US00D564973S

(12) United States Design Patent

Meng-Suen

(10) Patent No.: US D564,973 S
(45) Date of Patent: ** Mar. 25, 2008

(54) **CONTROLLER FOR MULTIPLE CIRCUITS OF DISPLAY LIGHTING**

(75) Inventor: **Huang Meng-Suen**, Hong Kong (CN)

(73) Assignee: **Metro Industries Inc.**, Reno, NV (US)

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

(21) Appl. No.: **29/272,627**

(22) Filed: **Feb. 14, 2007**

(51) **LOC (8) Cl.** **13-03**
(52) **U.S. Cl.** **D13/162**; D13/139.1
(58) **Field of Classification Search** ..... D13/110, D13/123, 147, 151, 158–177, 184; D14/240, D14/356–358, 433, 434; 200/5 R, 295, 308, 200/310, 313, 314, 329, 340, 1 R, 6 R, 5 A, 200/296, 302.3, 315, 330, 334, 339, 341, 200/520, 525, 553; 174/50, 58, 66, 67, 65 R; 220/308, 4.02; 361/622, 679, 687–696, 724, 361/728, 736, 796
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D247,238	S	*	2/1978	Eppich et al.	D13/184
D260,513	S	*	9/1981	Comstock	D13/184
D307,136	S	*	4/1990	Boyer et al.	D14/388
D402,275	S	*	12/1998	Korhonen	D13/184
D431,230	S	*	9/2000	Began	D13/184
D470,114	S	*	2/2003	Amborn et al.	D13/162
D473,195	S	*	4/2003	Wang	D13/158
D520,958	S	*	5/2006	Yoneyama et al.	D13/158
D543,513	S	*	5/2007	Allen et al.	D13/184
D543,957	S	*	6/2007	Landerholm et al.	D13/184
2003/0112600	A1	*	6/2003	Olarig et al.	361/687

* cited by examiner

Primary Examiner—Selina Sikder
Assistant Examiner—Thomas J Johannes
(74) *Attorney, Agent, or Firm*—Fitzpatrick, Cella, Harper & Scinto

(57) **CLAIM**

The ornamental design for a controller for multiple circuits of display lighting, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view from the top and the left side of the controller for multiple circuits of display lighting, in accordance with the present invention, shown with two closures carried on the controller in the closed position.

FIG. **2** is a front elevational view of the controller as shown in FIG. **1**.

FIG. **3** is a right side elevational view of the controller as shown in FIG. **1**.

FIG. **4** is a left side elevational view of the controller as shown in FIG. **1**.

FIG. **5** is a top plan view of the controller as shown in FIG. **1**.

FIG. **6** is a bottom plan view of the controller as shown in FIG. **1**.

FIG. **7** is a rear elevational view of the controller as shown in FIG. **1**.

FIG. **8** is a perspective view from the top and the left side of the controller in accordance with the present invention, similar to FIG. **1** but shown with the two closures carried on the controller in open position.

FIG. **9** is a perspective view taken from the top and the right side of the controller, also shown with the two closures carried on the controller in open position.

FIG. **10** is a front elevational view of the controller as shown in FIGS. **8** and **9**.

FIG. **11** is a right side elevational view of the controller as shown in FIGS. **8** and **9**.

FIG. **12** is a left side elevational view of the controller as shown in FIGS. **8** and **9**.

FIG. **13** is a top plan view of the controller as shown in FIGS. **8** and **9**.

FIG. **14** is a bottom plan view of the controller as shown in FIGS. **8** and **9**; and,

FIG. **15** is a rear elevational view of the controller as shown in FIGS. **8** and **9**.

