



US00D623130S

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

(10) **Patent No.:** **US D623,130 S**

(45) **Date of Patent:** **** Sep. 7, 2010**

(54) **BATTERY CHARGER**

(75) Inventors: **Seiichi Kawakami**, Osaka (JP); **Shinji Oda**, Osaka (JP)

(73) Assignee: **Sanyo Electric Co., Ltd.**, Osaka (JP)

(**) Term: **14 Years**

(21) Appl. No.: **29/347,506**

(22) Filed: **Feb. 12, 2010**

(30) **Foreign Application Priority Data**

Aug. 31, 2009 (JP) 2009-019911

(51) **LOC (9) Cl.** **13-02**

(52) **U.S. Cl.** **D13/107**

(58) **Field of Classification Search** D13/107–110,
D13/118–119, 184, 199; D14/251, 253,
D14/432, 434; 320/107–115

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D411,823 S *	7/1999	Jacobs et al.	.....	D13/107
D456,004 S *	4/2002	Lie	.....	D13/107
D463,360 S *	9/2002	Lie	.....	D13/107
D465,452 S *	11/2002	Lie	.....	D13/107
D466,075 S *	11/2002	Lie	.....	D13/107
D515,501 S *	2/2006	Kawasaki	.....	D13/107
D546,281 S *	7/2007	Bell	.....	D13/107
D571,722 S *	6/2008	Kang et al.	.....	D13/107
D573,088 S *	7/2008	Castellucci et al.	.....	D13/107
D574,321 S *	8/2008	Osiecki et al.	.....	D13/107
D598,845 S *	8/2009	Kingston et al.	.....	D13/107

D599,287 S *	9/2009	Kingston et al.	.....	D13/107
7,589,493 B2 *	9/2009	Satsuma	.....	320/107
D614,127 S *	4/2010	Kingston et al.	.....	D13/107
2002/0063550 A1 *	5/2002	Chen et al.	.....	320/110
2007/0069688 A1 *	3/2007	Satsuma	.....	320/110

* cited by examiner

Primary Examiner—Rosemary K Tarcza

(74) *Attorney, Agent, or Firm*—Rabin & Berdo, PC

(57) **CLAIM**

The ornamental design for a battery charger, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a battery charger showing our new design;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a rear elevation view thereof;

FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a right side view thereof;

FIG. 7 is a left side view thereof;

FIG. 8 is an end view of the portion sectioned along the line 8—8 of FIG. 2 showing no illustration of inside mechanism; and,

FIG. 9 is a referential end view of the portion sectioned along the line 9—9 of FIG. 2 showing no illustration of inside mechanism.

The broken lines shown in the figures are for illustrative purposes only and form no part of the claimed design.

