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(12) **United States Design Patent** (10) **Patent No.:** **US D803,365 S**
Raisanen et al. (45) **Date of Patent:** **** Nov. 21, 2017**

(54) **AIR CONDITIONER**

FOREIGN PATENT DOCUMENTS

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DE 4013372 A1 10/1991
DE 202004006821 U1 7/2004

(Continued)

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OTHER PUBLICATIONS

Slimline AC. web page, 3 pages, 2014 <<http://www.rittal.us/product/list.efm?n1=3&n2=28&n3=161>>, retrieved from USPTO records Dec. 8, 2015; U.S. Pat. No. D. 739,928.

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

(57) **CLAIM**

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

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(51) **LOC (10) Cl.** **23-04**

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

USPC **D23/351**

(58) **Field of Classification Search**

USPC D23/333, 335, 341, 342, 351, 353–356,
D23/359, 364, 365, 370, 385, 386, 388,
D23/393

CPC F24F 1/00; F24F 1/0007; F24F 1/02; F24F
1/08; F24F 1/42; F24F 1/56; F24F 1/60;
F24F 3/044; F24F 3/048; F24F 3/16;
F24F 7/00; F24F 7/04; F24F 12/001;
F24F 12/006

See application file for complete search history.

DESCRIPTION

FIG. 1 is an isometric view of a top, front, and left side of an ornamental design for an air conditioner;

FIG. 2 is a front elevational view of the air conditioner of FIG. 1;

FIG. 3 is a rear elevational view of the air conditioner of FIG. 1;

FIG. 4 is a left side elevational view of the air conditioner of FIG. 1;

FIG. 5 is a right side elevational view of the air conditioner of FIG. 1;

FIG. 6 is a top plan view of the air conditioner of FIG. 1; and,

FIG. 7 is a bottom plan view of the air conditioner of FIG. 1.

The broken lines are included for the purpose of illustrating portions of the air conditioner that form no part of the claimed design.