1 Claim, 14 Drawing Sheets

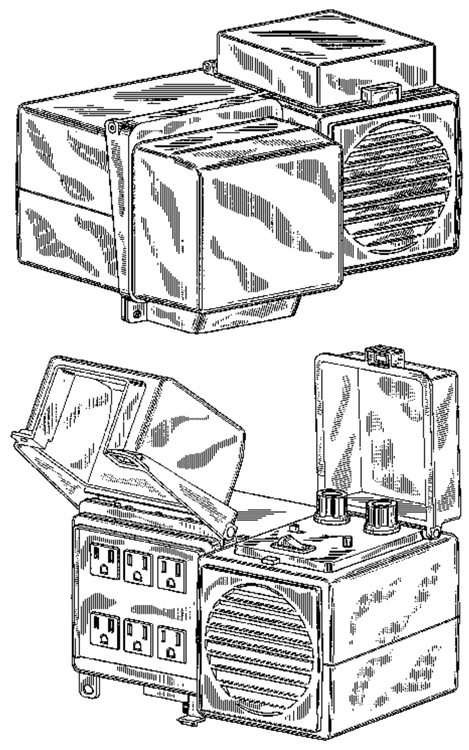


FIG. 1

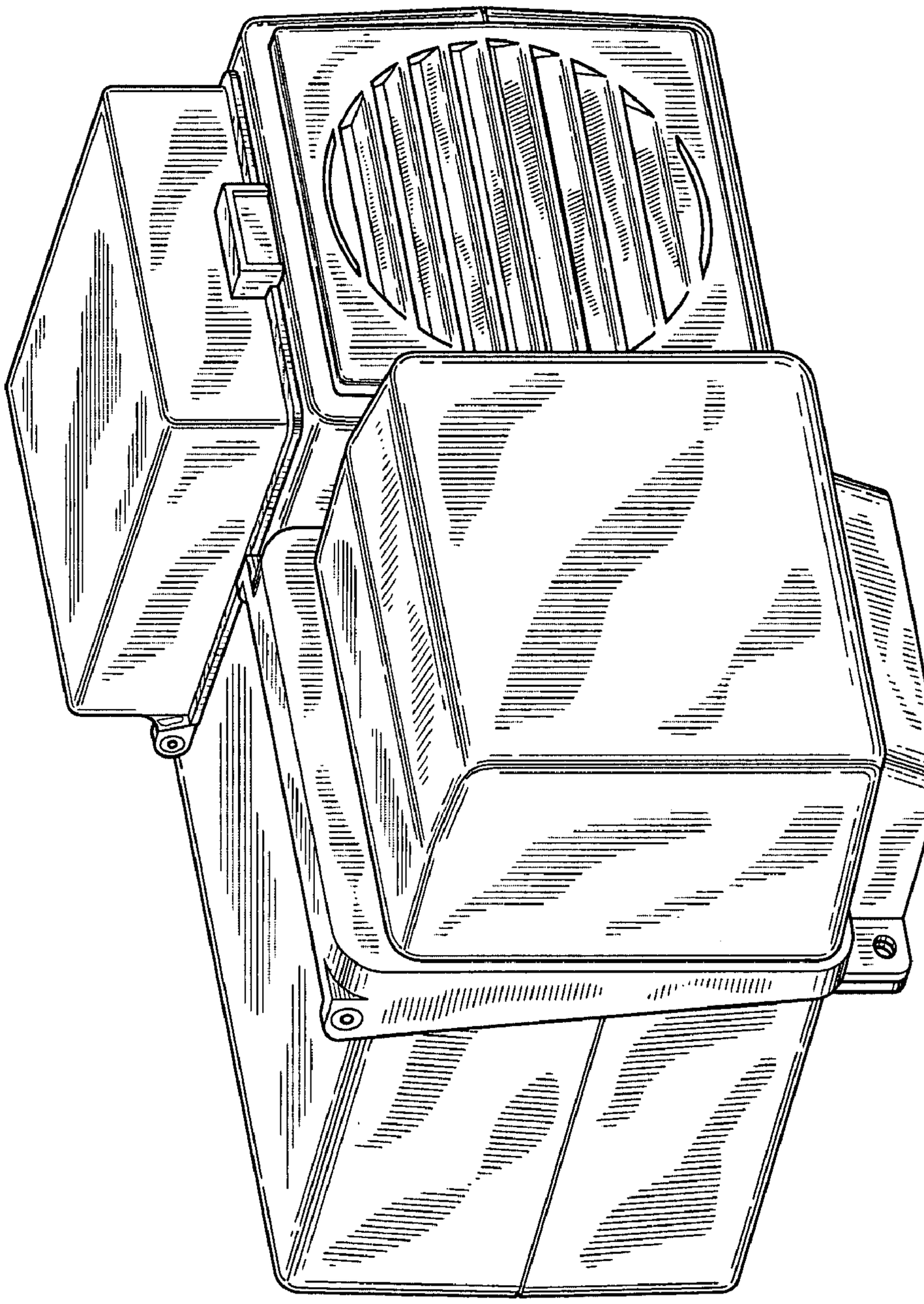


