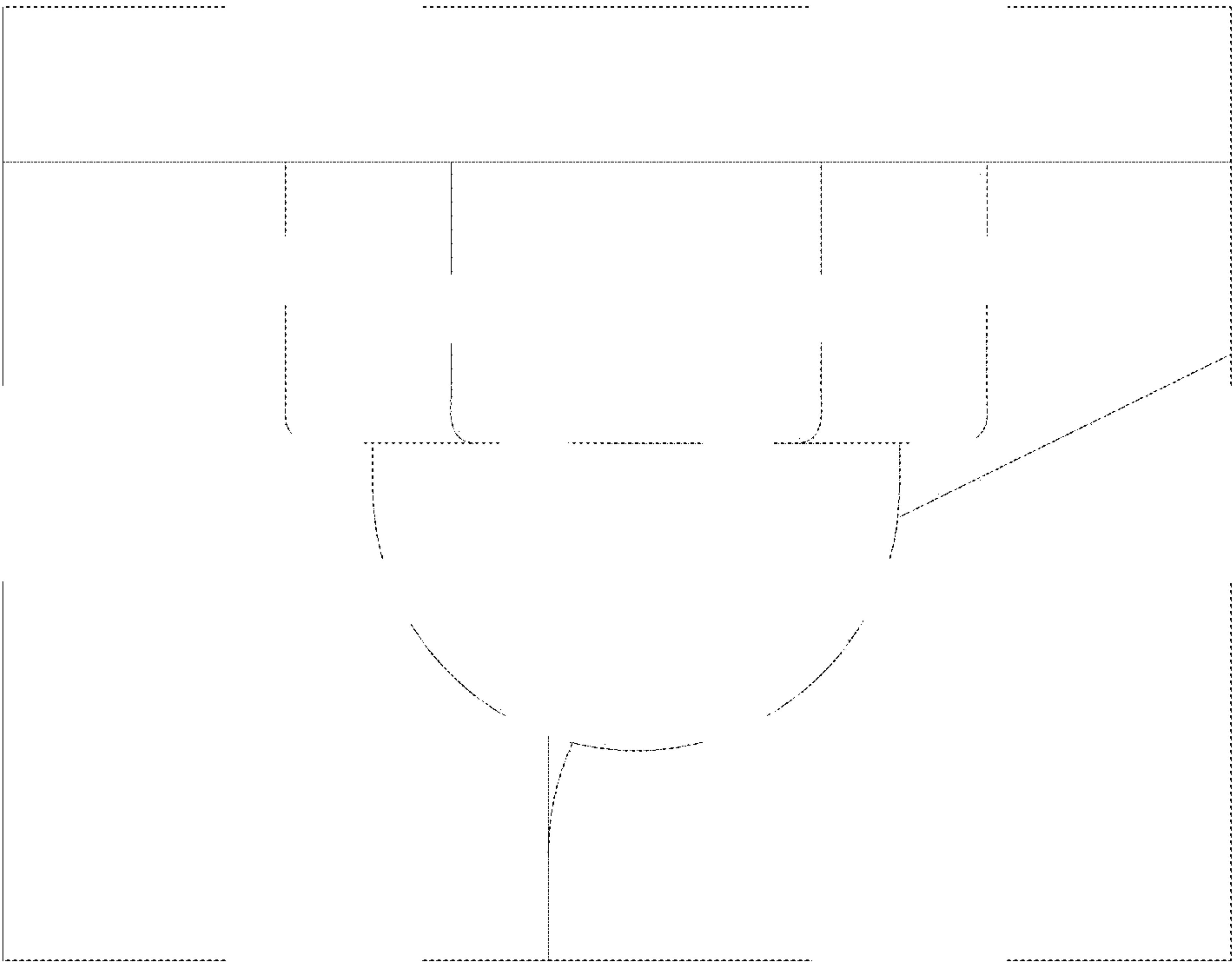


FIG. 12

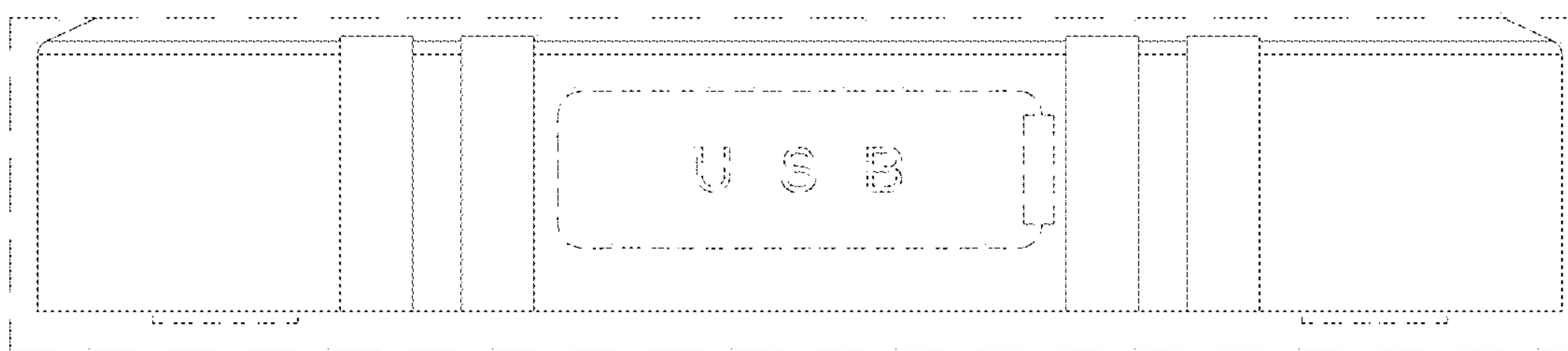


FIG. 13

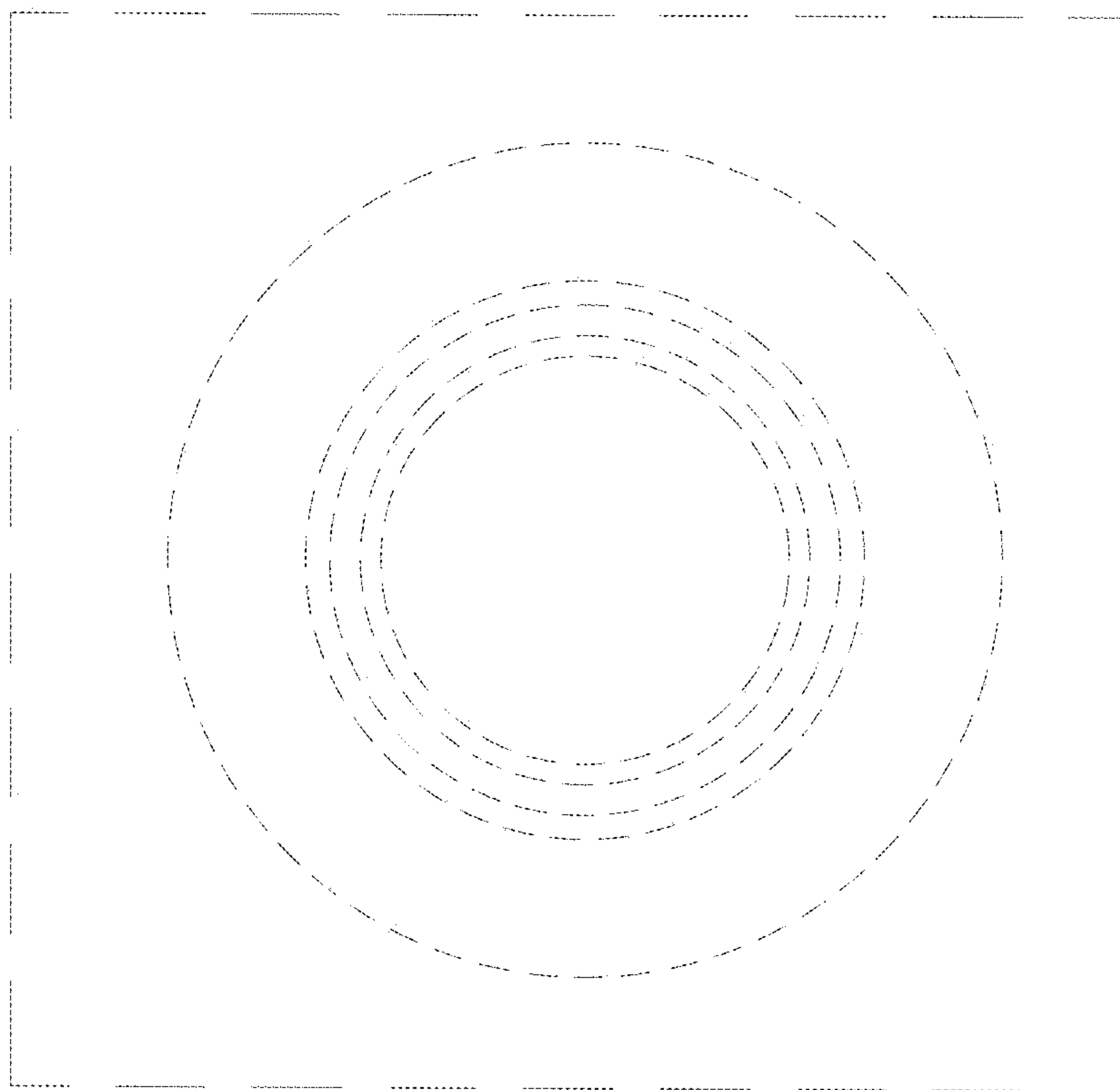