1 Claim, 7 Drawing Sheets

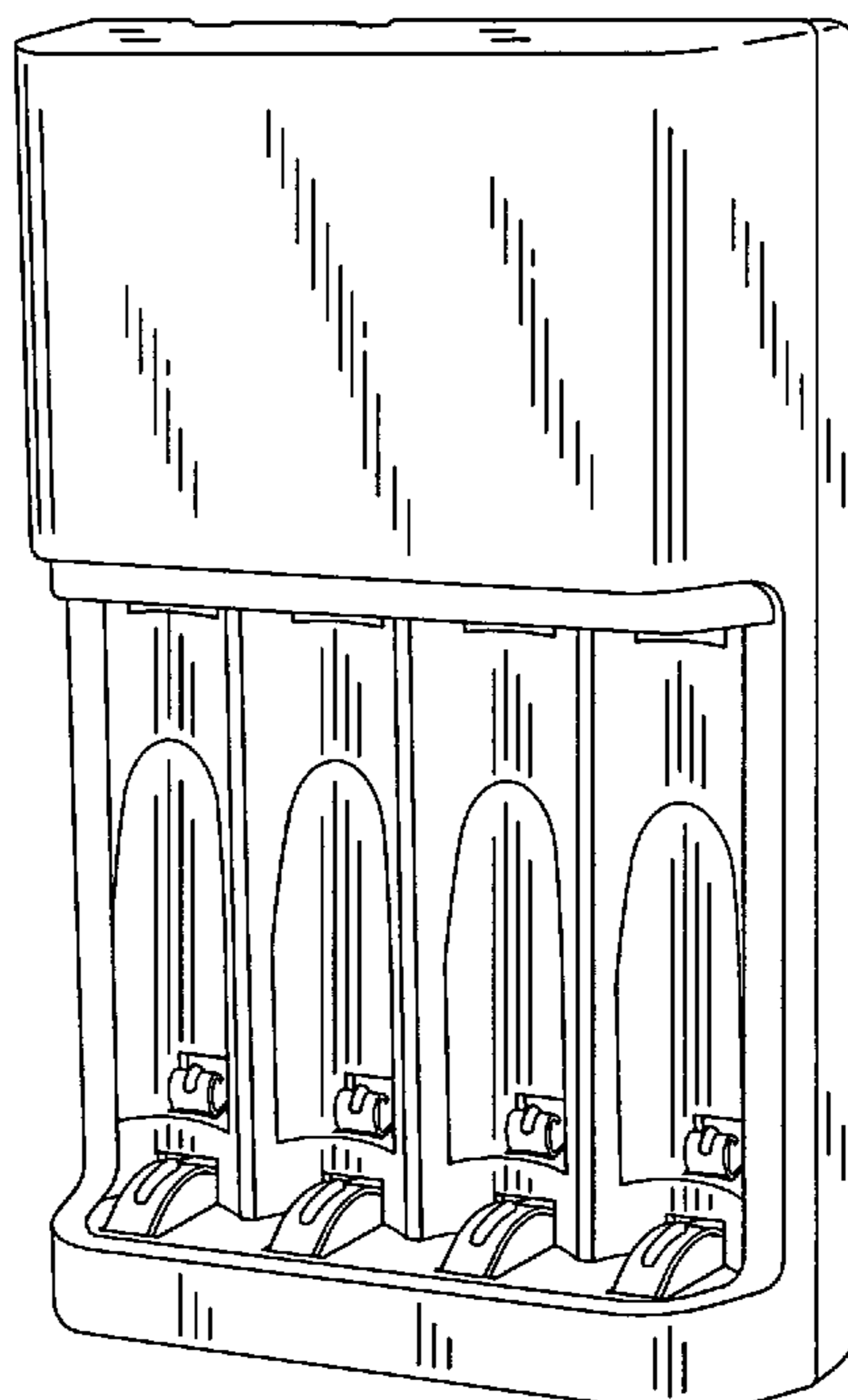


