



US00D927668S

(12) **United States Design Patent** (10) **Patent No.:** **US D927,668 S**
Huang (45) **Date of Patent:** **** Aug. 10, 2021**

(54) **AIR PURIFIER**

(71) Applicant: **Xiaozhou Huang**, Puning (CN)

(72) Inventor: **Xiaozhou Huang**, Puning (CN)

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

(21) Appl. No.: **29/711,077**

(22) Filed: **Oct. 29, 2019**

(51) **LOC (13) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/364**

(58) **Field of Classification Search**
USPC D23/364, 365, 355
CPC F24F 11/30; C04B 38/0009
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D431,074 S *	9/2000	Deros	.....	D23/364
D834,165 S *	11/2018	Maeng	.....	D23/364
D844,766 S *	4/2019	Miao	.....	D23/364
D876,599 S *	2/2020	He	.....	D23/364
D890,904 S *	7/2020	Farone	.....	D23/364
D891,599 S *	7/2020	Li	.....	D23/364
D893,009 S *	8/2020	Choi	.....	D23/364
D894,359 S *	8/2020	Choi	.....	D23/364
D899,572 S *	10/2020	Lee	.....	D23/364
2014/0238243 A1 *	8/2014	Jardine	.....	B01D 46/0036 96/142
2020/0179857 A1 *	6/2020	Delin	.....	B01D 46/0086
2020/0182503 A1 *	6/2020	Kelly	.....	F24F 11/30
2020/0206675 A1 *	7/2020	Kim	.....	F24F 11/0001

FOREIGN PATENT DOCUMENTS

CN	205119286 U *	3/2016
CN	205279289 U *	6/2016
JP	2011088069 A *	5/2011

OTHER PUBLICATIONS

Partu Air Purifier 2020 found on Dec. 11, 2020 at <https://www.amazon.com/PARTU-Effectively-Eliminates-Available-California/dp/B0872XG1BR/> (Year: 2020).*

Honeywell HPA300 2020 found on Dec. 11, 2020 at https://www.amazon.com/Honeywell-True-Allergen-Remover-HPA300/dp/B00BWYO53G/ref=psdc_510192_t3_B08BBXTVHL (Year: 2020).*

Simpure Air Purifier 2020 found on Dec. 11, 2020 at <https://www.amazon.com/SimPure-Purifier-Medical-Filtration-Cleaner/dp/B08BBXTVHL> (Year: 2020).*

* cited by examiner

Primary Examiner — Karen S Acker

Assistant Examiner — Jonathan Emil Fiencke

(57) **CLAIM**

The ornamental design for an air purifier, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of an air purifier showing my new design;

FIG. 2 is a rear elevation view thereof;

FIG. 3 is a left side elevation view thereof;