FIG. 2

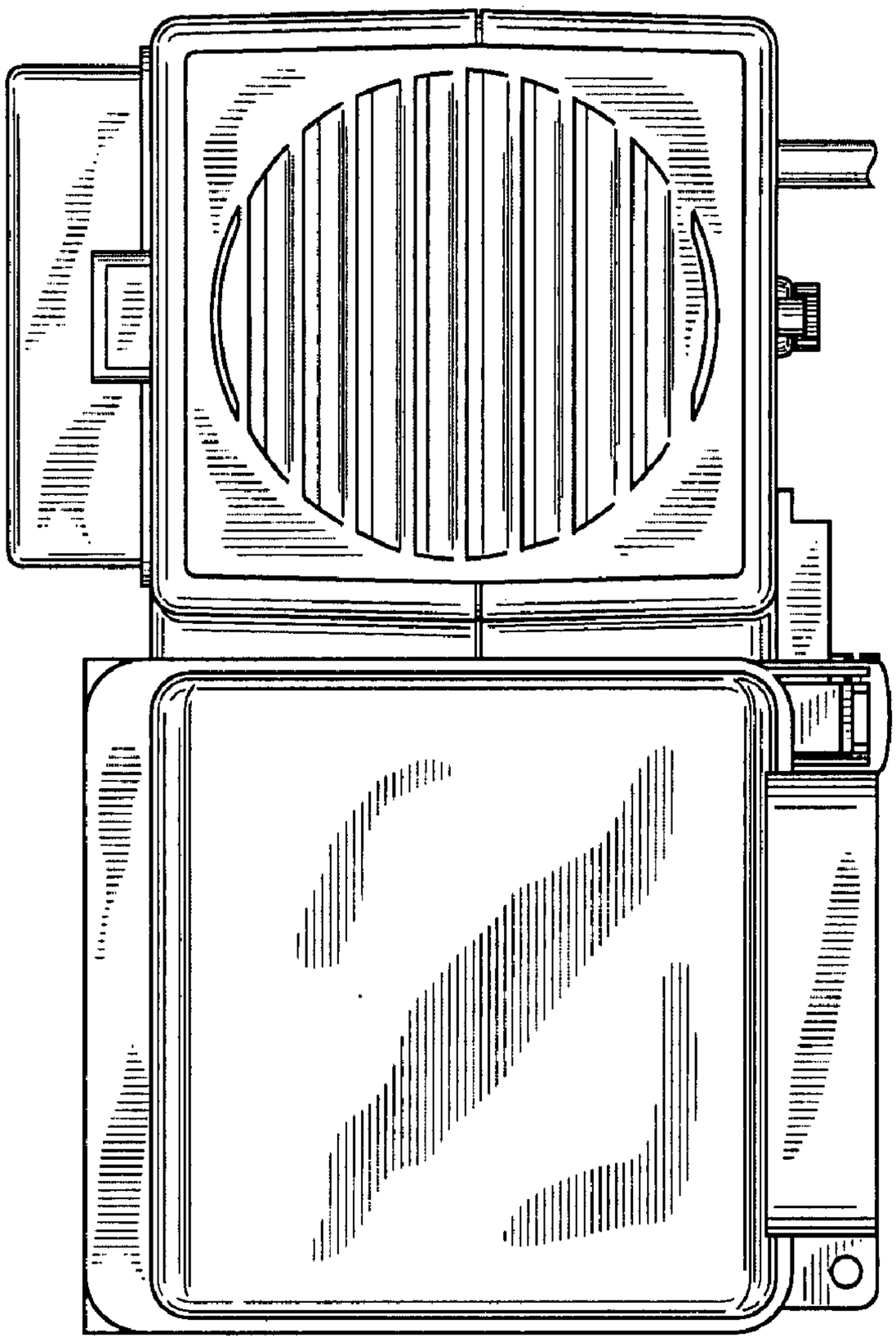


FIG. 4

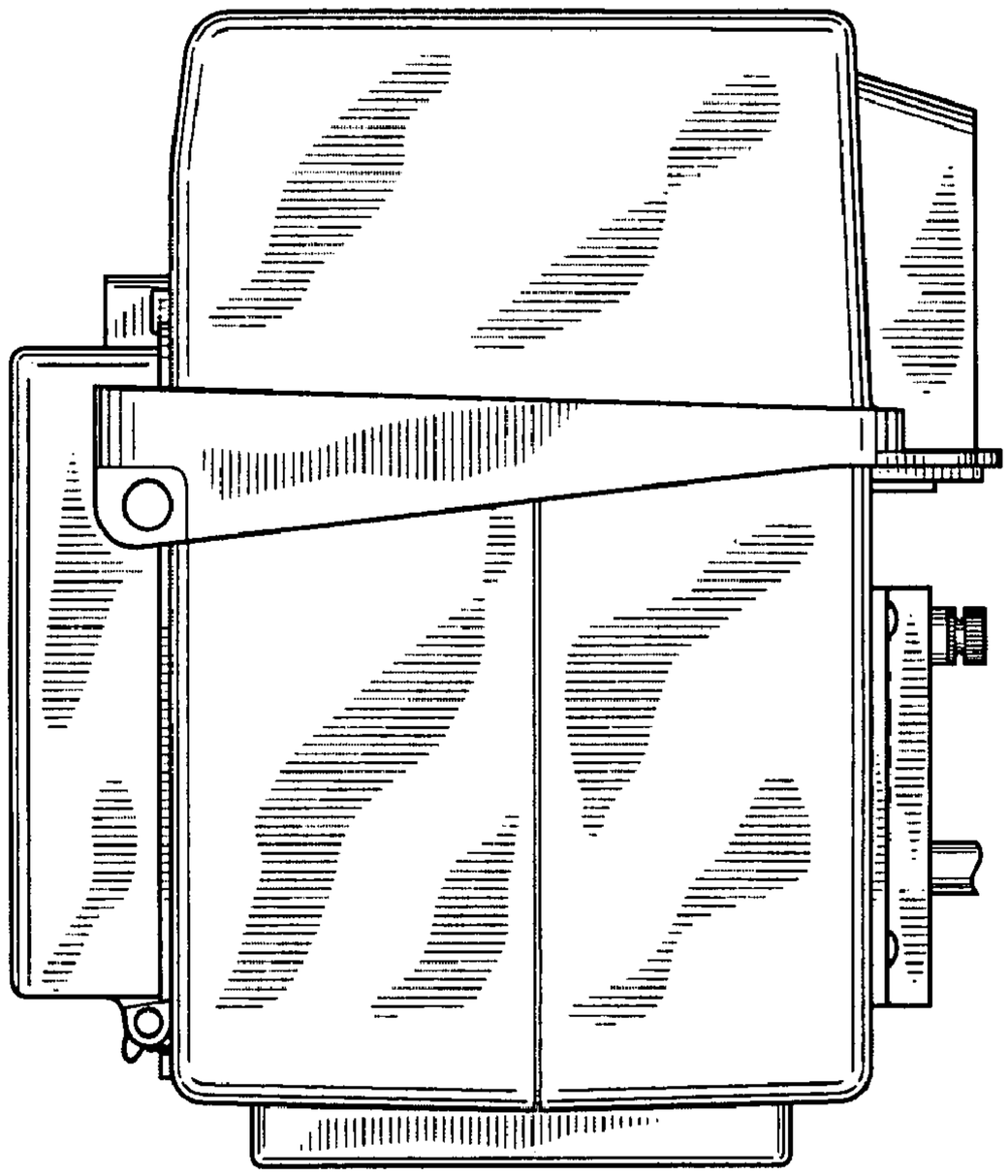