(56) **References Cited**

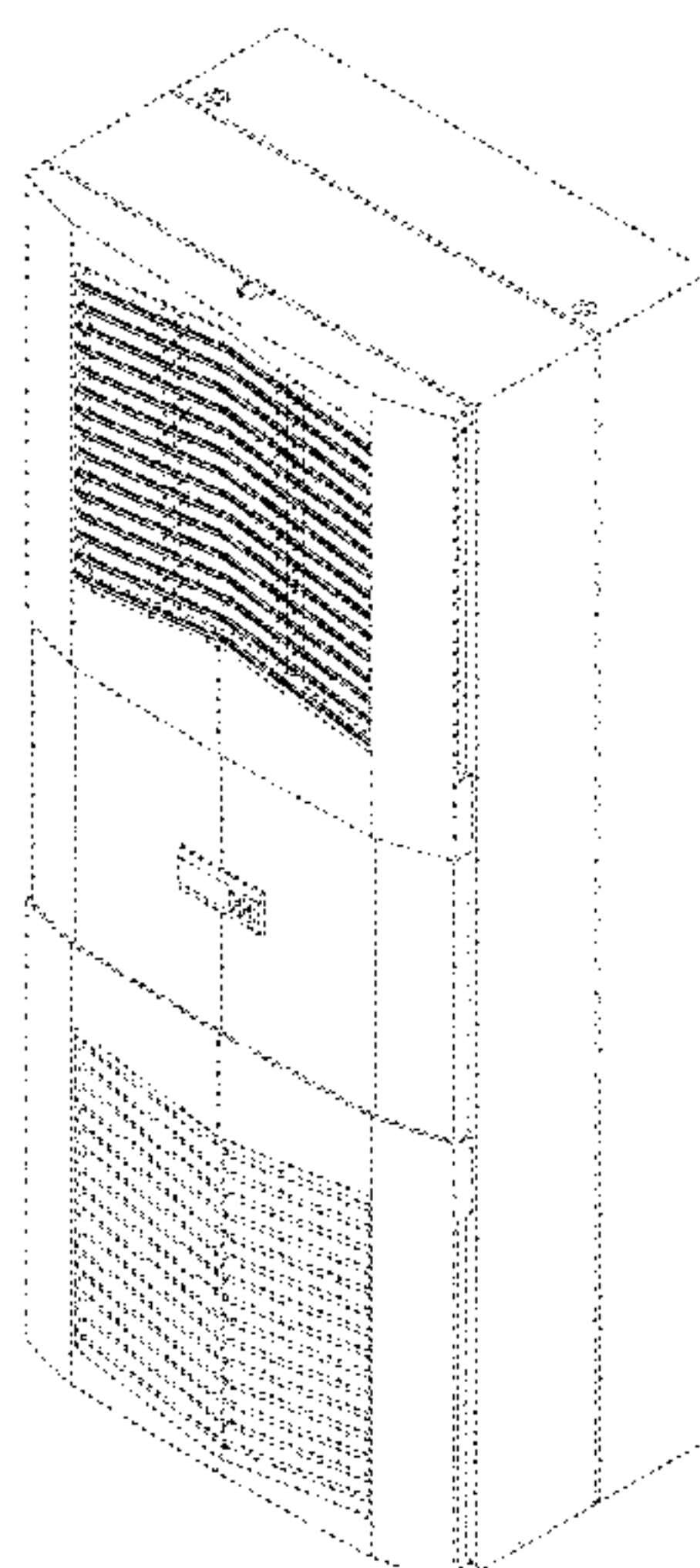
U.S. PATENT DOCUMENTS

D323,209 S 1/1992 Fukumoto et al.

D330,585 S * 10/1992 Saito D23/351

(Continued)

1 Claim, 5 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D331,458 S 12/1992 Saito et al.
D360,458 S 7/1995 McColgin et al.
D373,820 S 9/1996 Muller et al.
D380,533 S * 7/1997 Molnar D23/351
D398,974 S 9/1998 Aihara
D425,194 S 5/2000 Swyst et al.
D425,974 S 5/2000 Esty et al.
6,345,511 B1 2/2002 Esty et al.
D480,791 S * 10/2003 Phillips D23/354
D490,509 S * 5/2004 Negrao D23/354
D537,511 S * 2/2007 Nagahori D23/351
D539,888 S 4/2007 Tsuji
D553,720 S * 10/2007 Kato D23/351
D553,727 S 10/2007 Kato et al.
D579,094 S 10/2008 Motonishi et al.
D603,031 S 10/2009 Kashimoto
D648,841 S 11/2011 Lam
D678,995 S * 3/2013 Hoshino D23/388
D683,838 S 6/2013 Katou
D739,928 S * 9/2015 Raisanen D23/354
9,212,668 B2 * 12/2015 Deng F04D 25/166
D770,787 S * 11/2016 Kim D6/351
D778,424 S * 2/2017 Jonas D23/388
D778,425 S * 2/2017 Jonas D23/388
2002/0171337 A1 11/2002 Moretti
2013/0029581 A1 1/2013 Hartmann et al.
2013/0035032 A1 2/2013 Schneider et al.