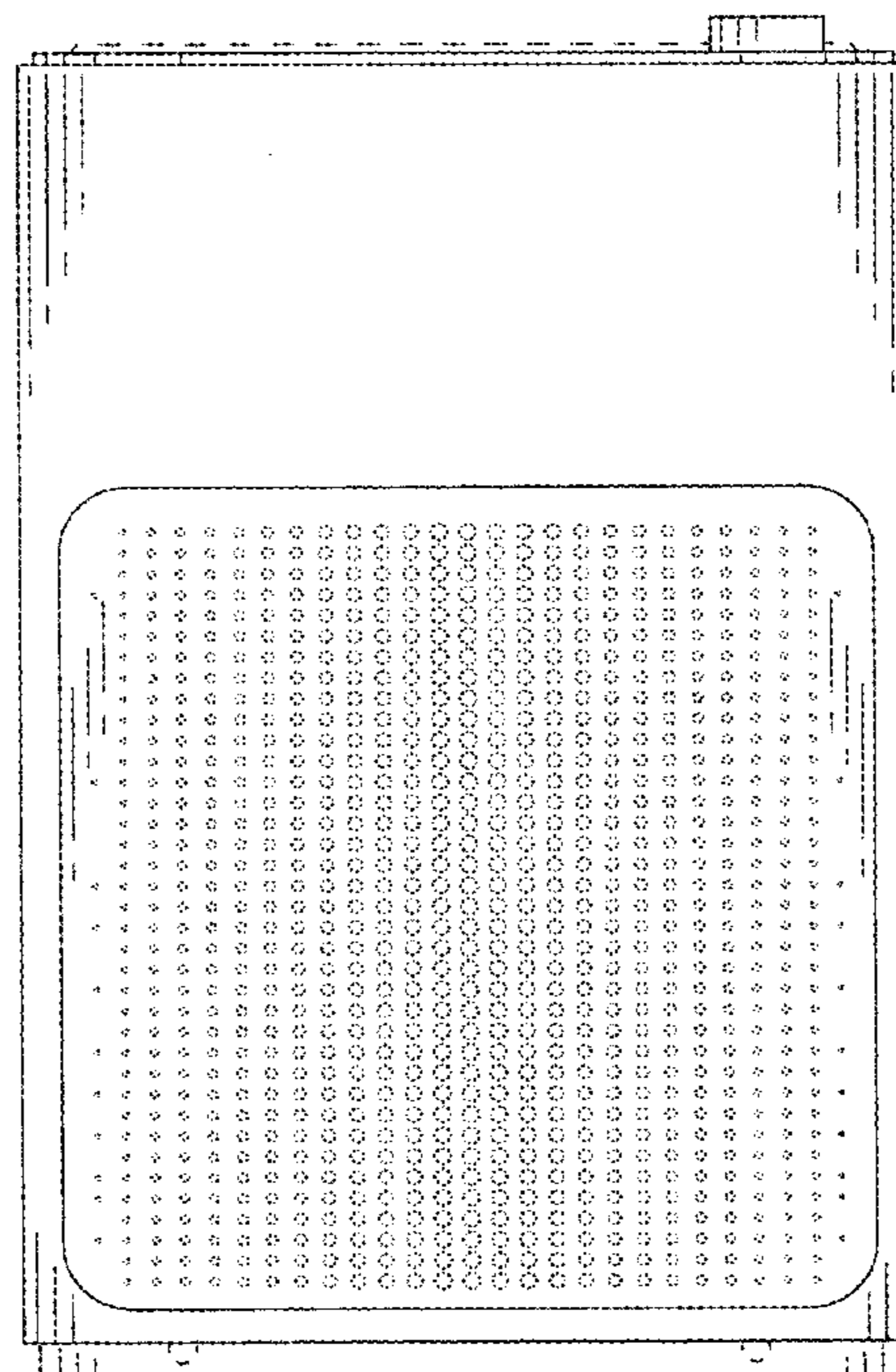
FIG. 4 is a right side elevation view thereof;

FIG. 5 is a top plan view thereof; and,

FIG. 6 is a bottom plan view thereof.

The broken lines depict portions of the air purifier that form no part of the claimed design. In FIGS. 5 and 6, the broken lines inside and immediately adjacent to the solid lines indicate the boundaries of the claim and form no part thereof.