FIG. 1

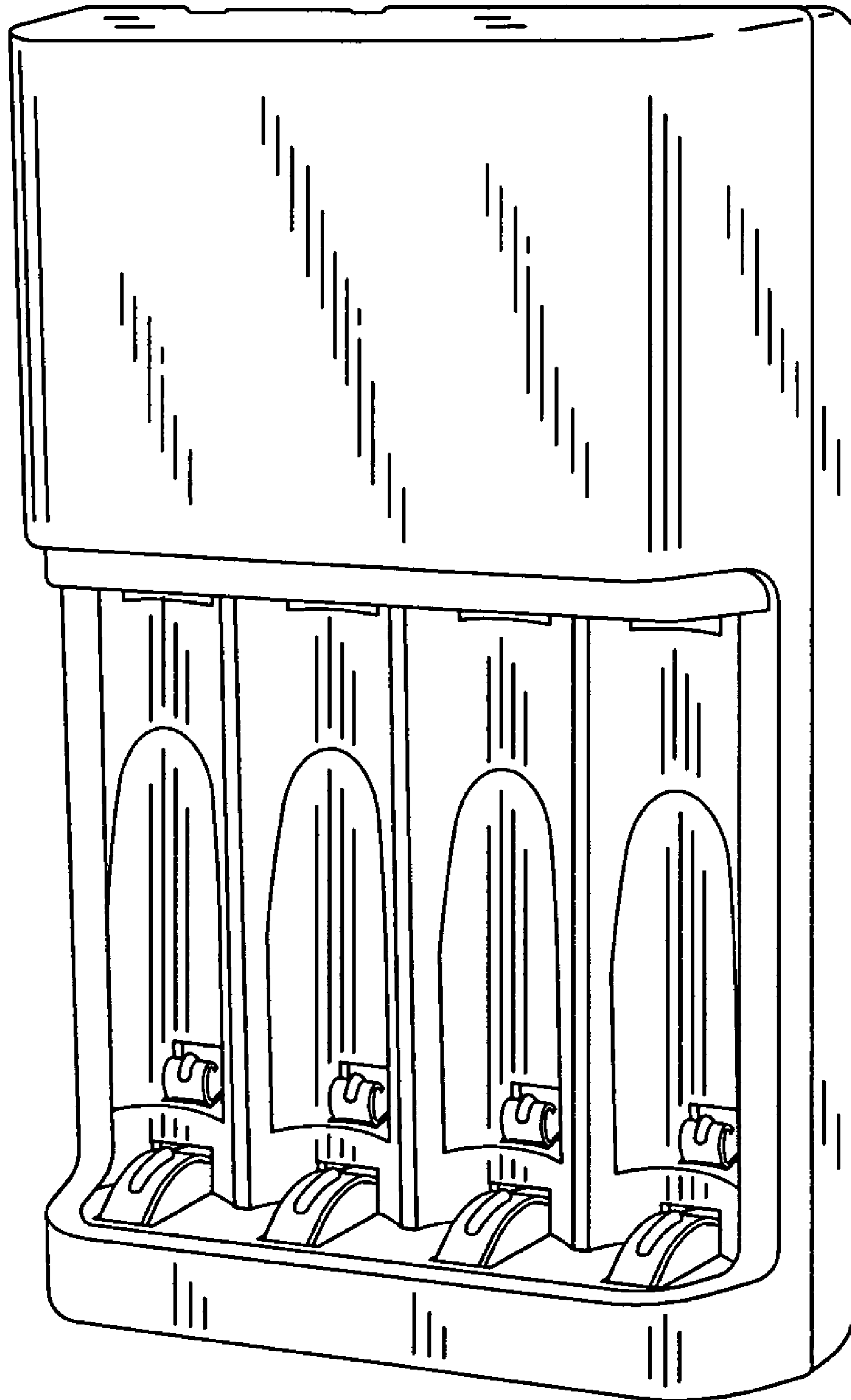


FIG. 2