FIG. 14

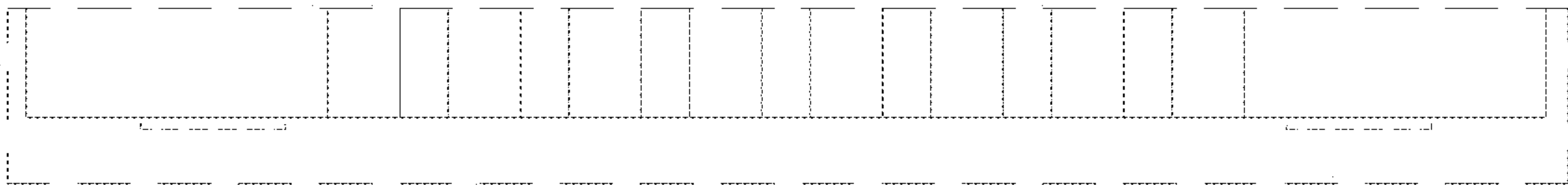


FIG. 15

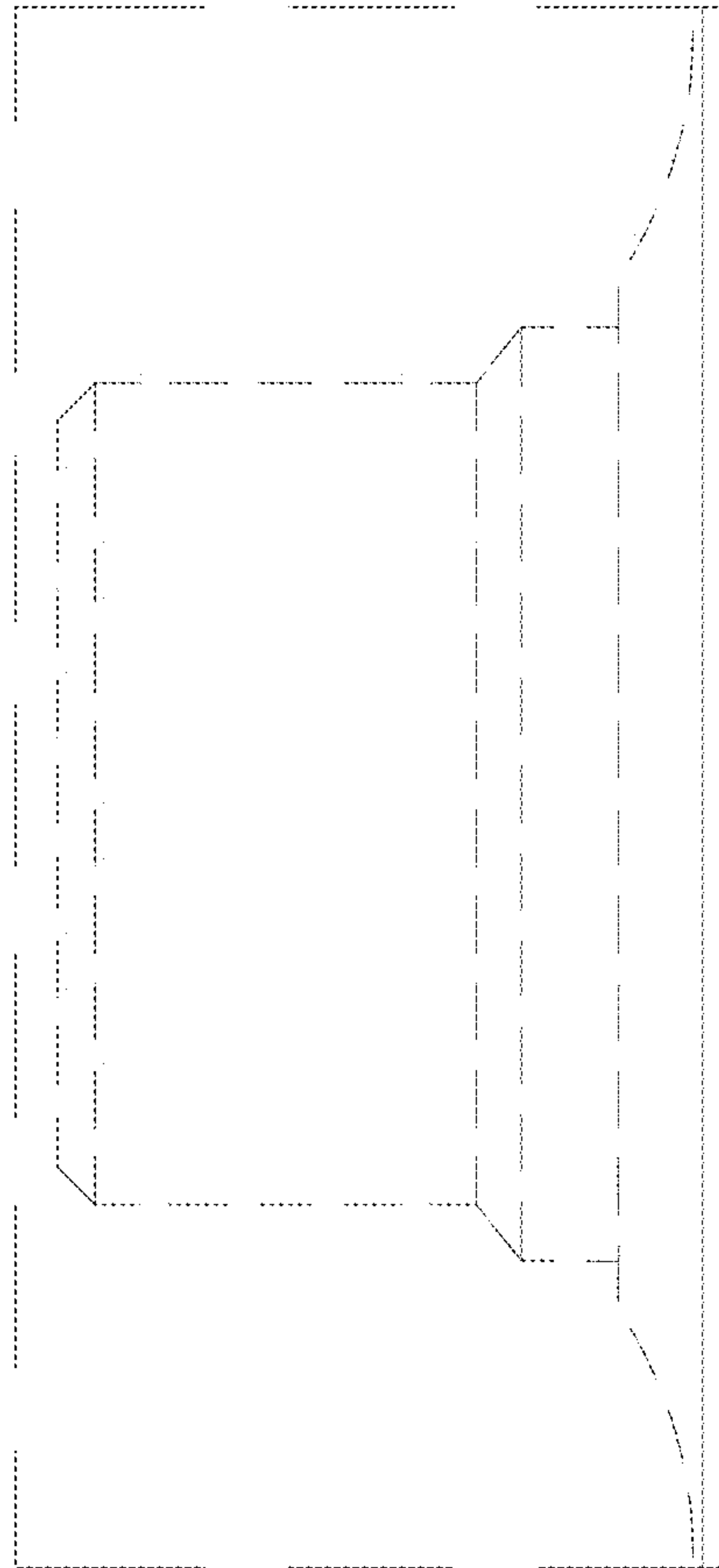


FIG. 16

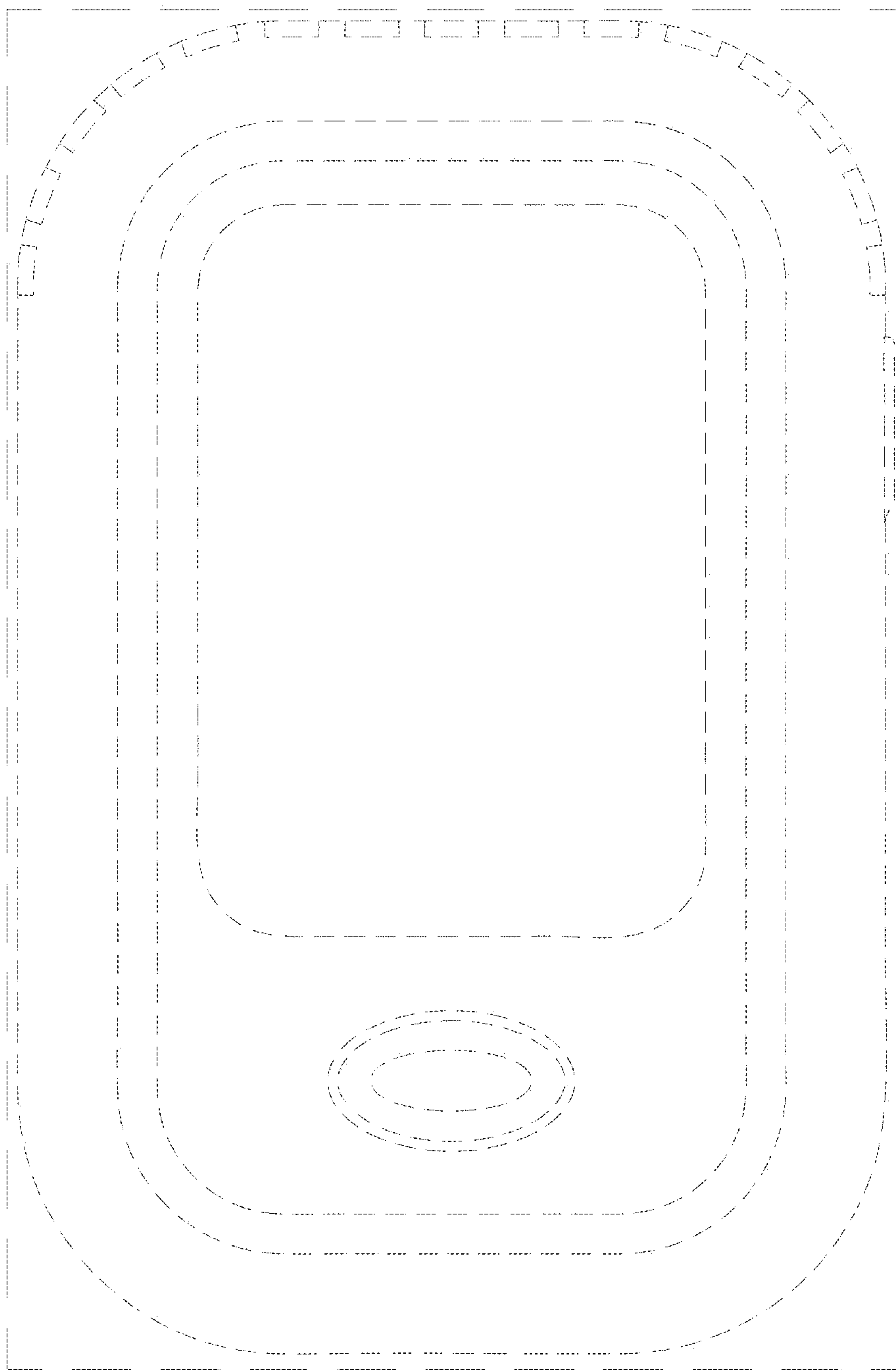