1 Claim, 6 Drawing Sheets



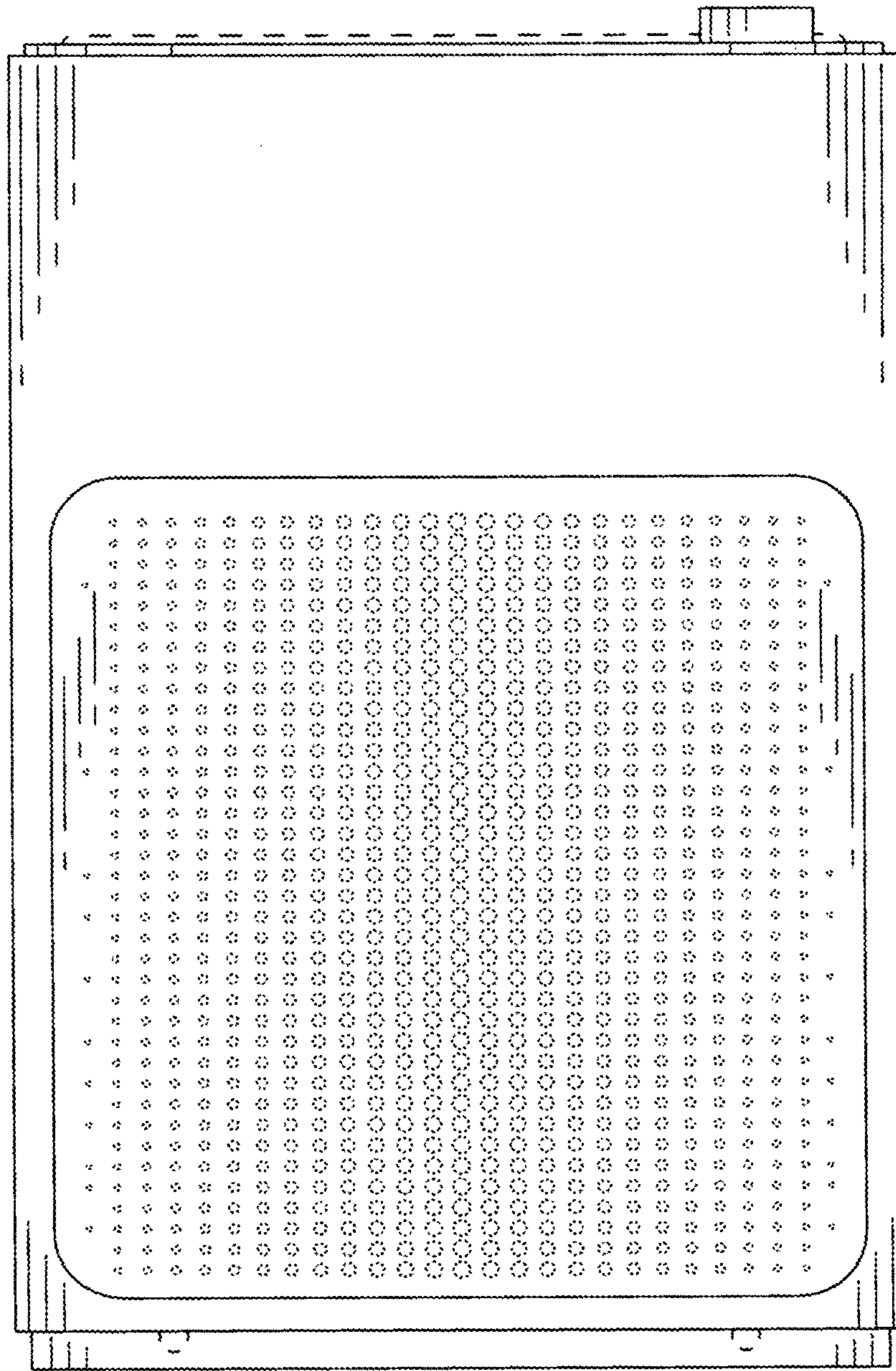