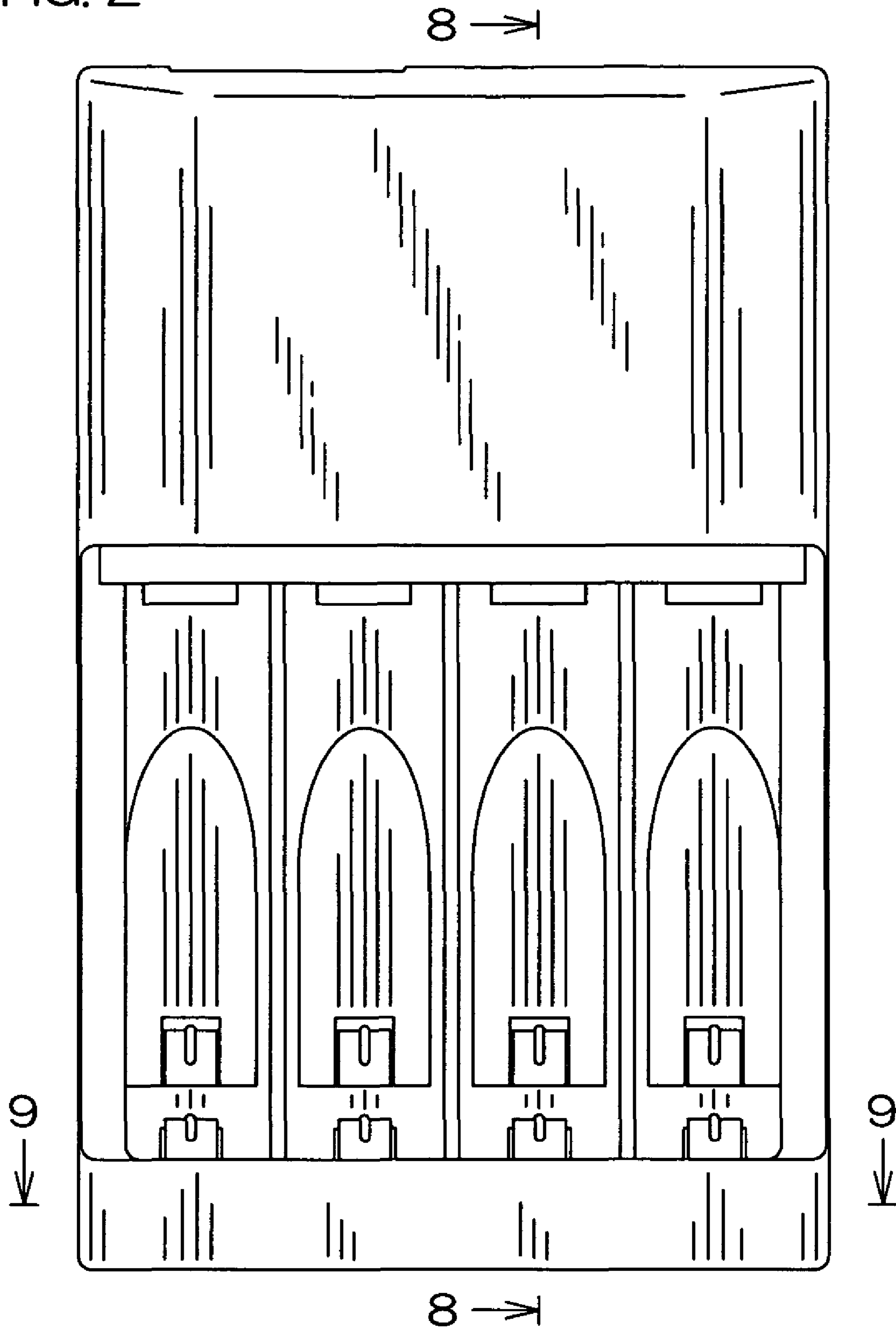


FIG. 3

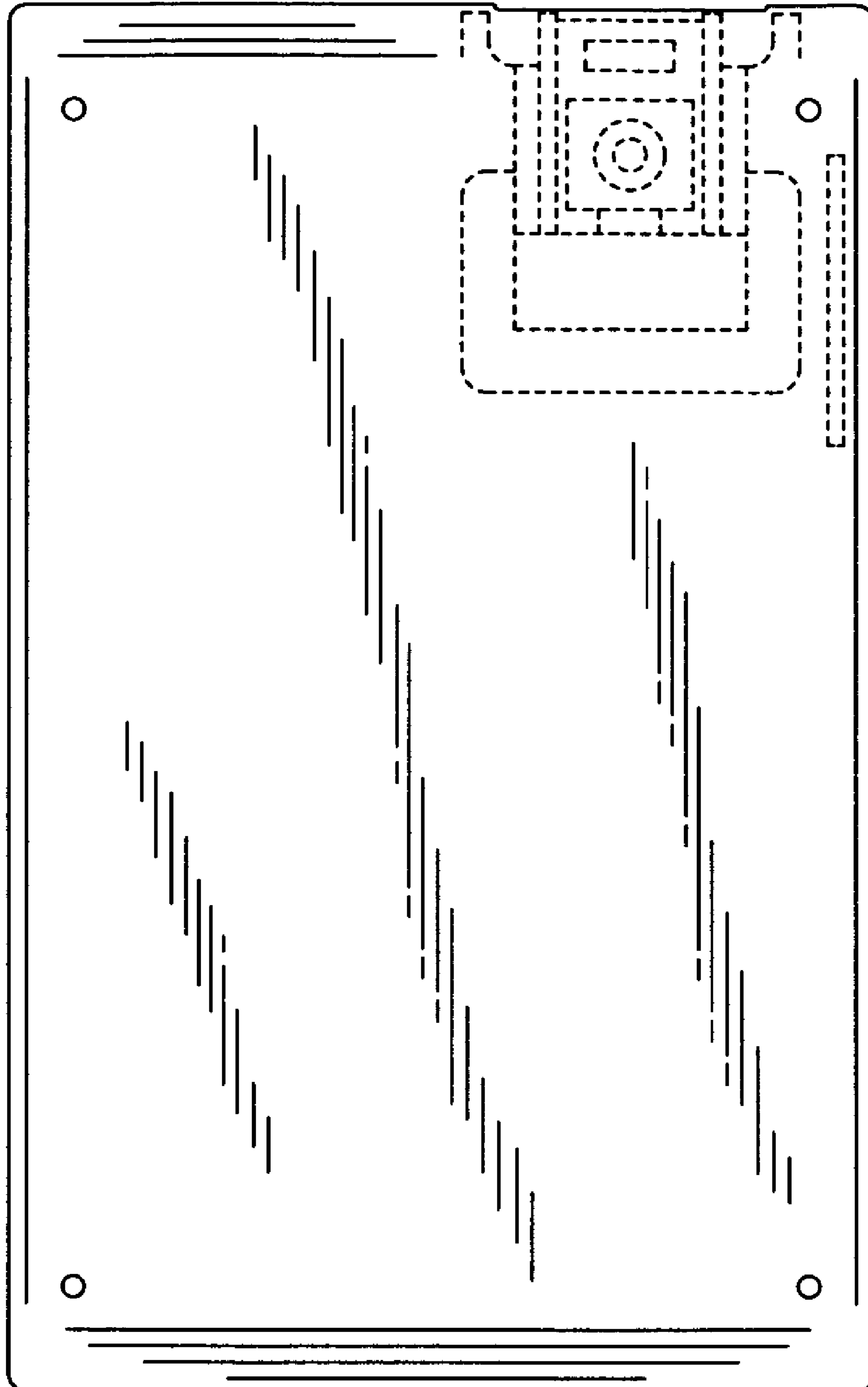