FOREIGN PATENT DOCUMENTS

DE 102011050323 B3 10/2012
EP 0284889 A2 10/1988
GB 2254735 A 10/1992
WO 2004090430 A1 10/2004

* cited by examiner

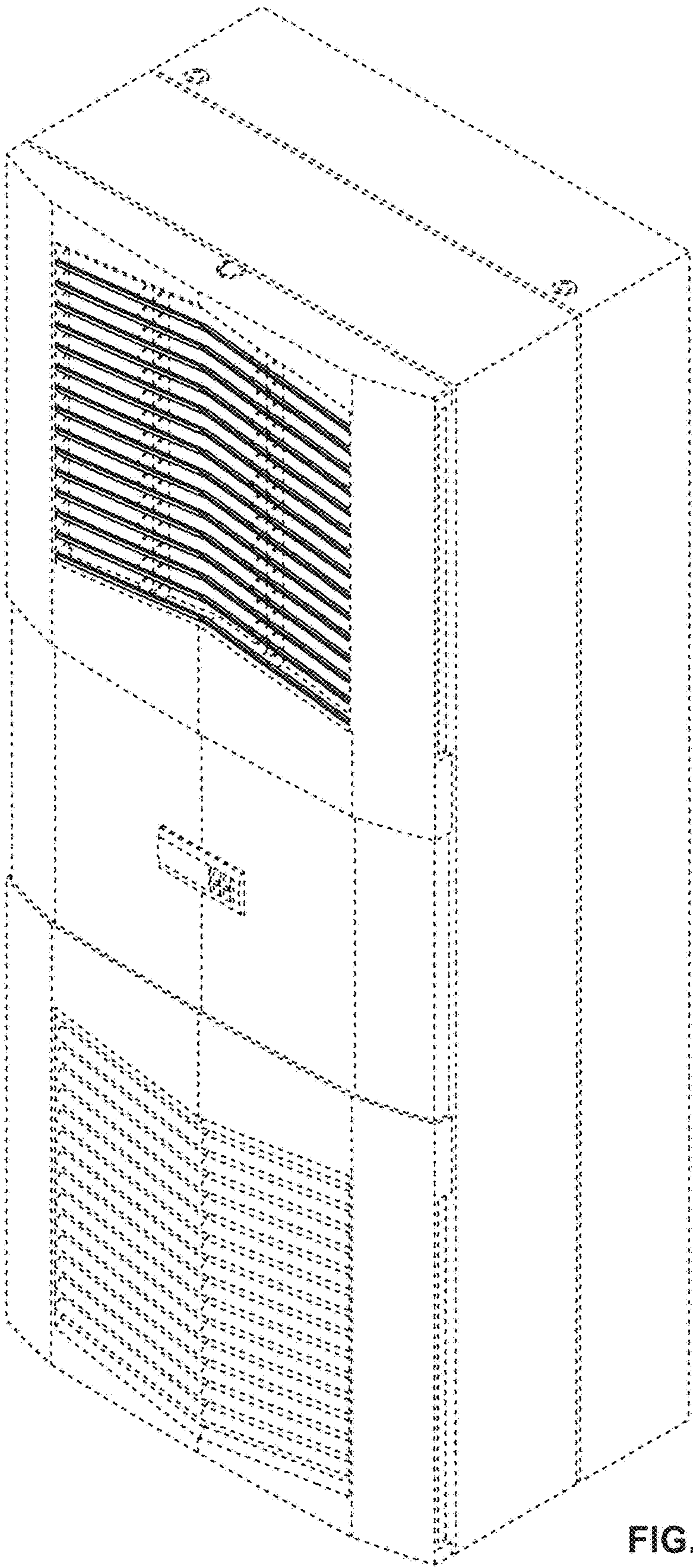


FIG. 1