FIG. 17

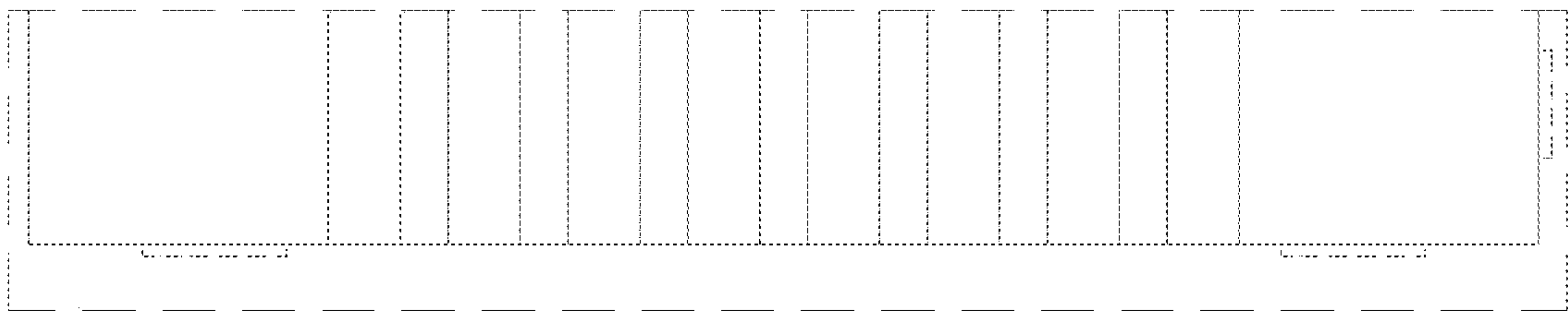


FIG. 18

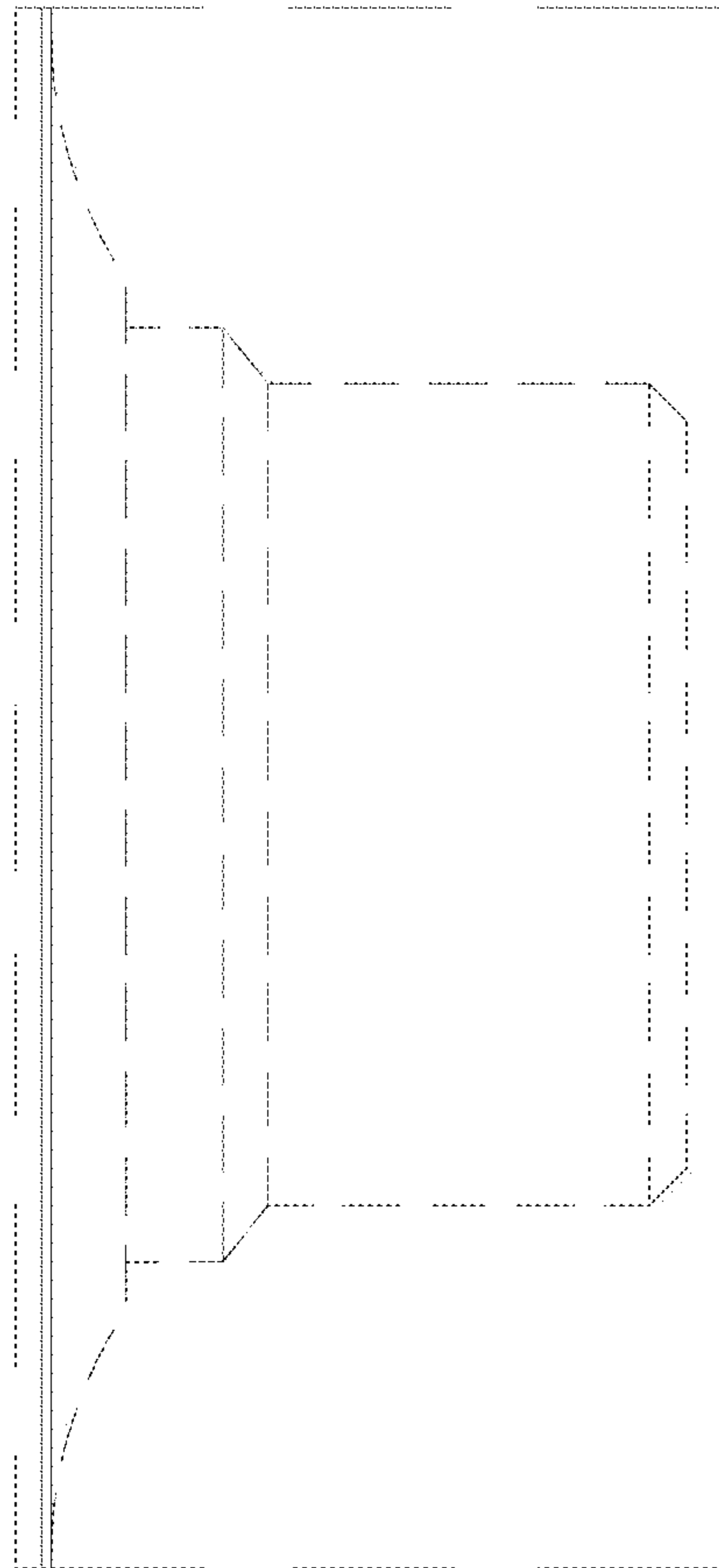


FIG. 19