FIG. 4

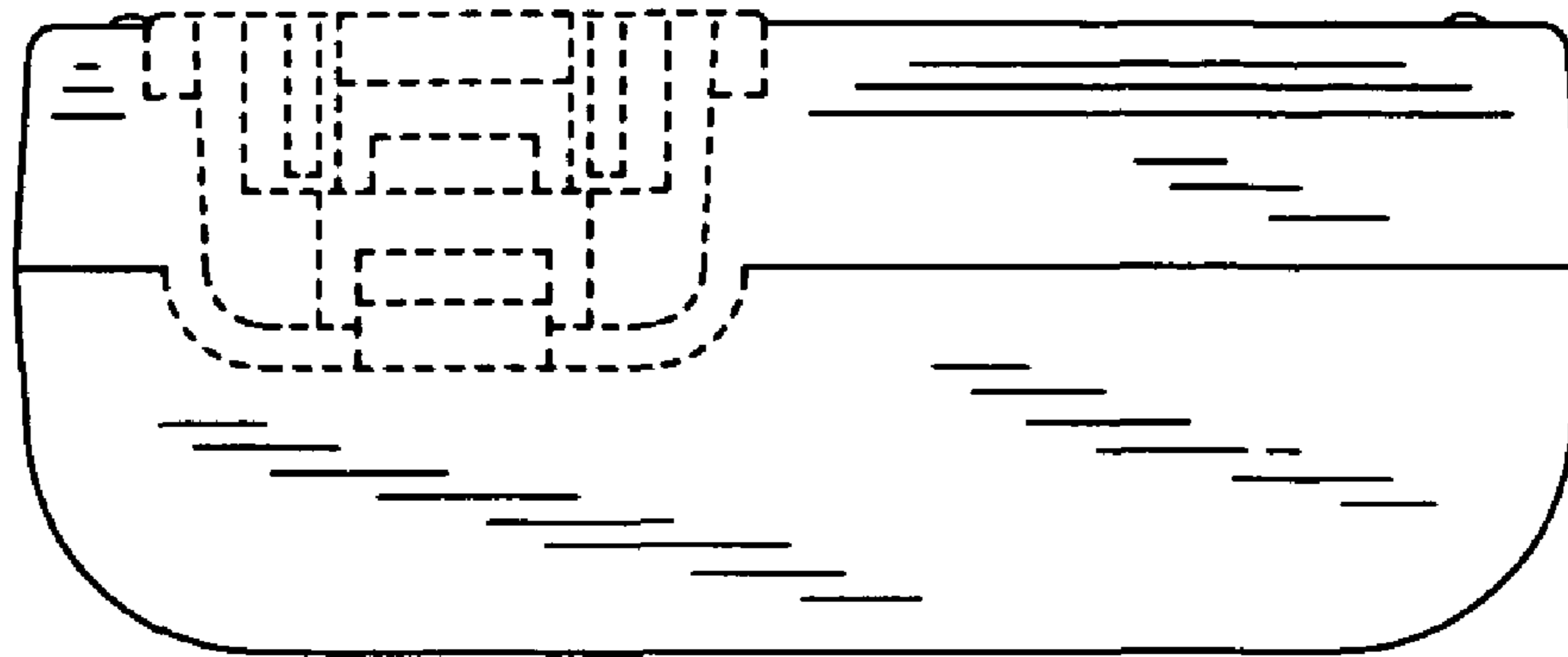