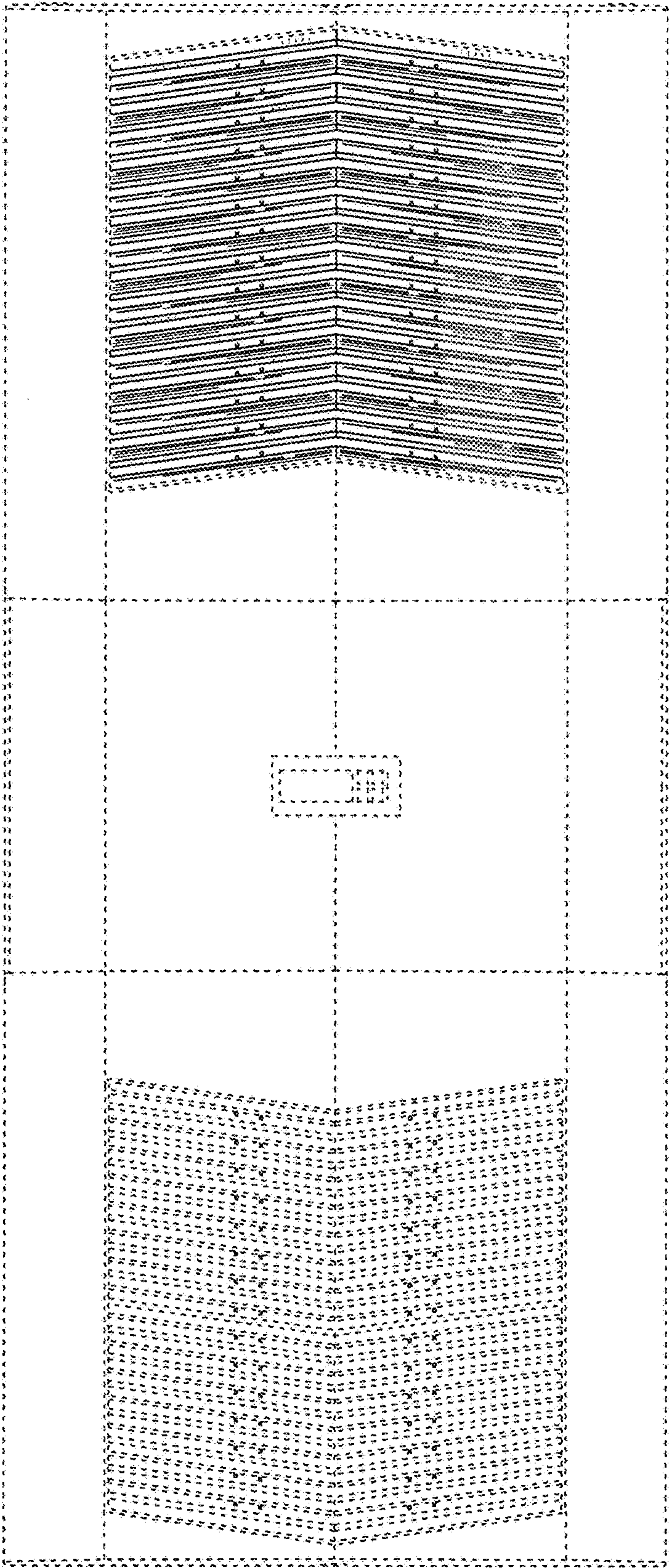


FIG. 2

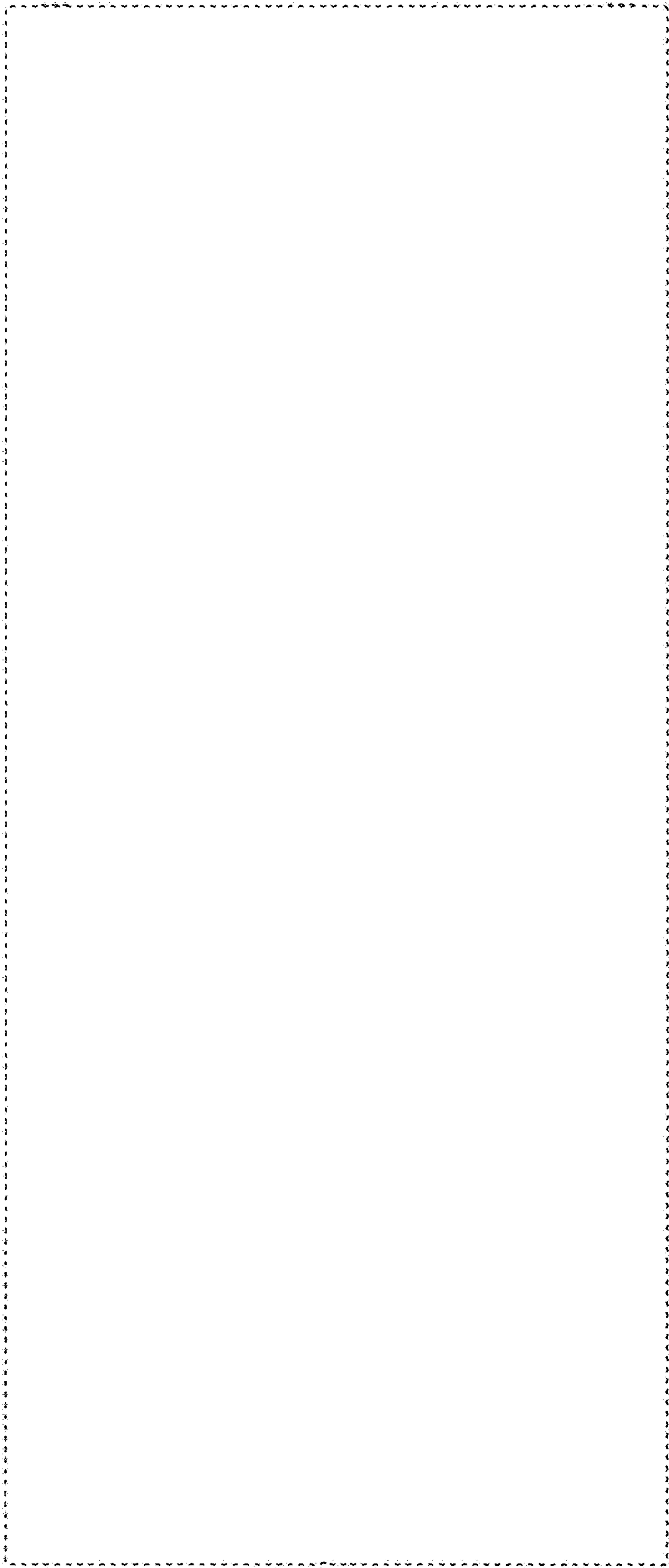


FIG. 3