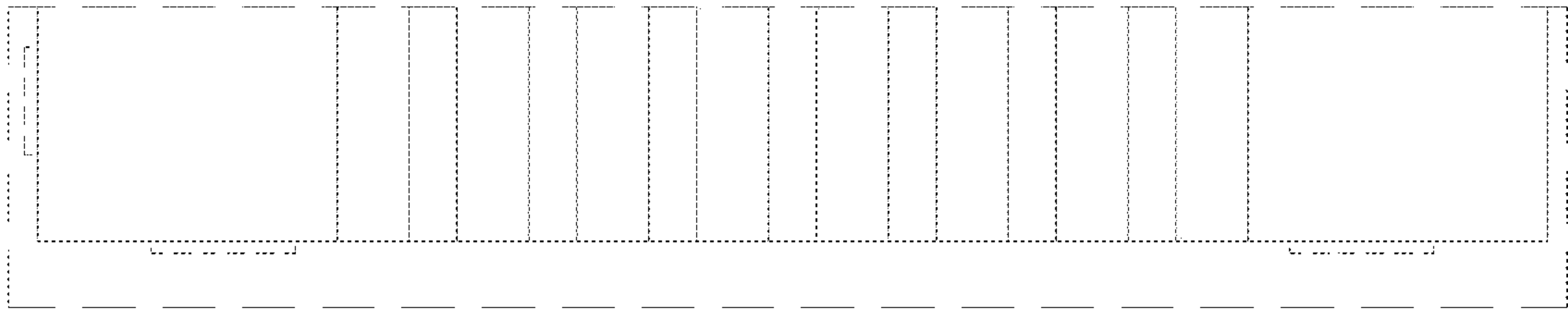


FIG. 20

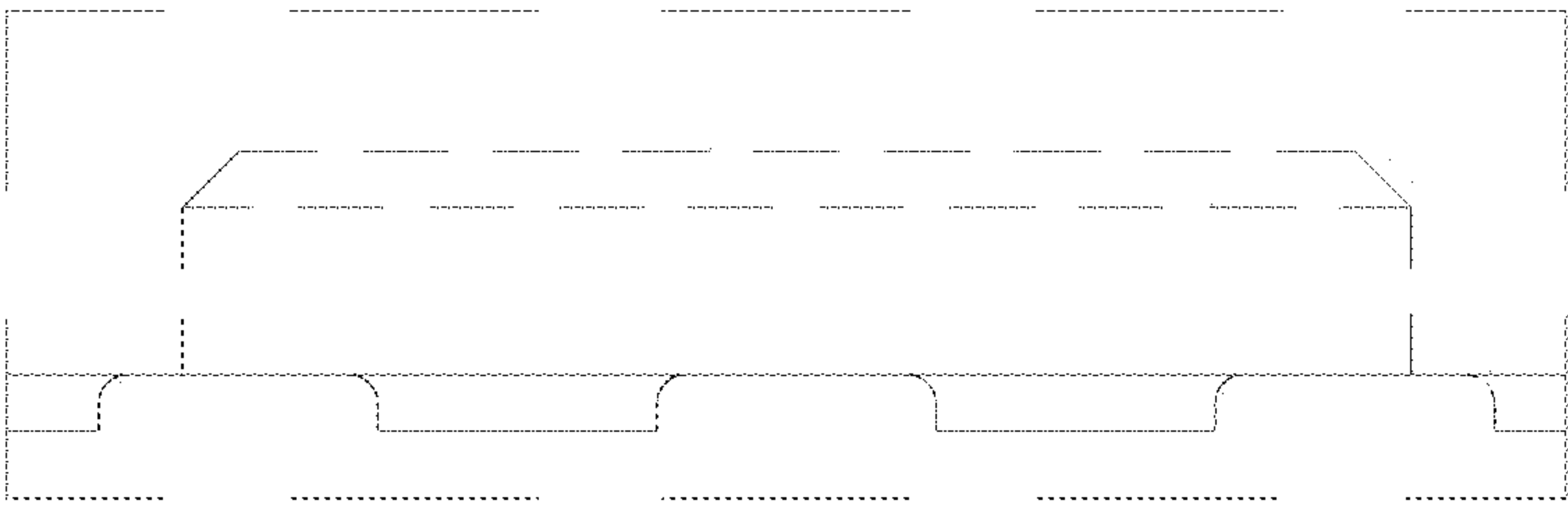


FIG. 21

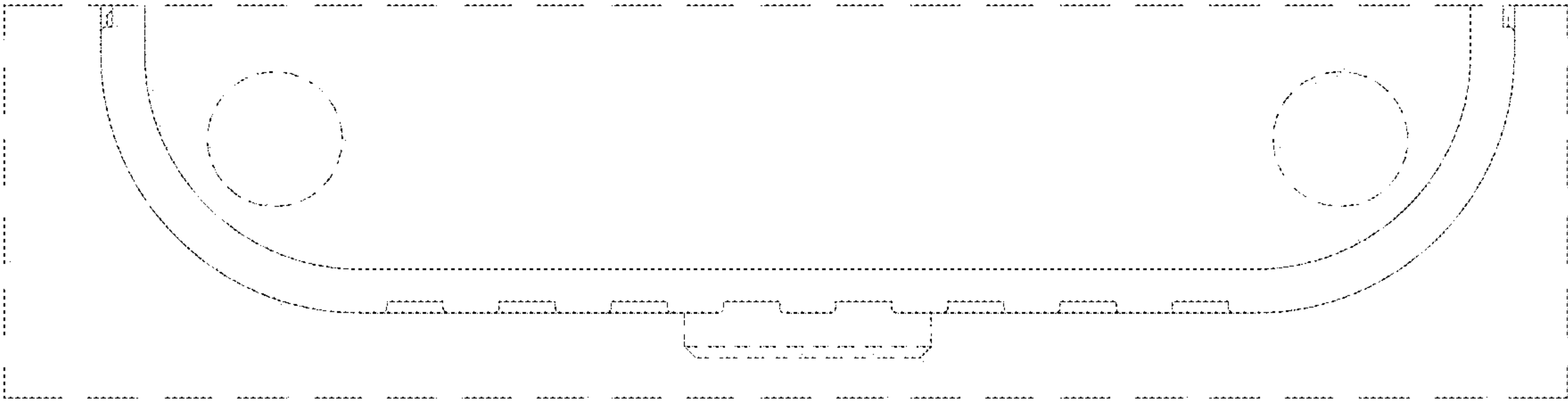


FIG. 22