FIG. 5

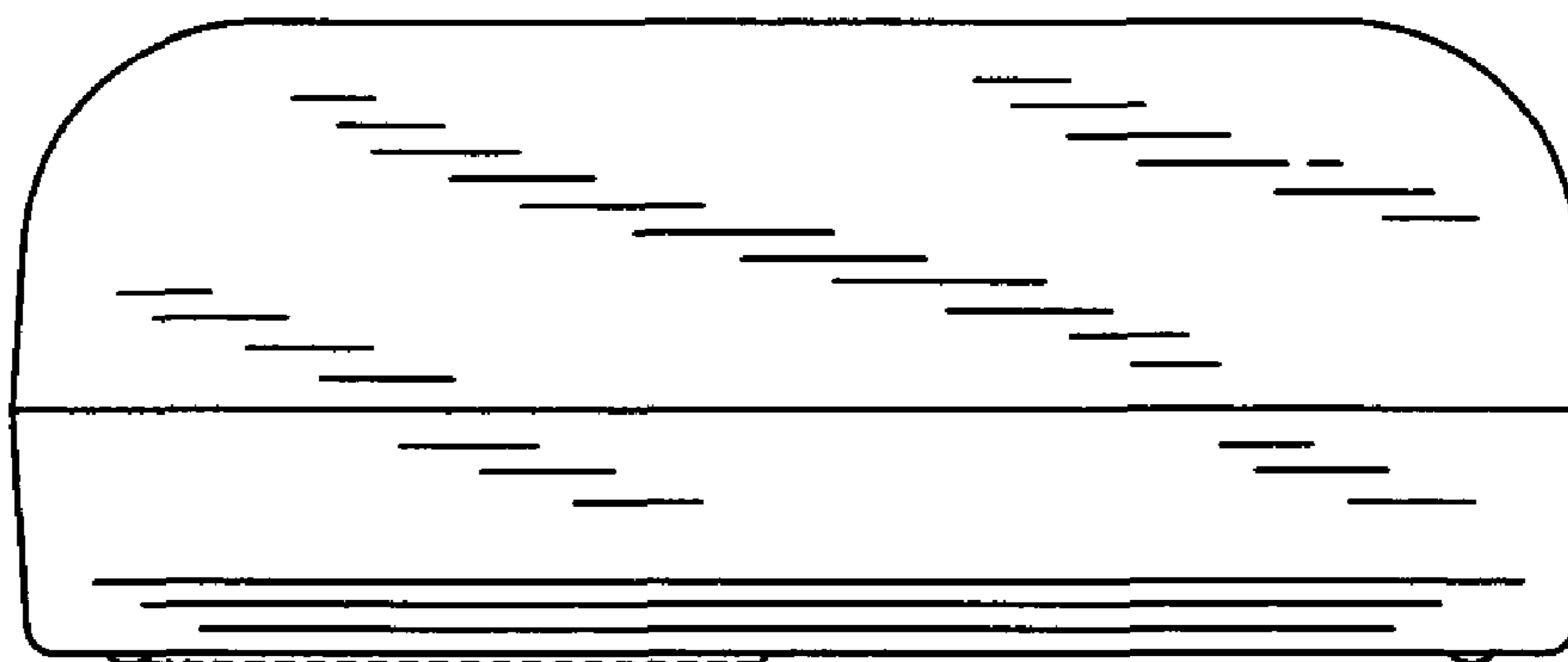


FIG. 6