FIG. 3

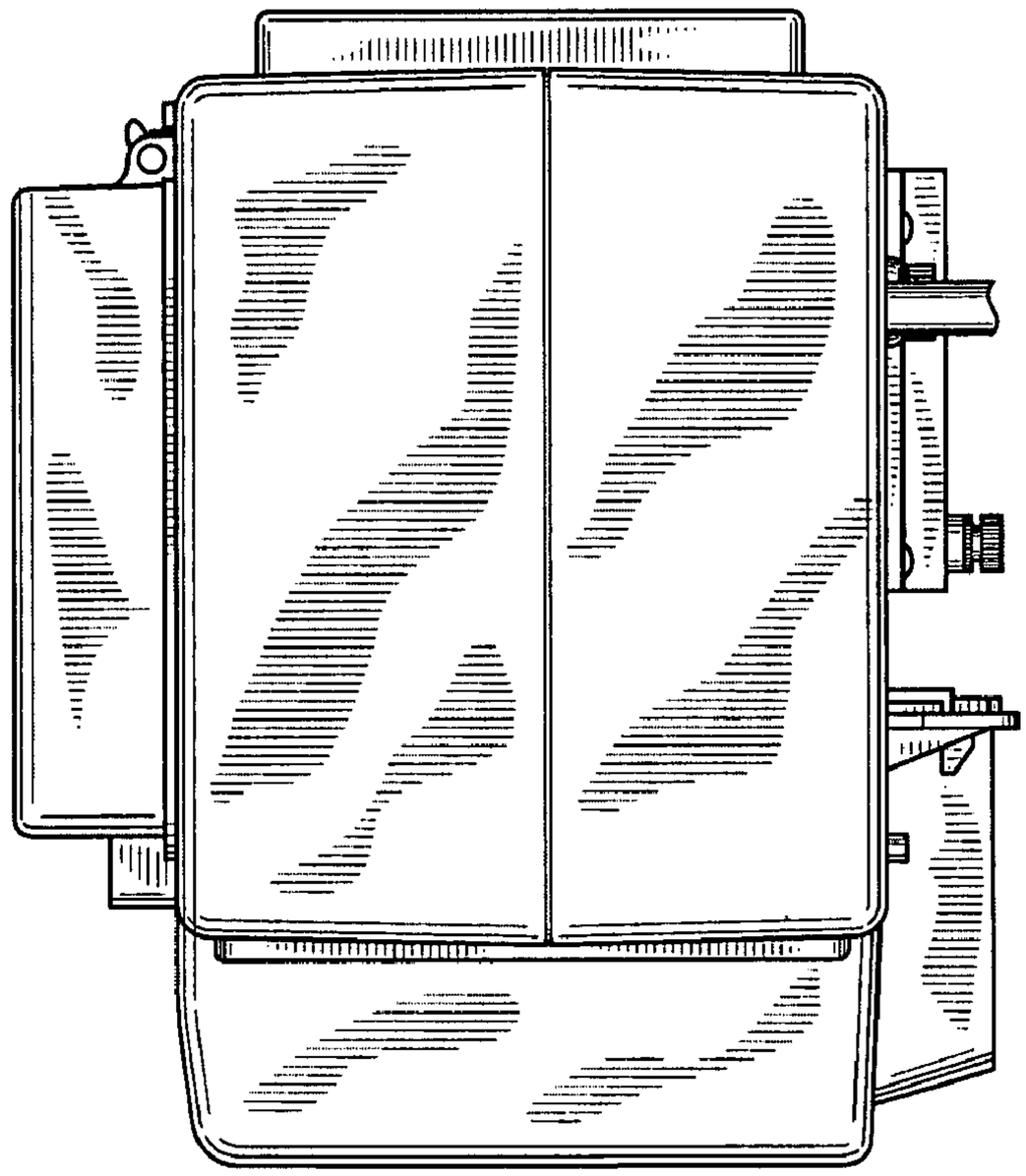


FIG. 5

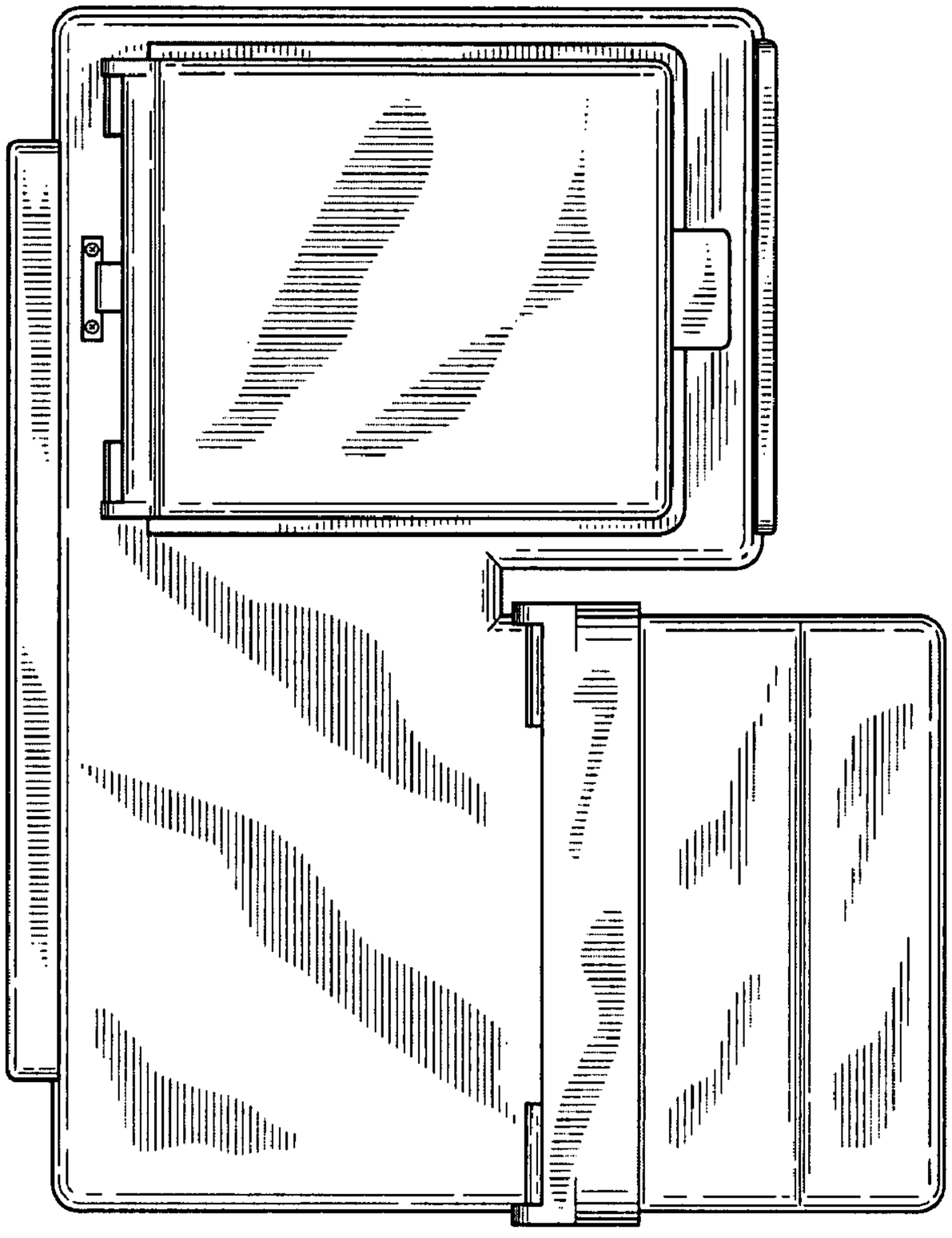