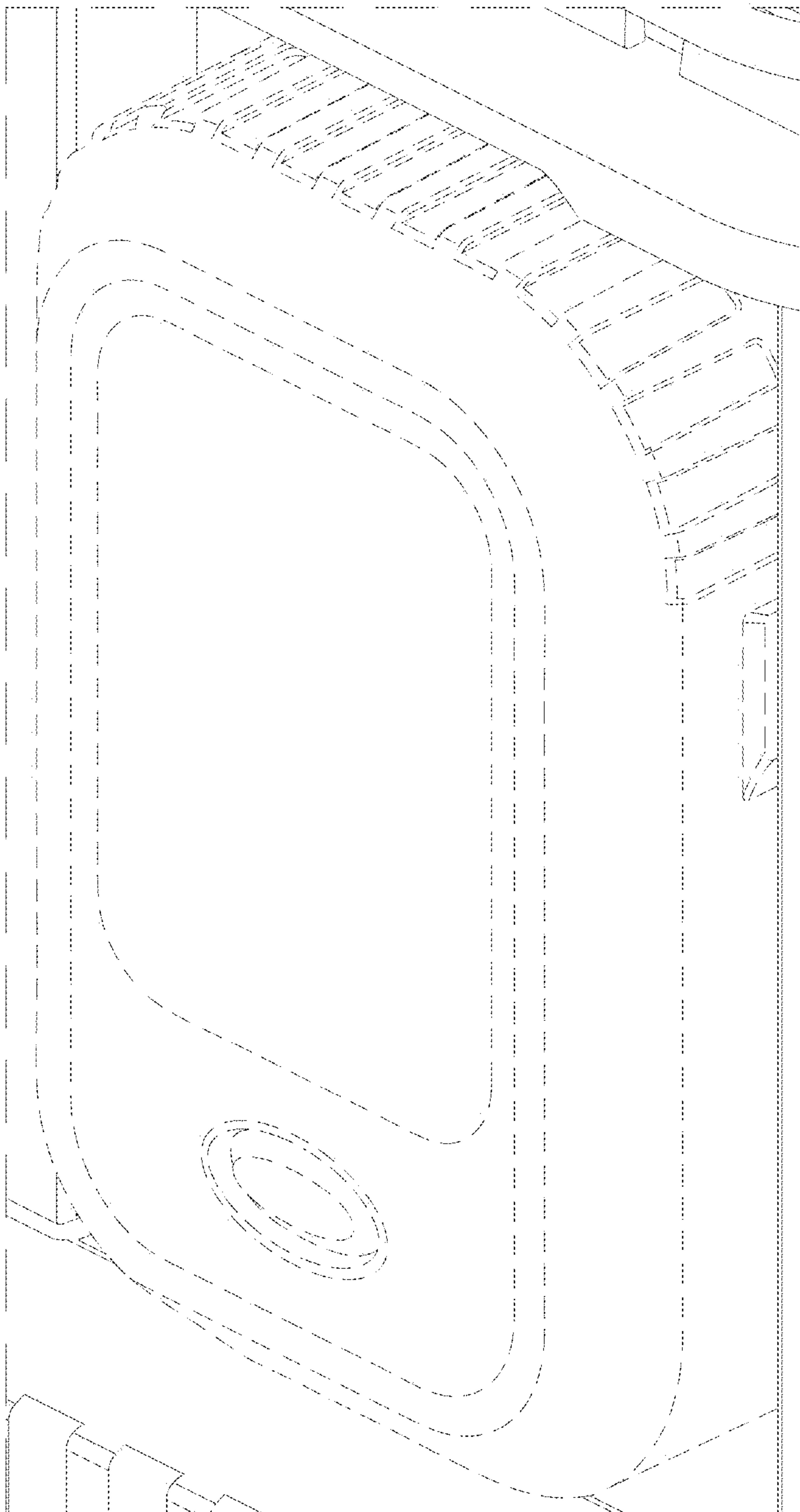


FIG. 23

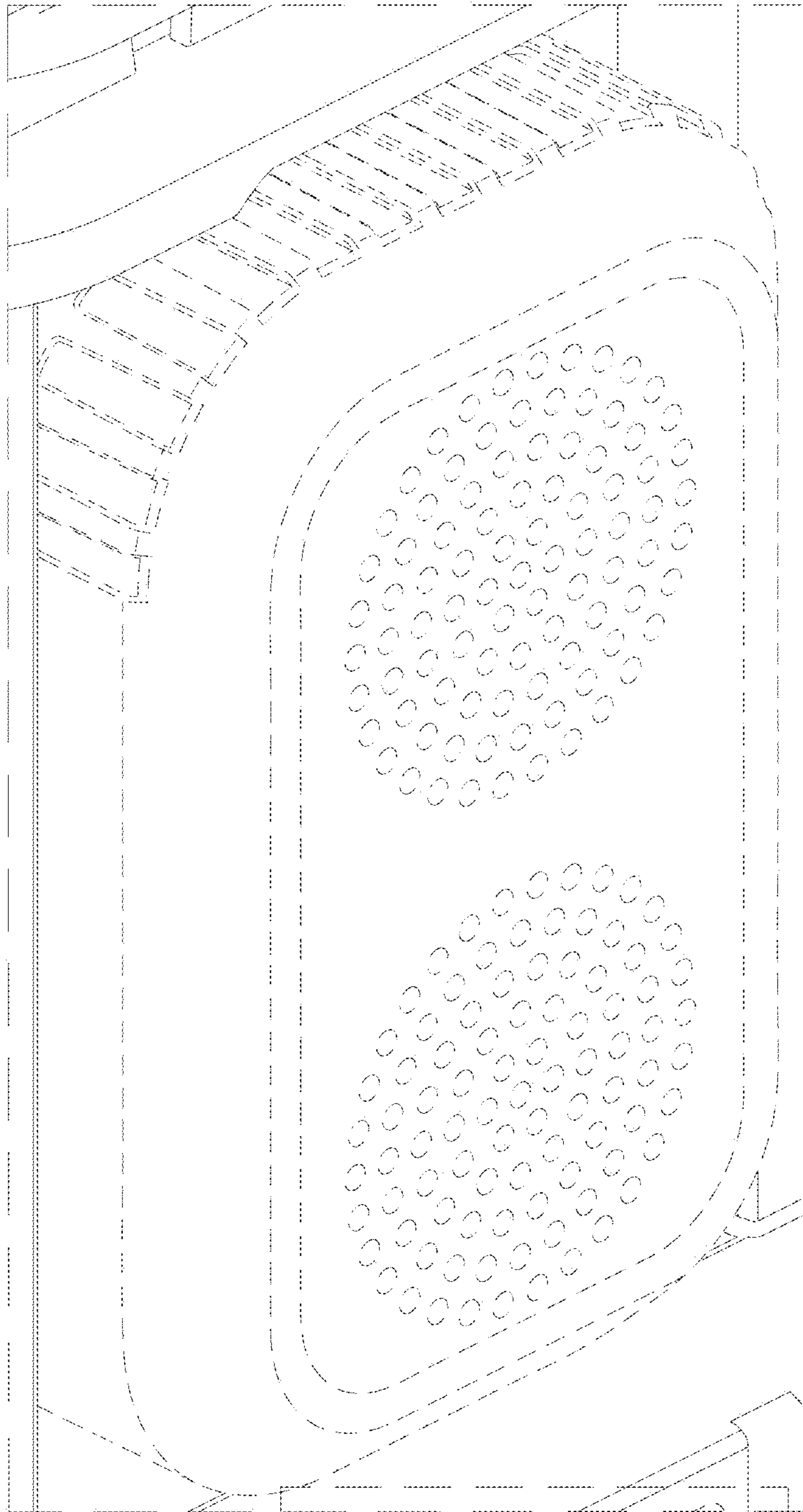


FIG. 24

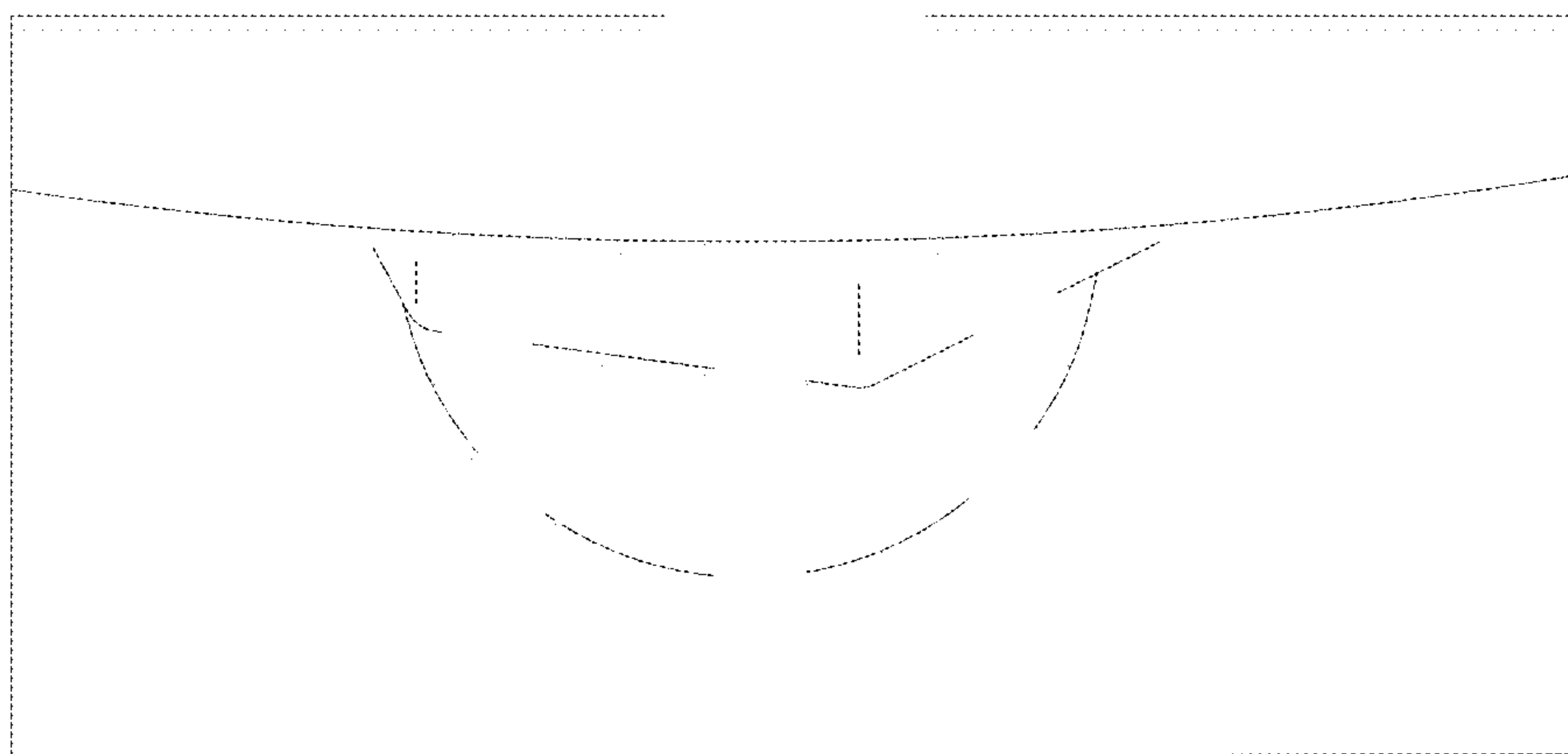