FIG. 1

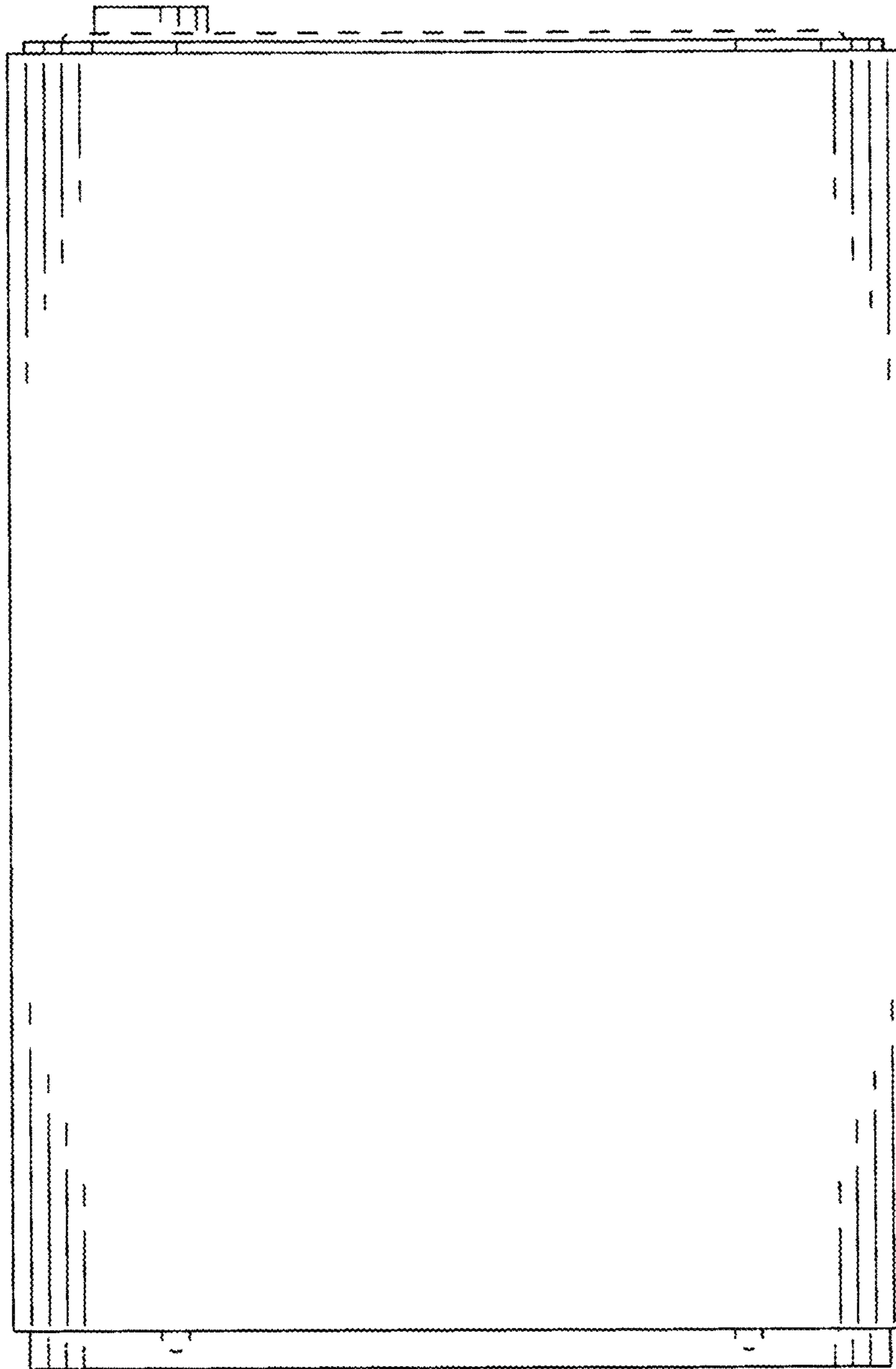


FIG. 2