FIG. 6

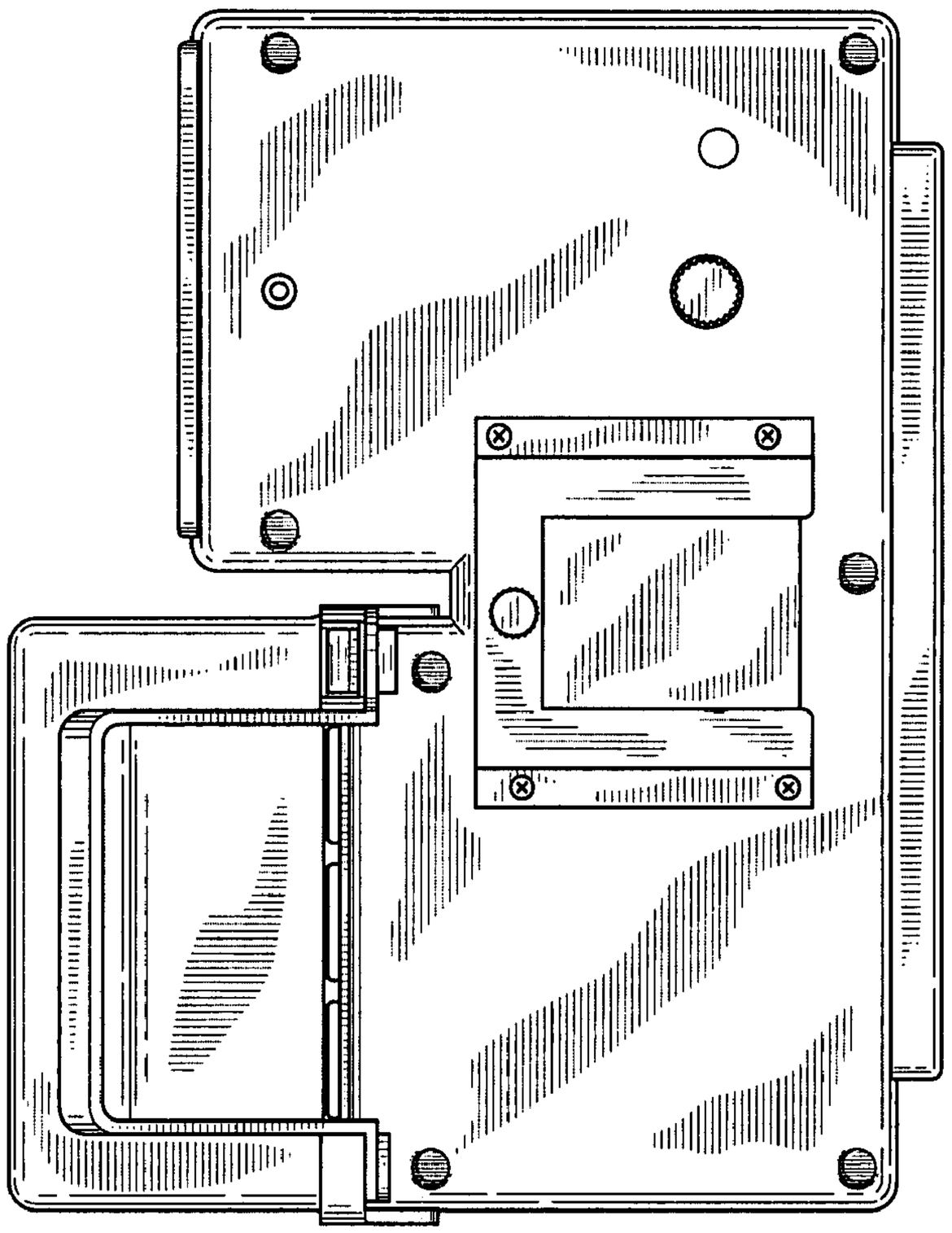
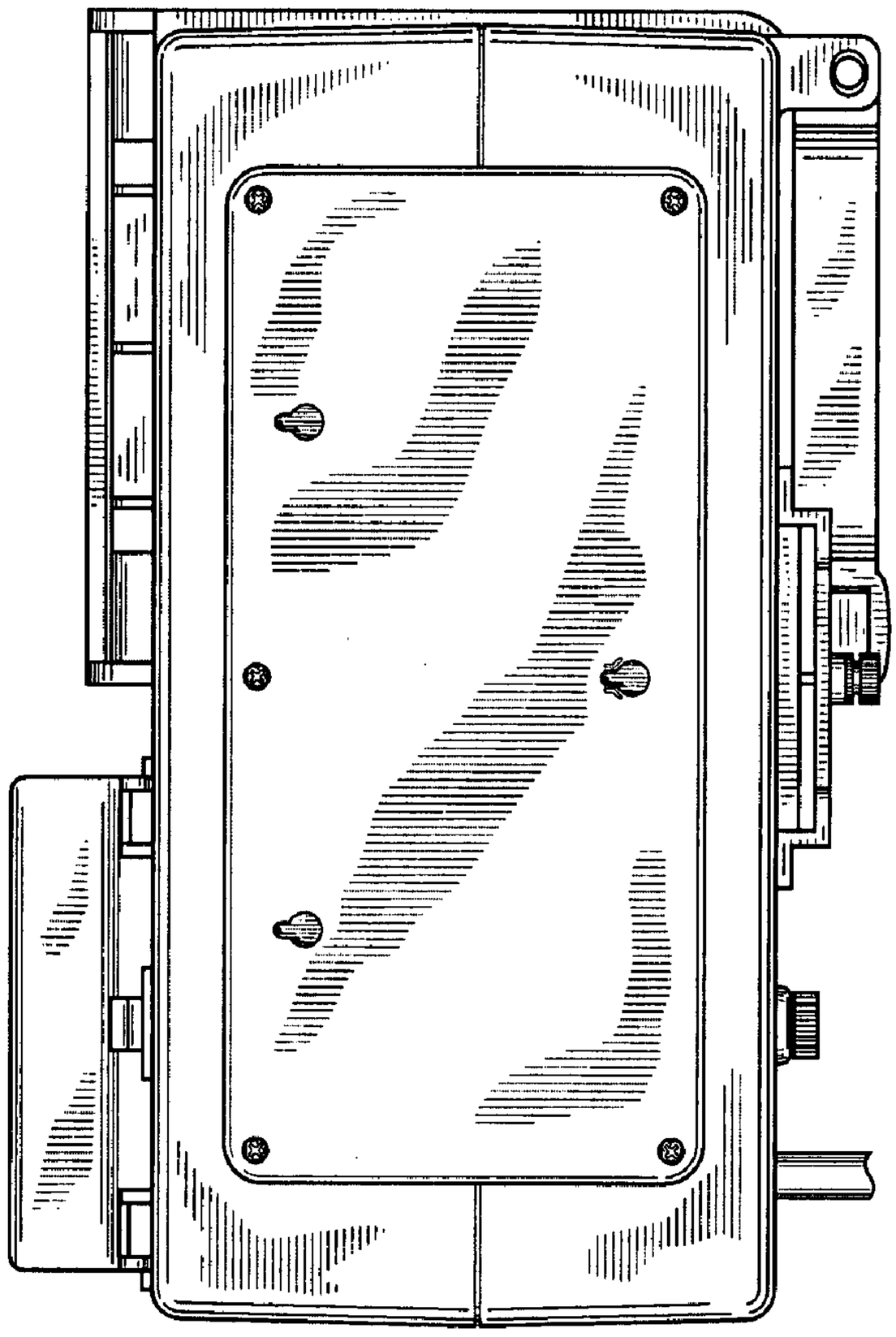