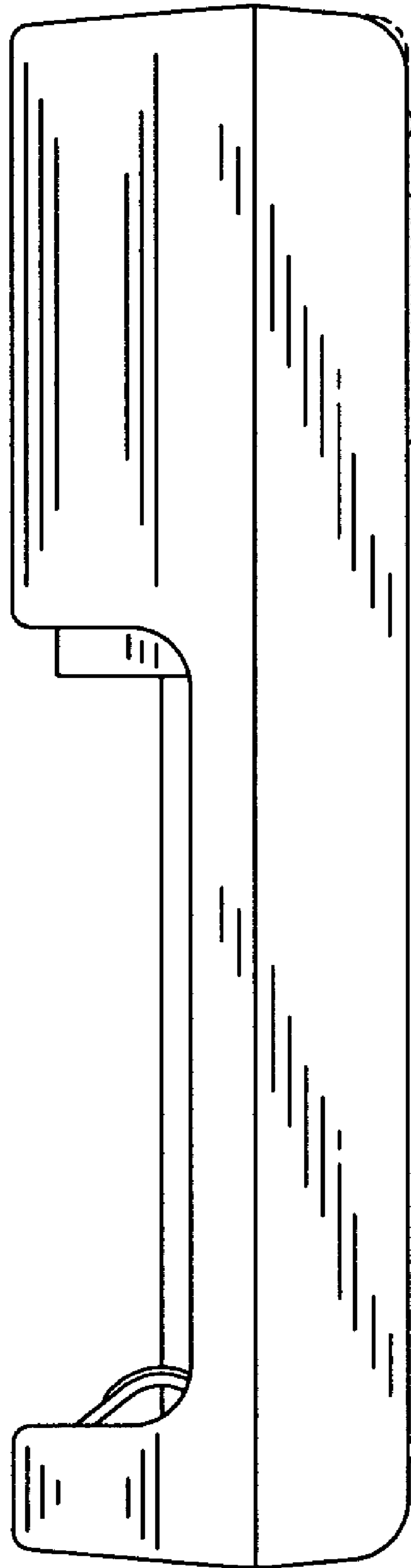


FIG. 7

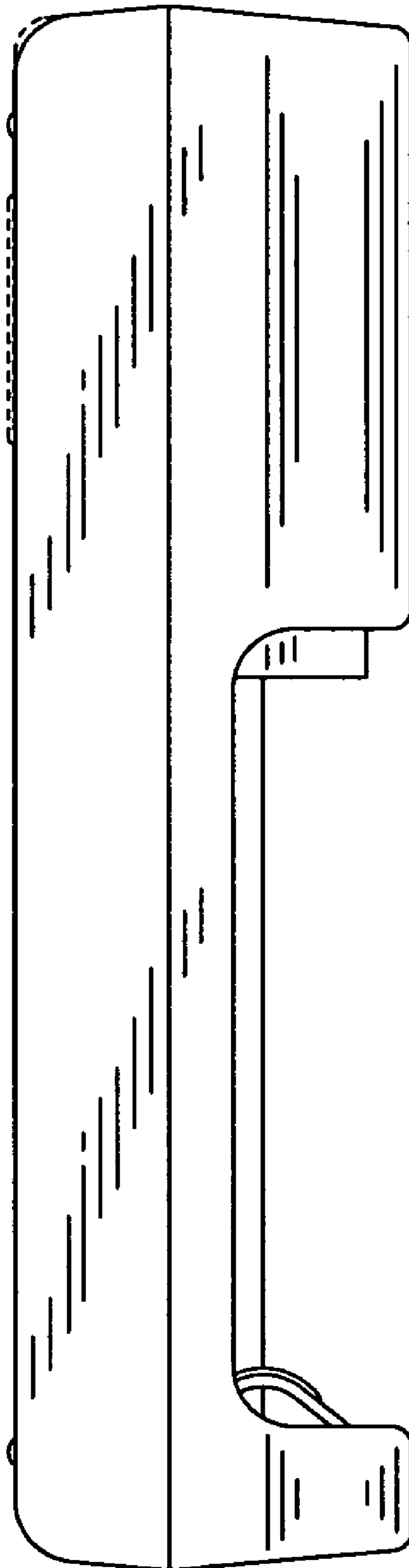