FIG. 25

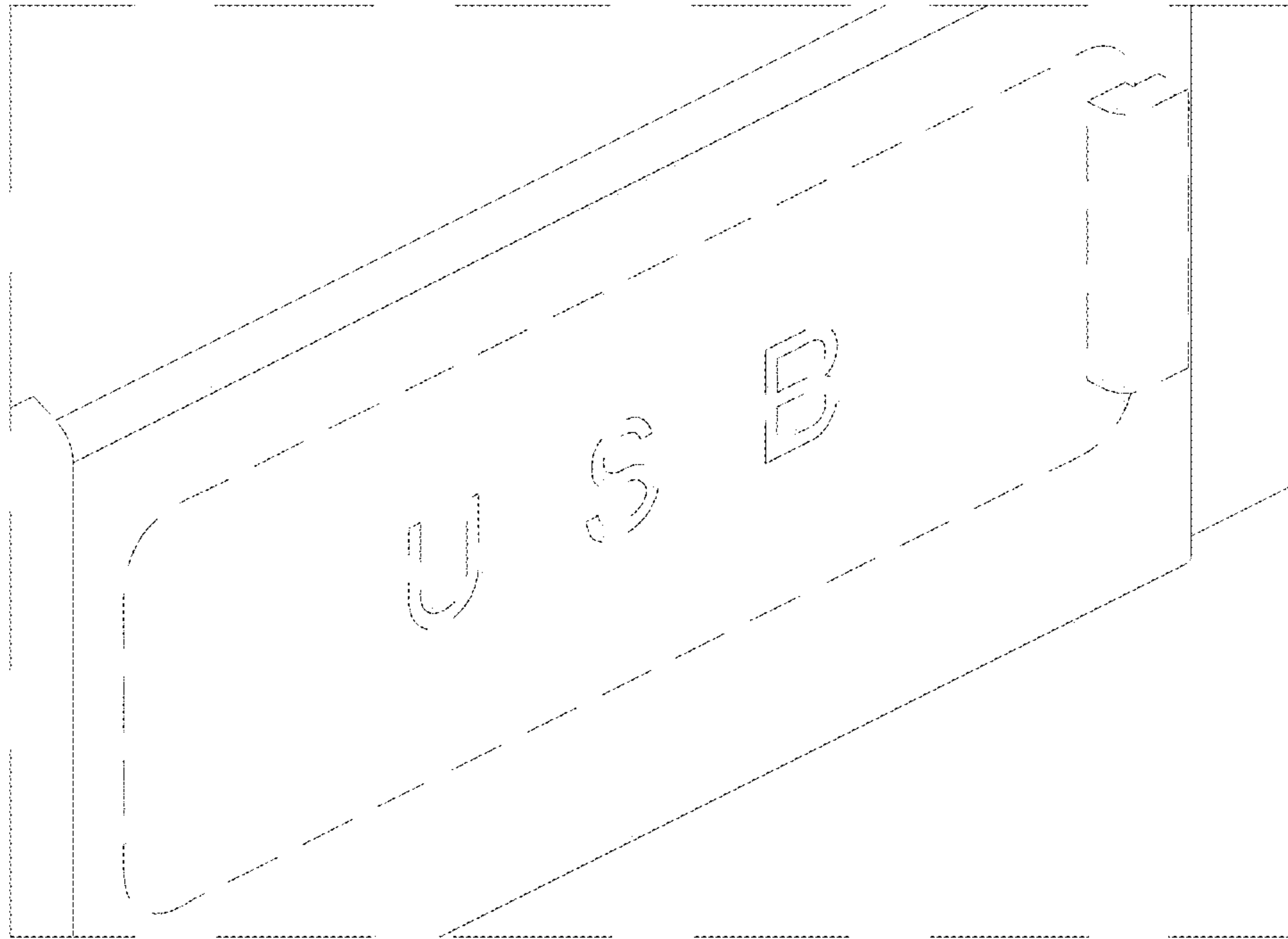


FIG. 26

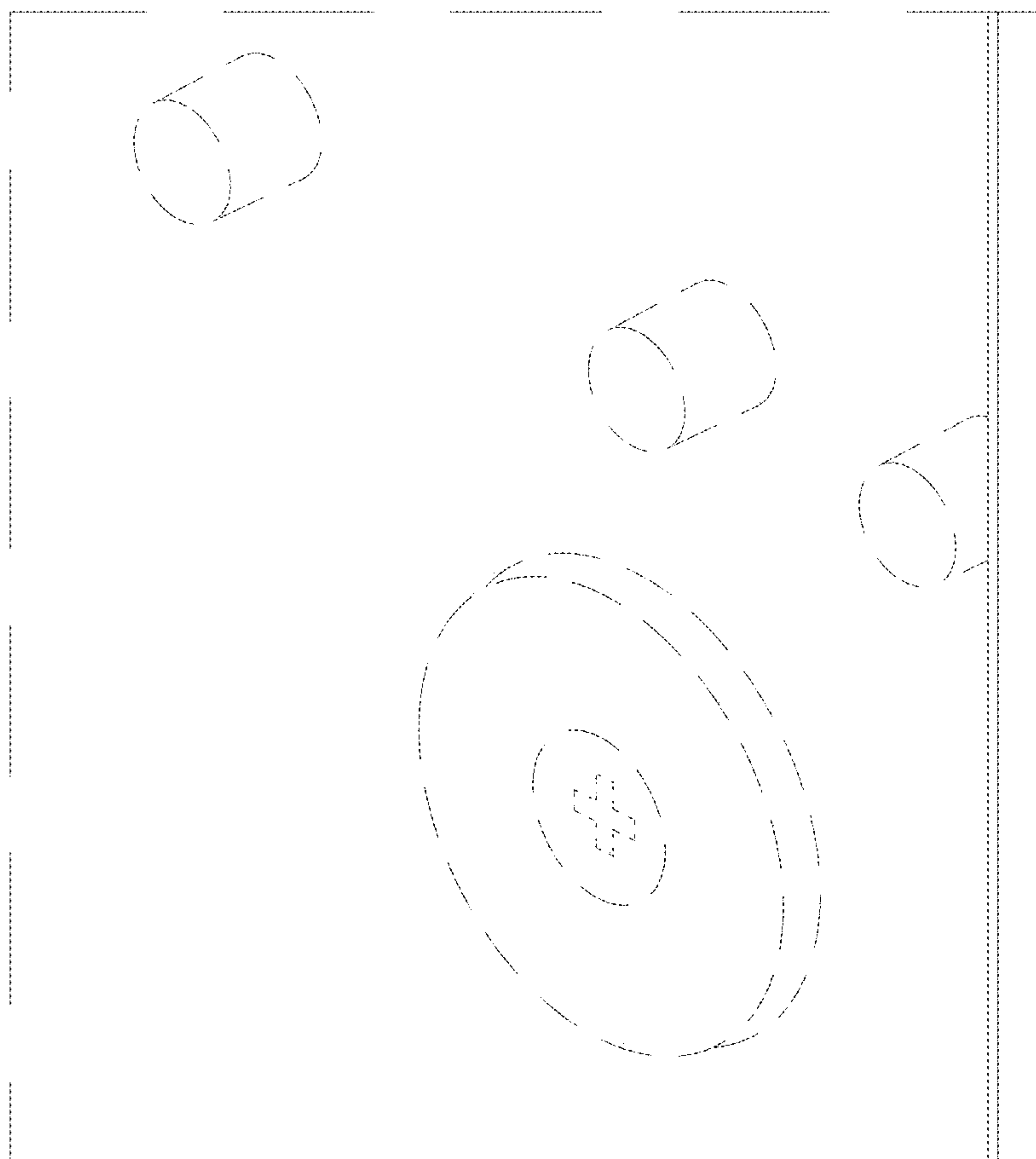


FIG. 27

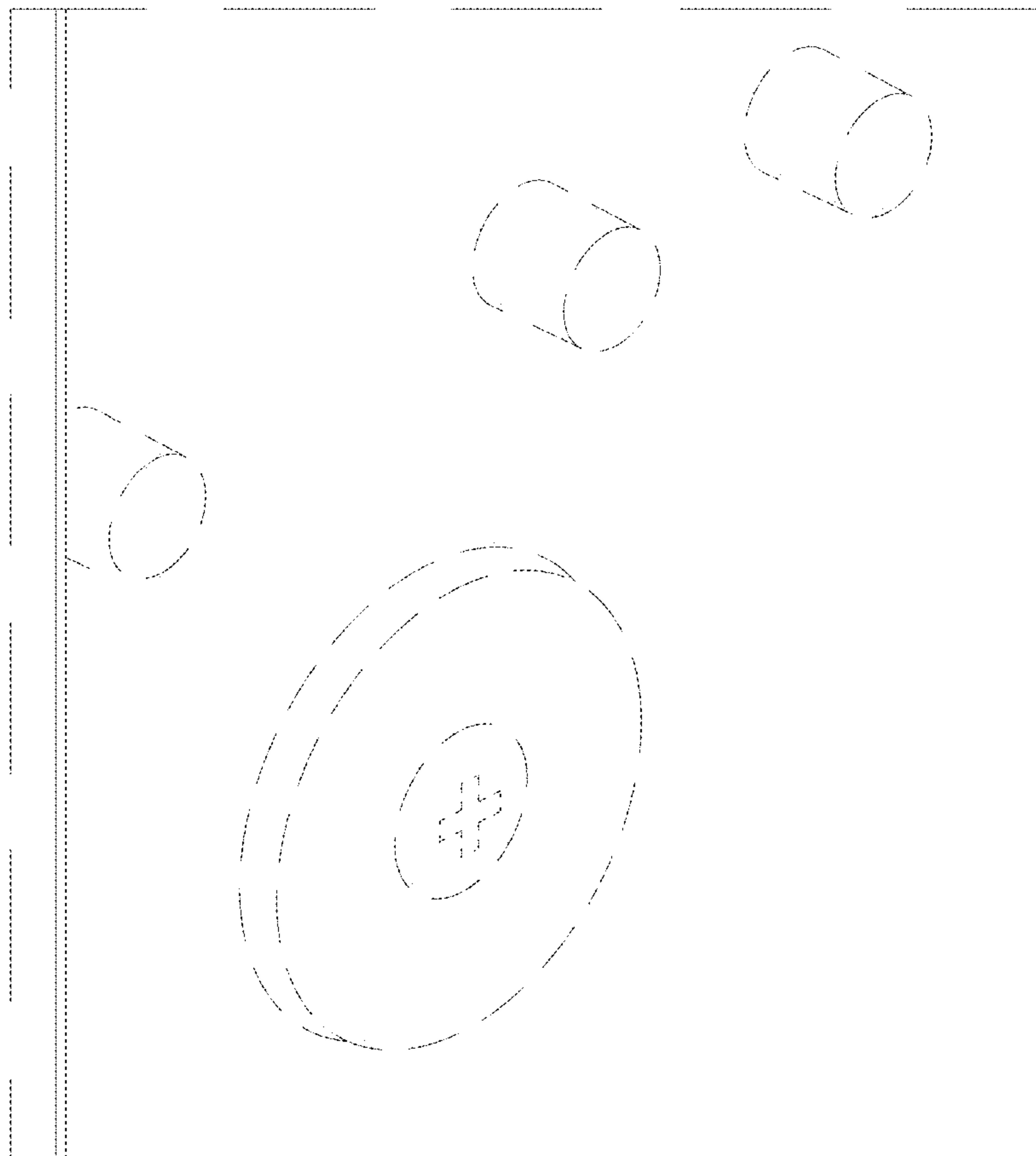