FIG. 7



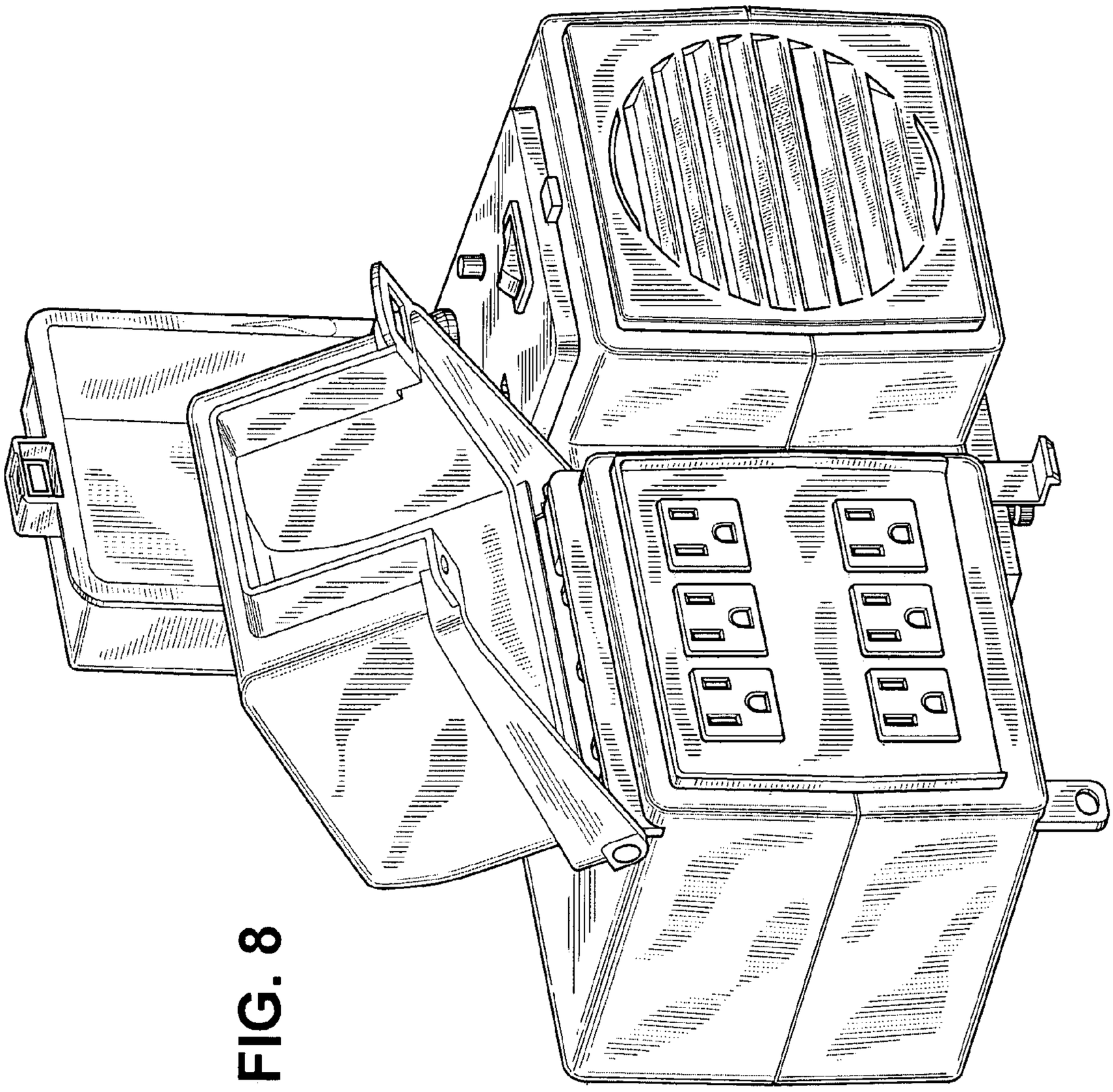


FIG. 8

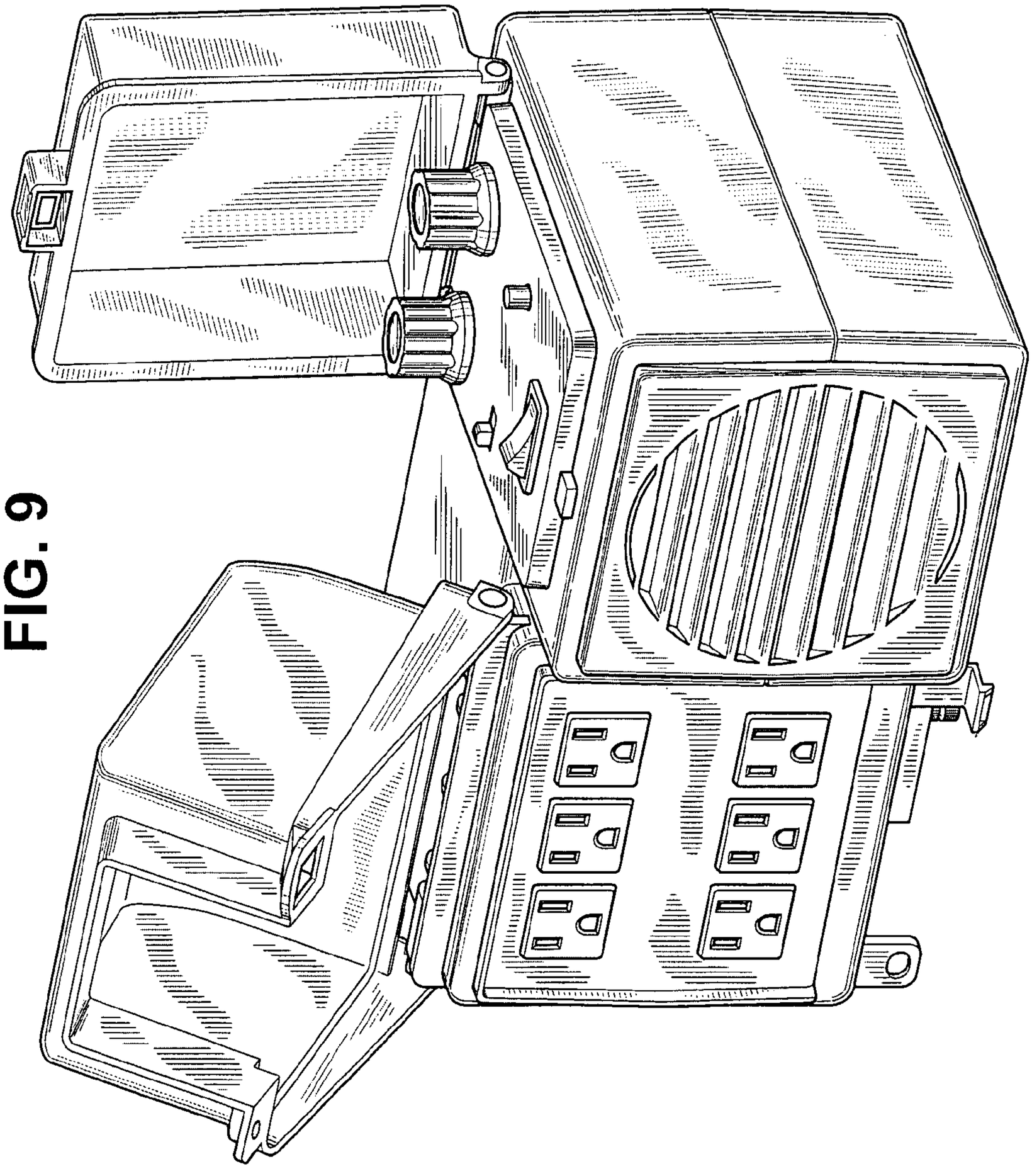


FIG. 9