FIG. 8

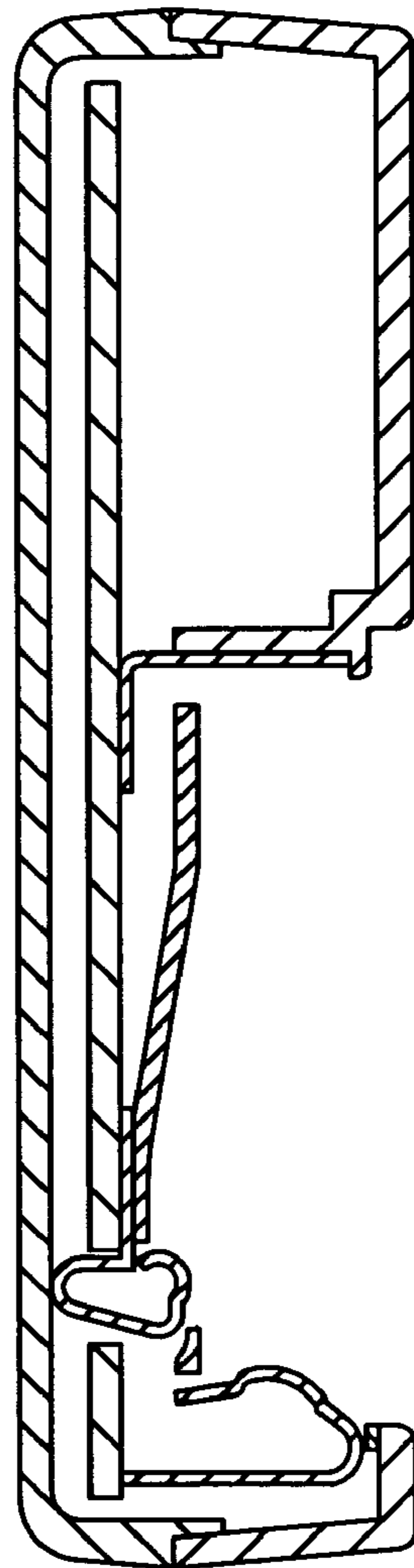


FIG. 9