FIG. 28

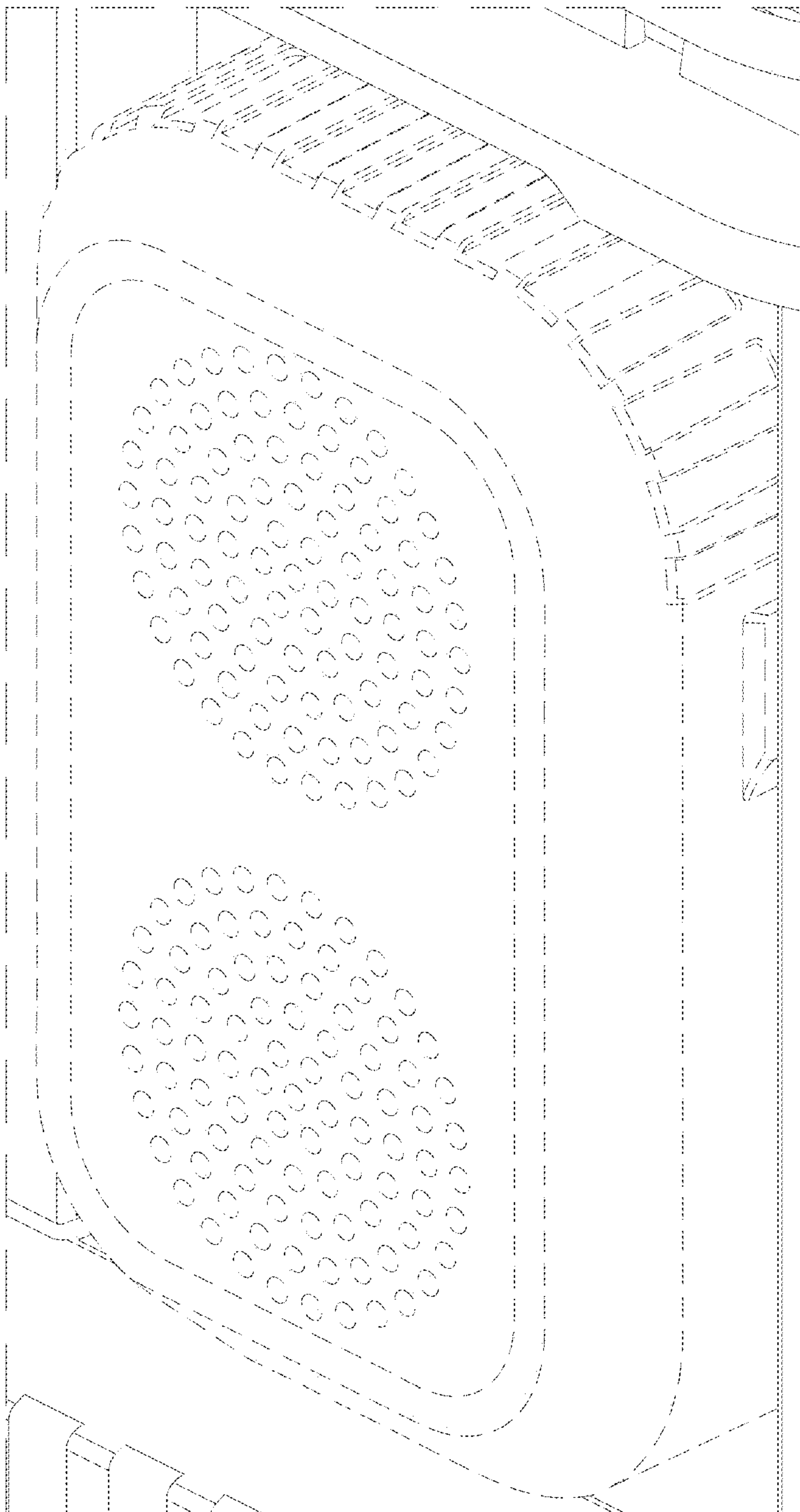


FIG. 29

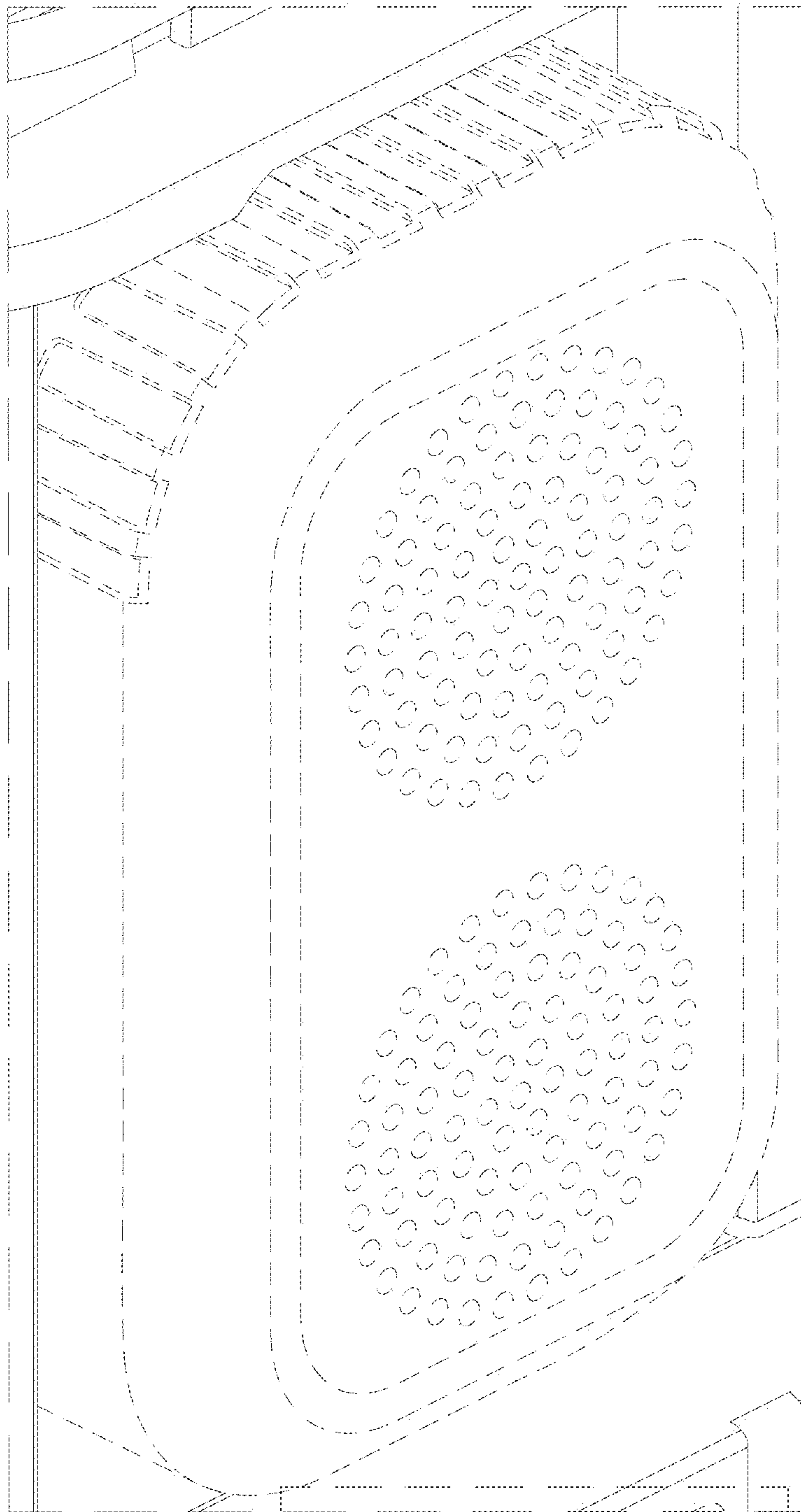


FIG. 30