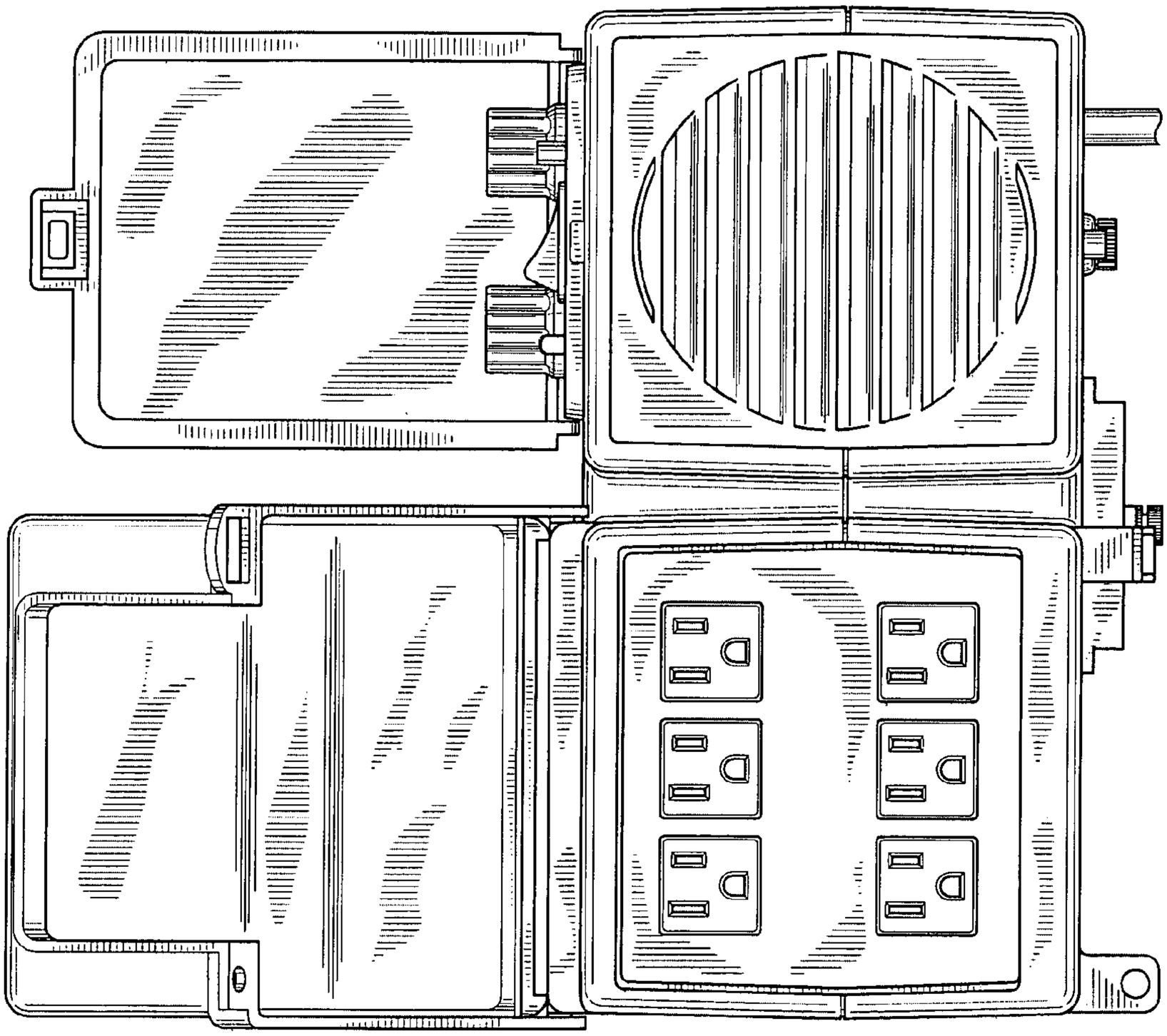


FIG. 10

FIG. 11

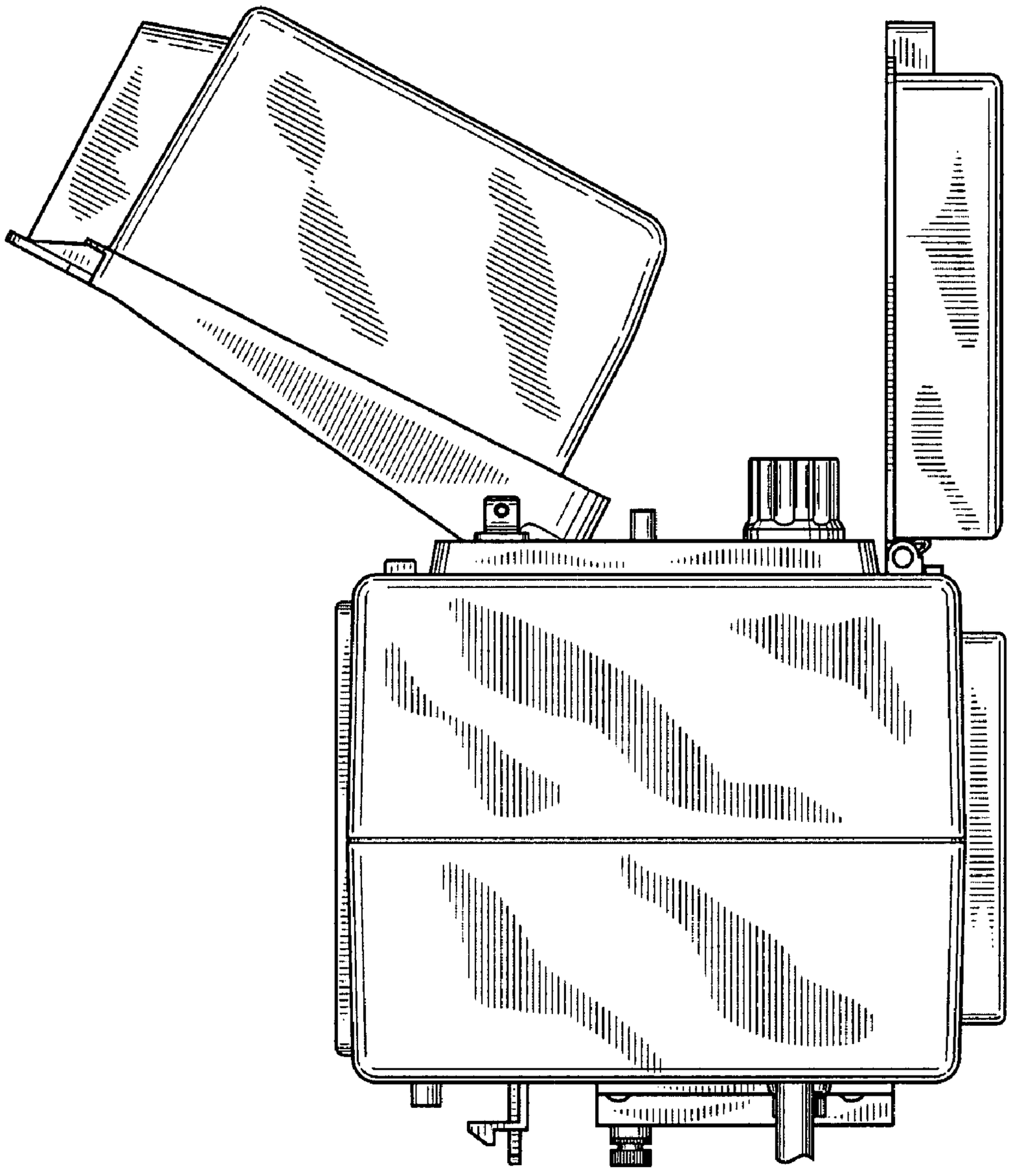


FIG. 12

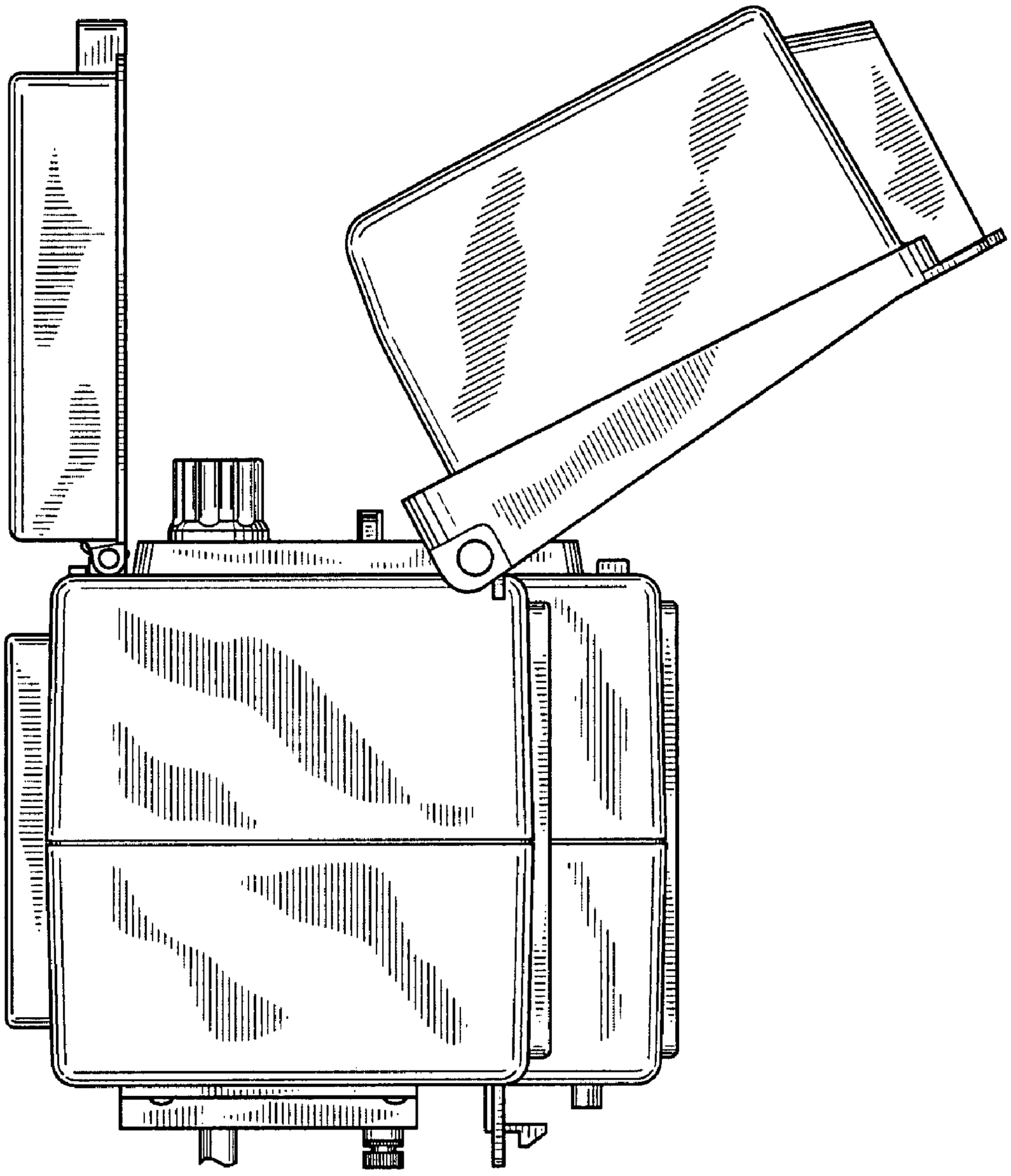