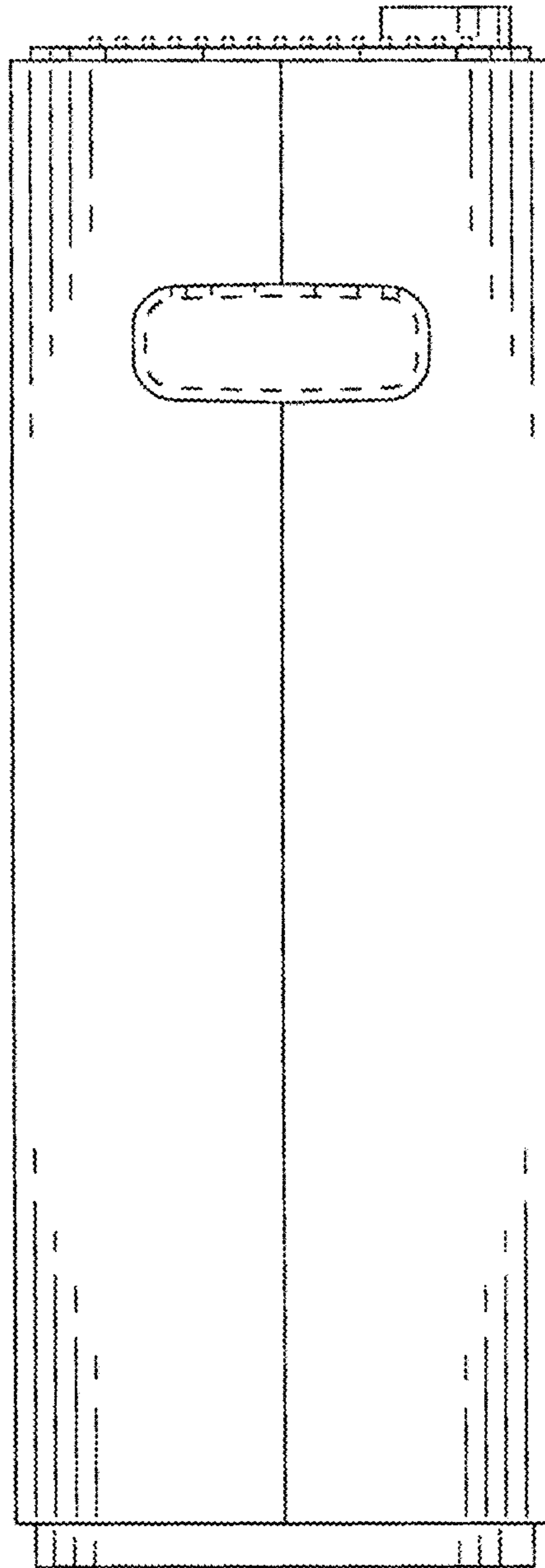


FIG. 3