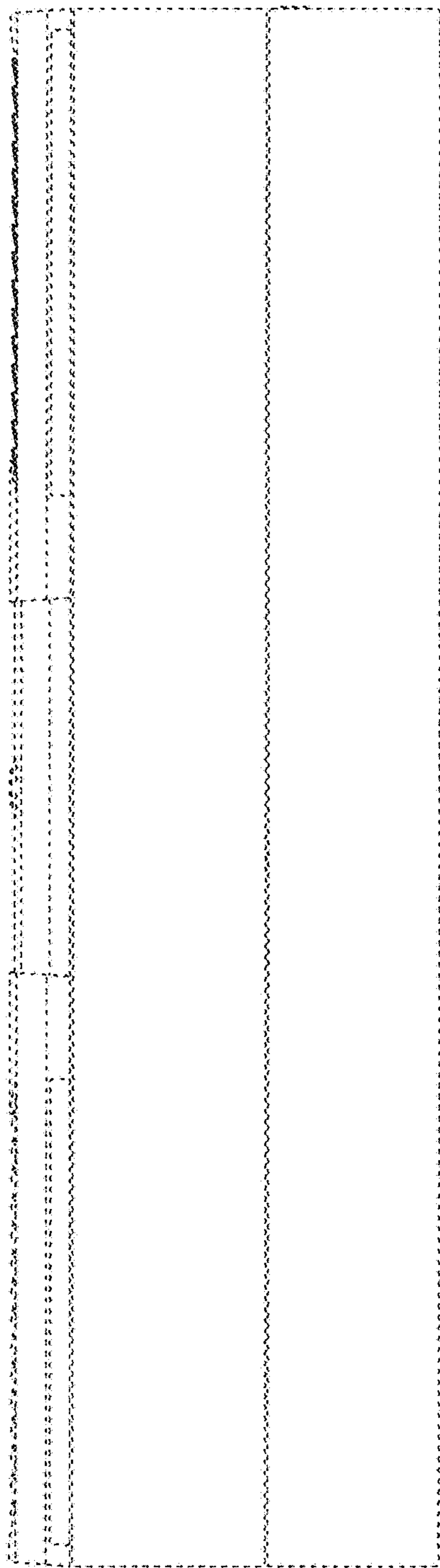


FIG. 4

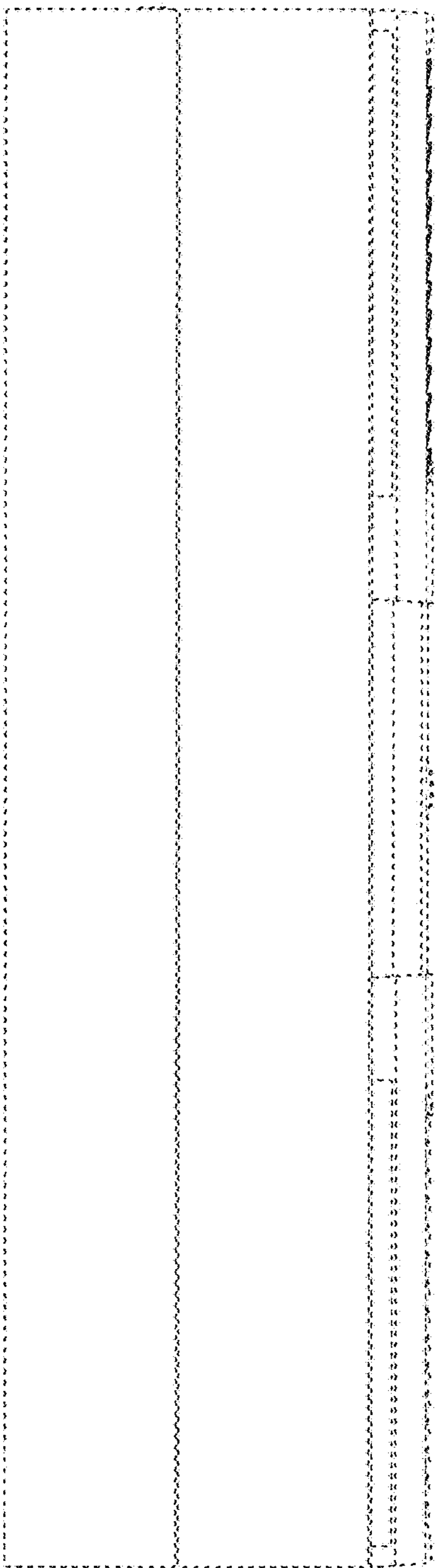


FIG. 5