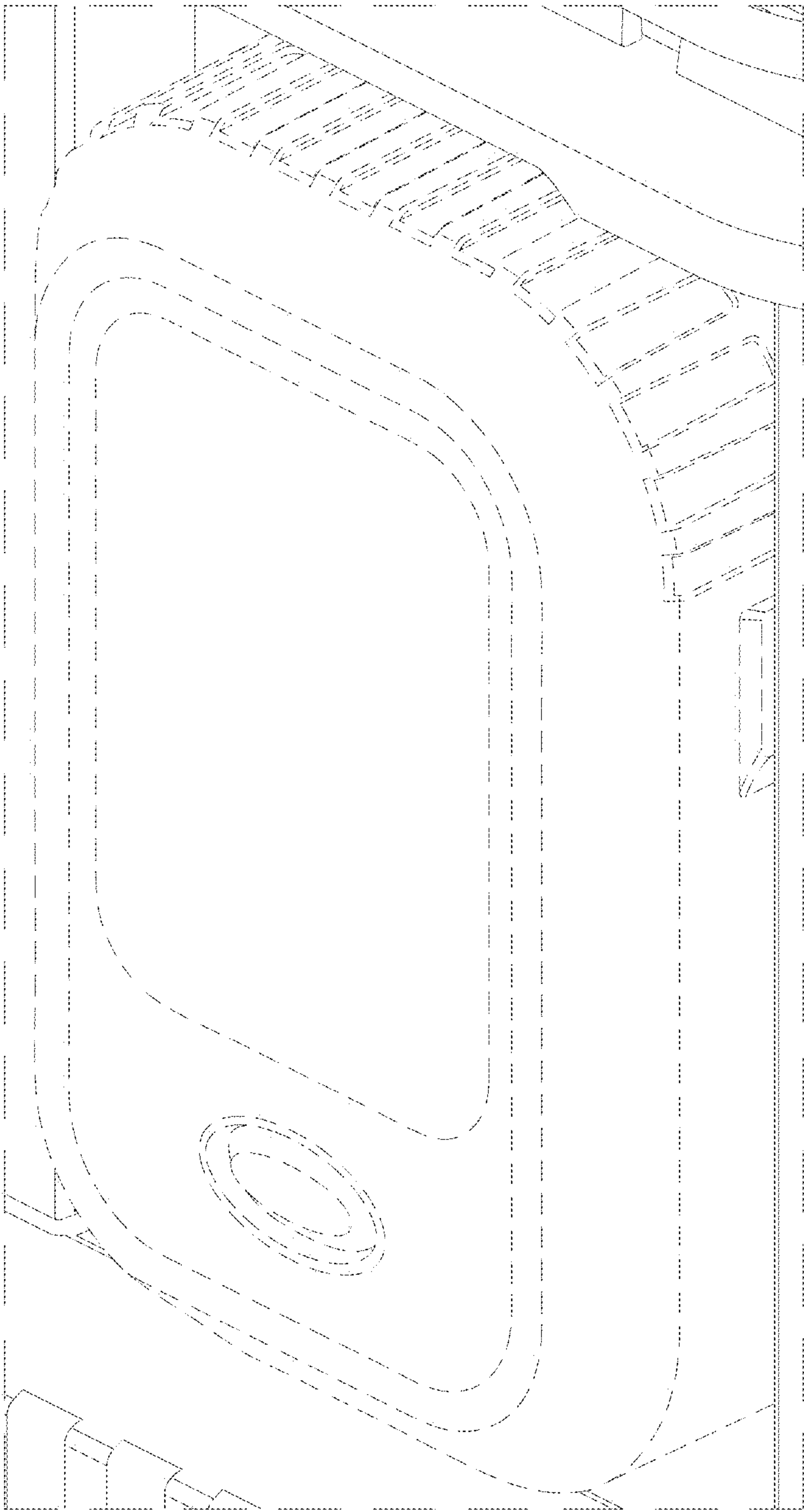


FIG. 31

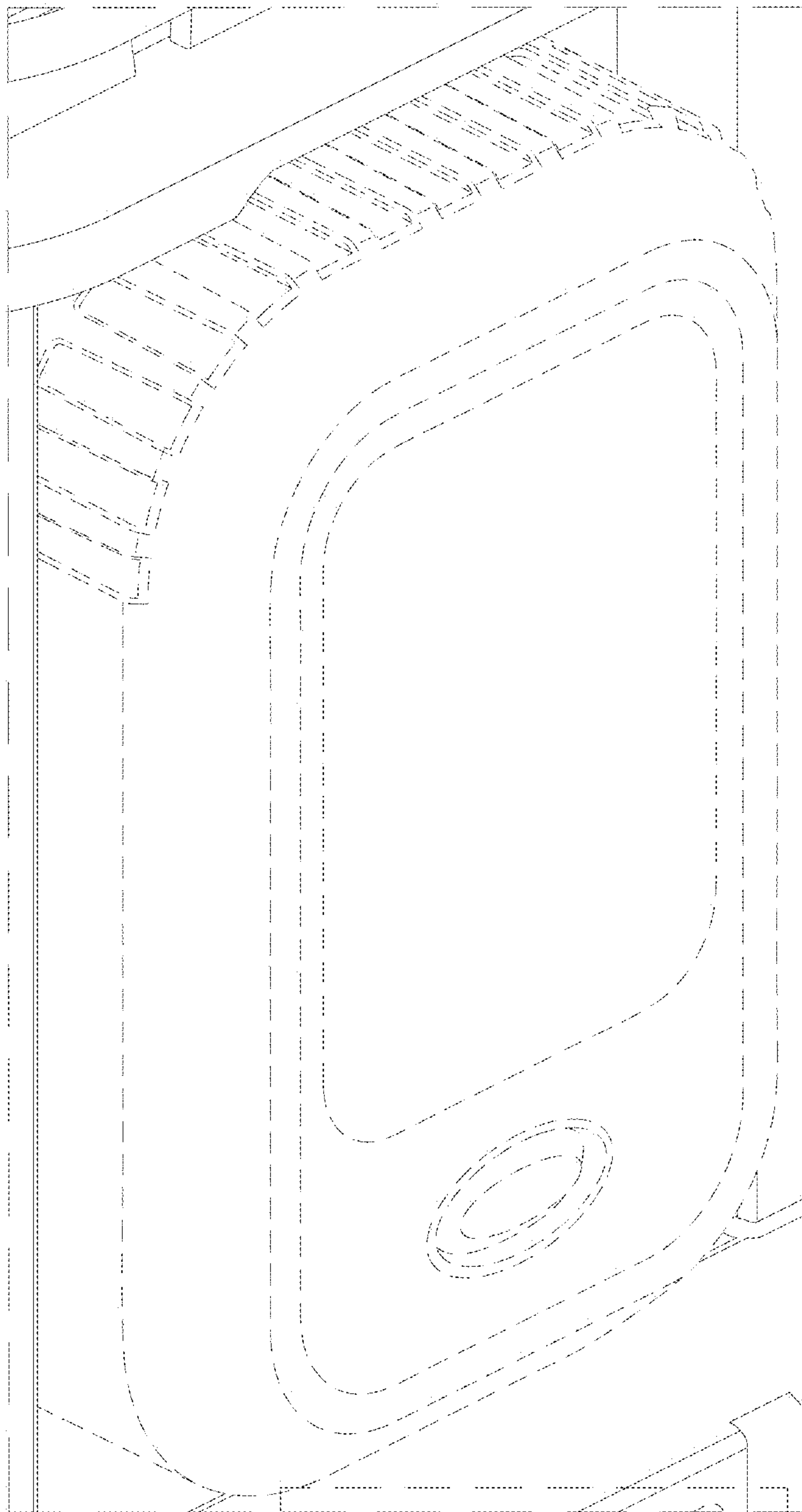


FIG. 32

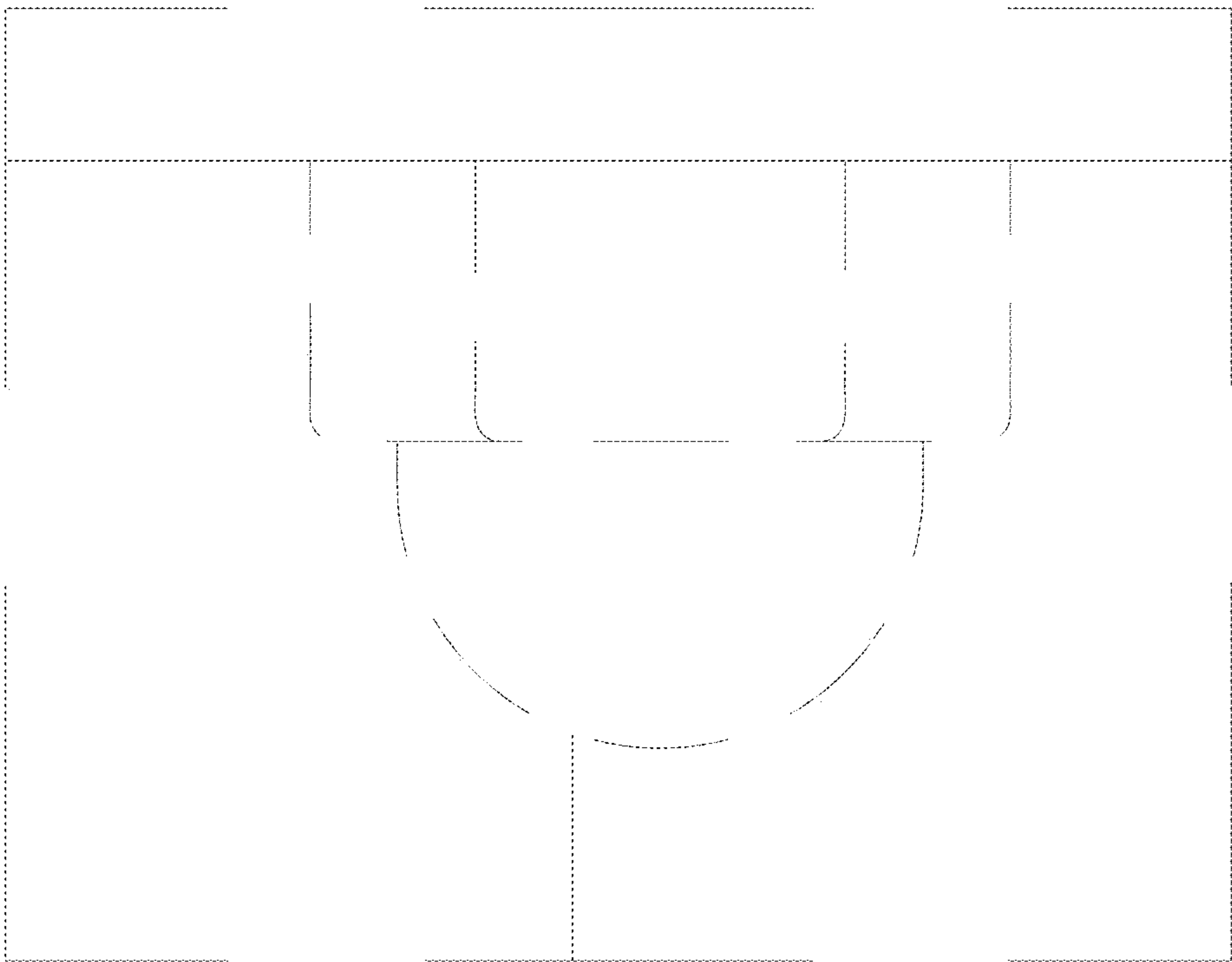


FIG. 33