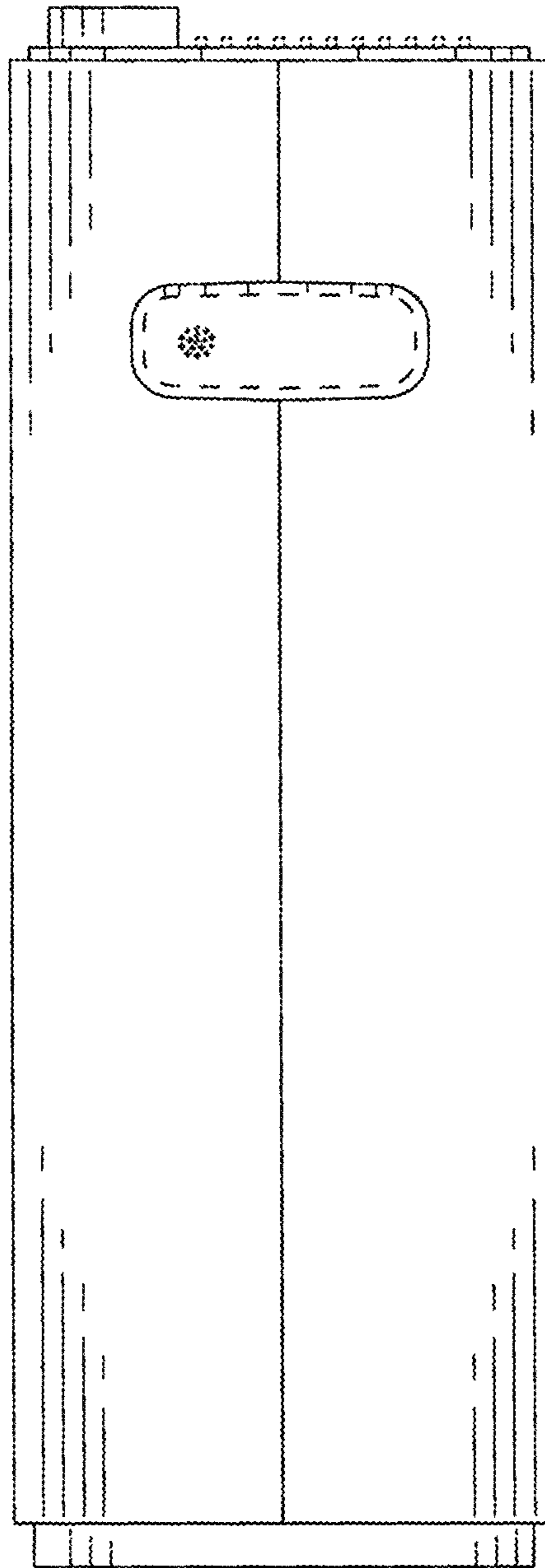


FIG. 4

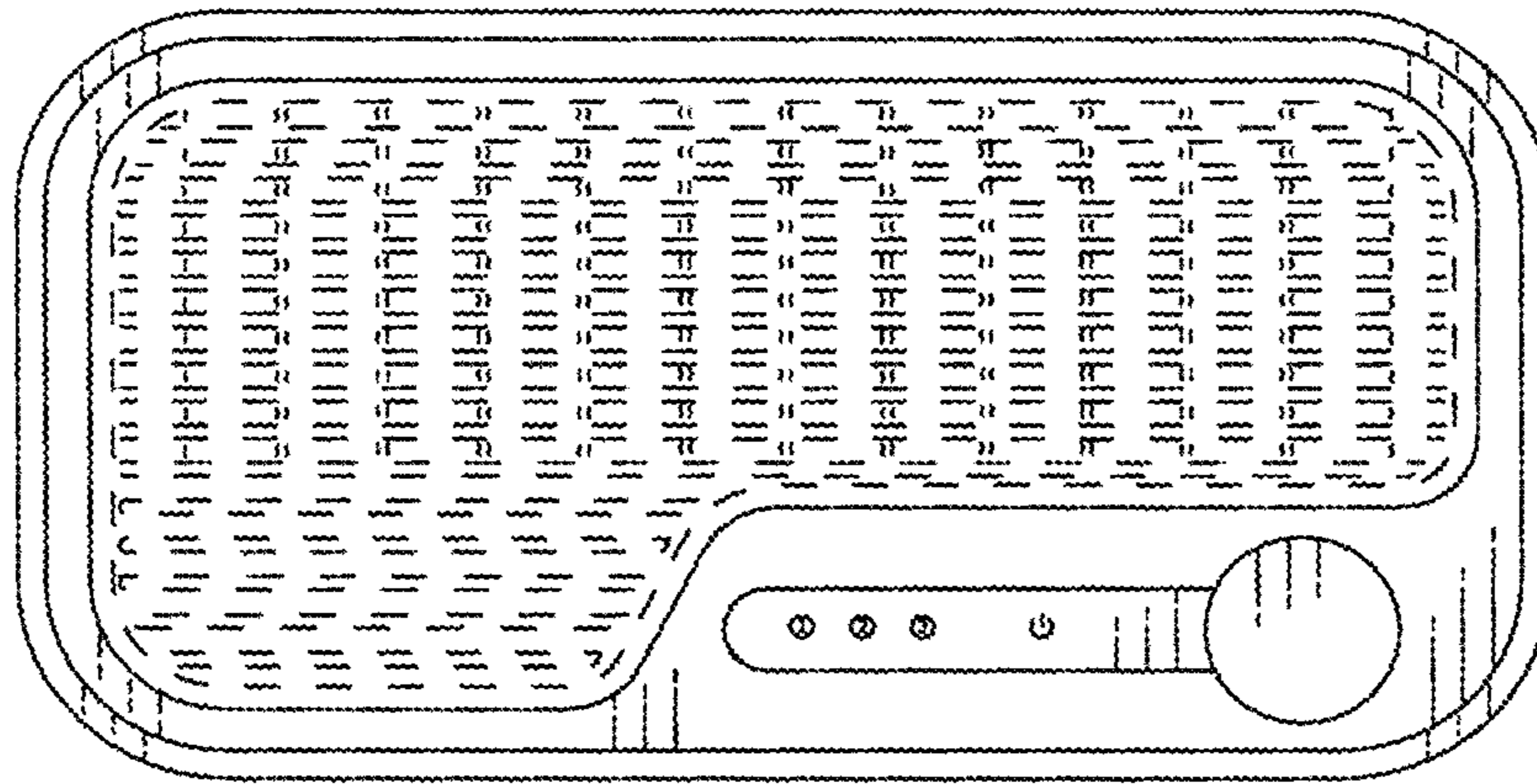