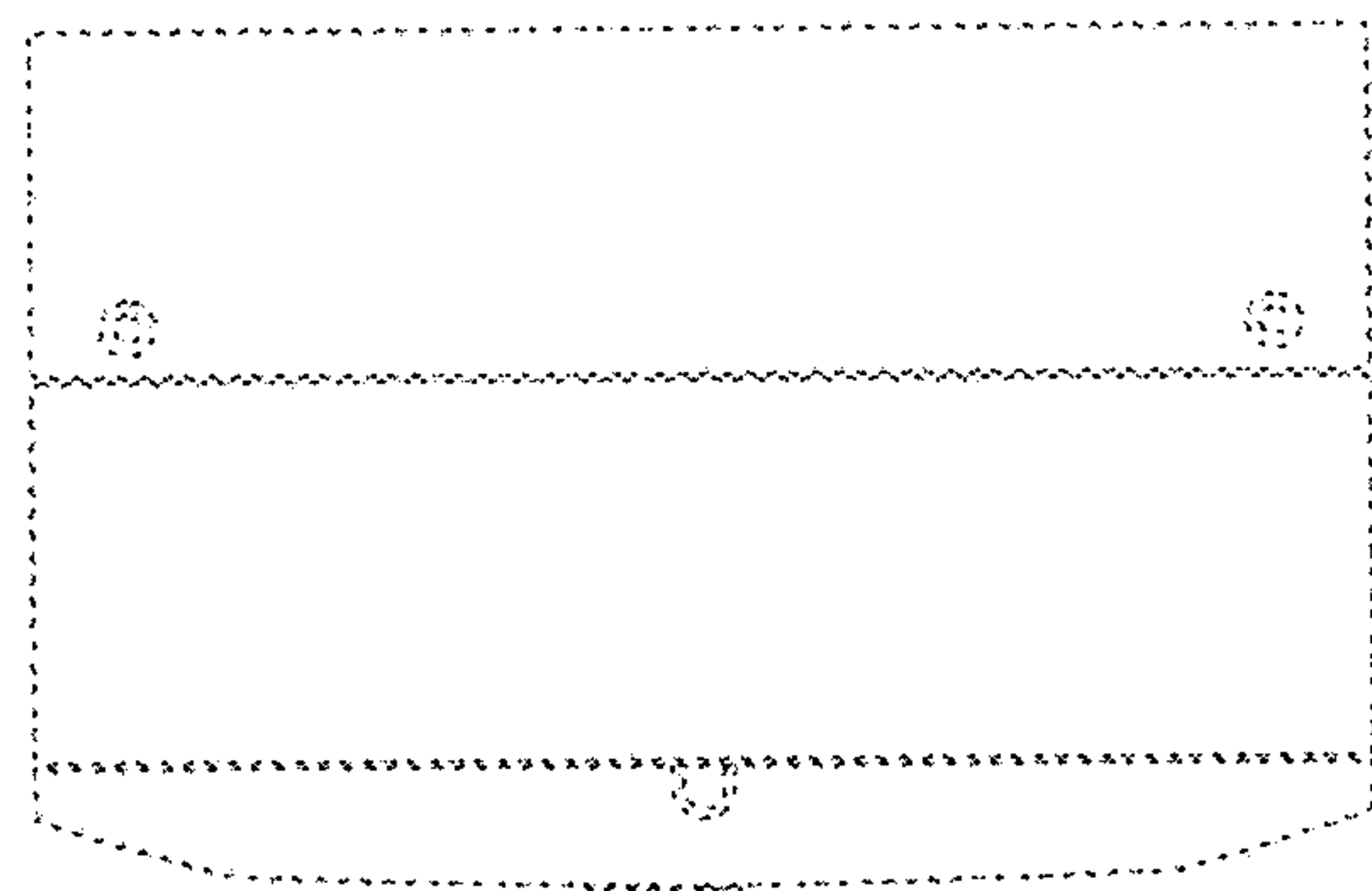


FIG. 6

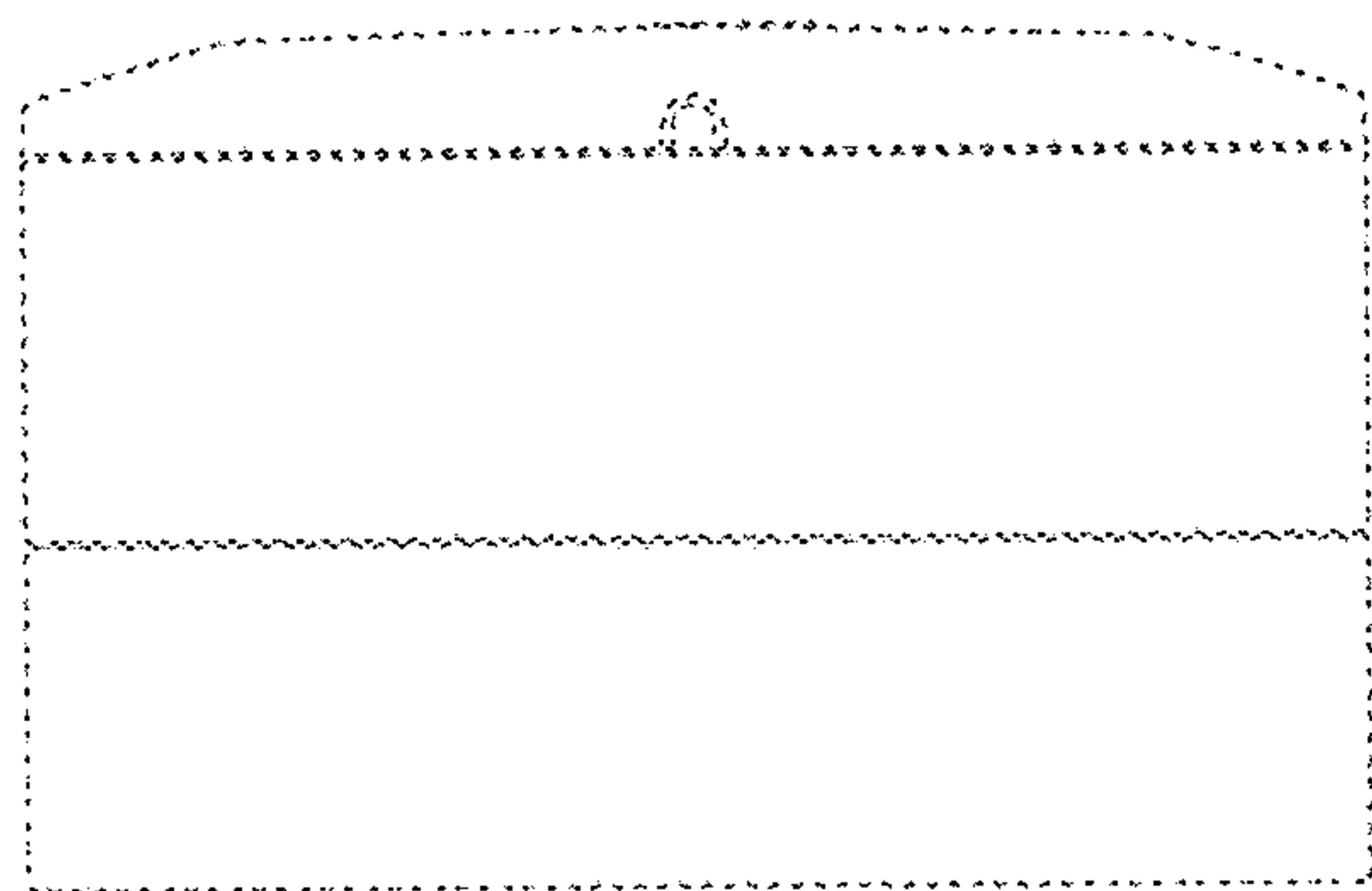


FIG. 7