FIG. 5

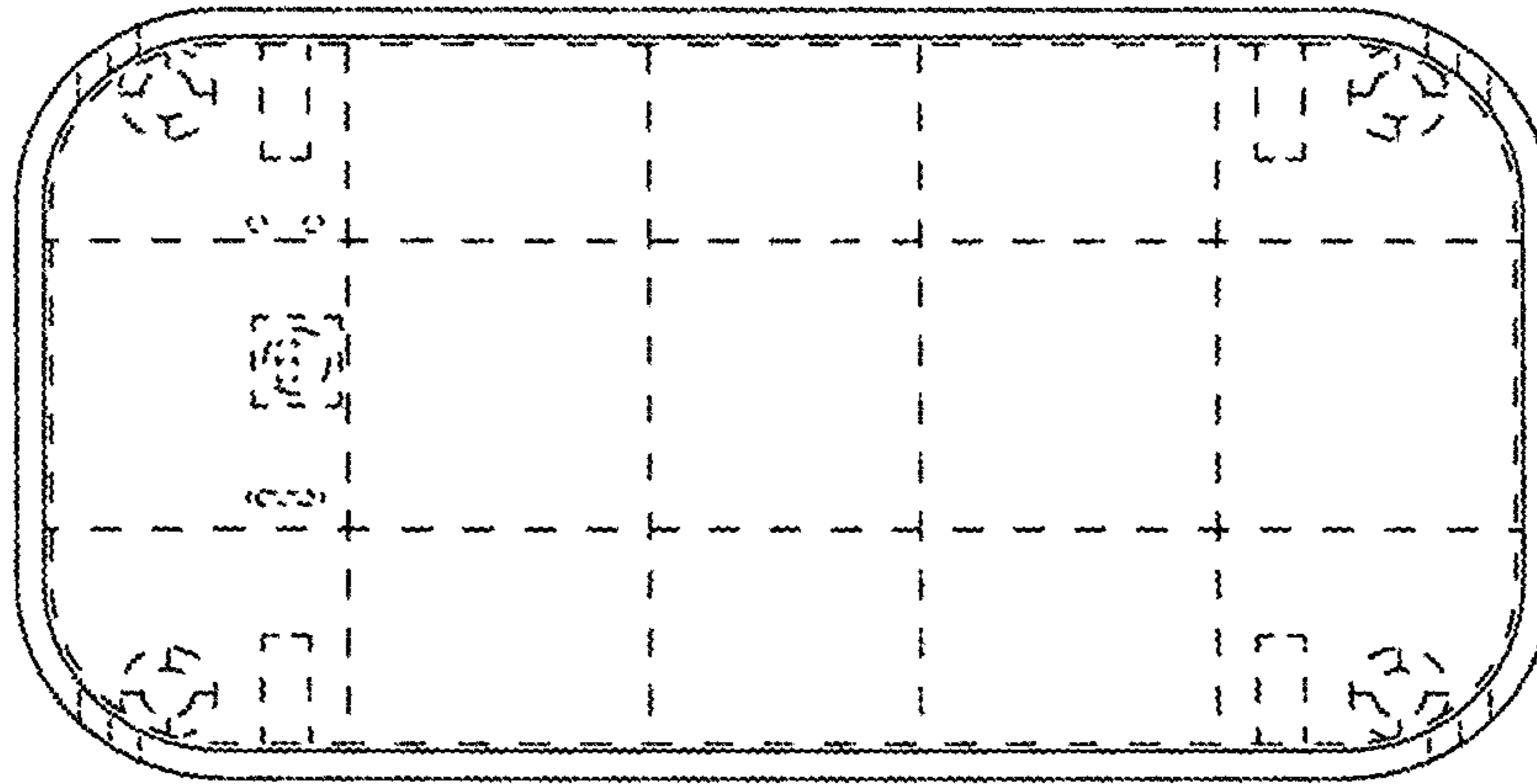


FIG. 6