FIG. 13

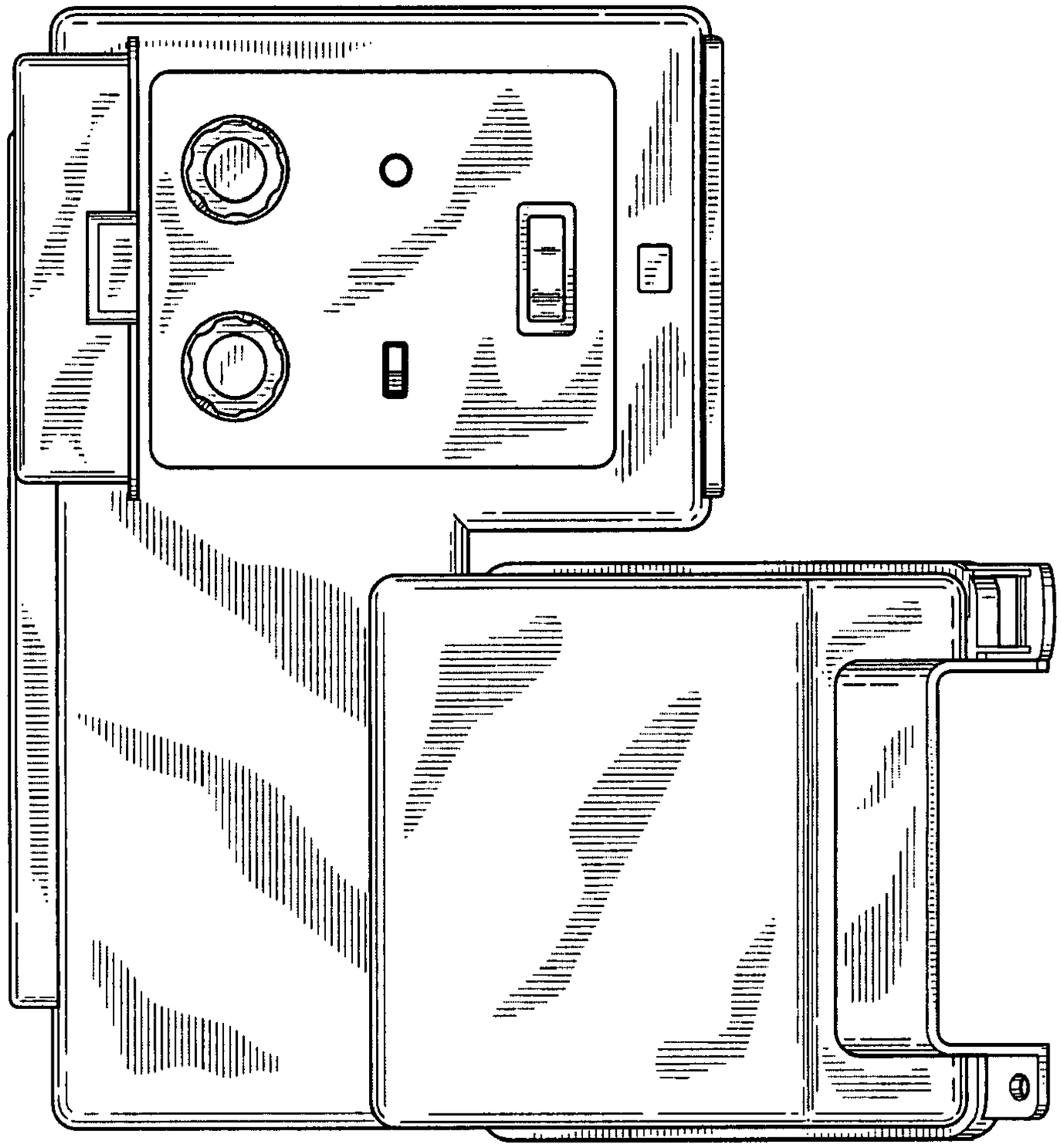
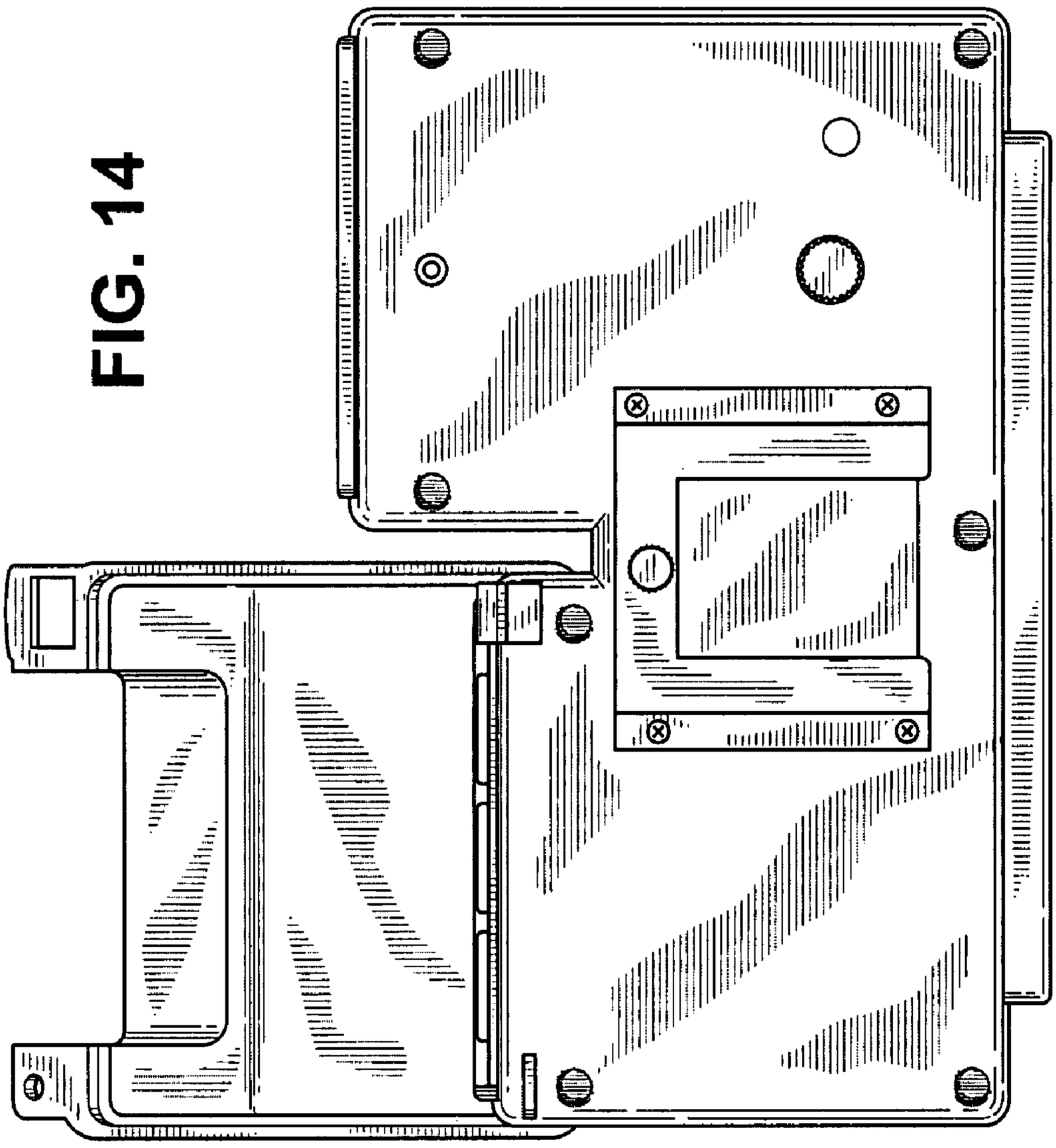


FIG. 14



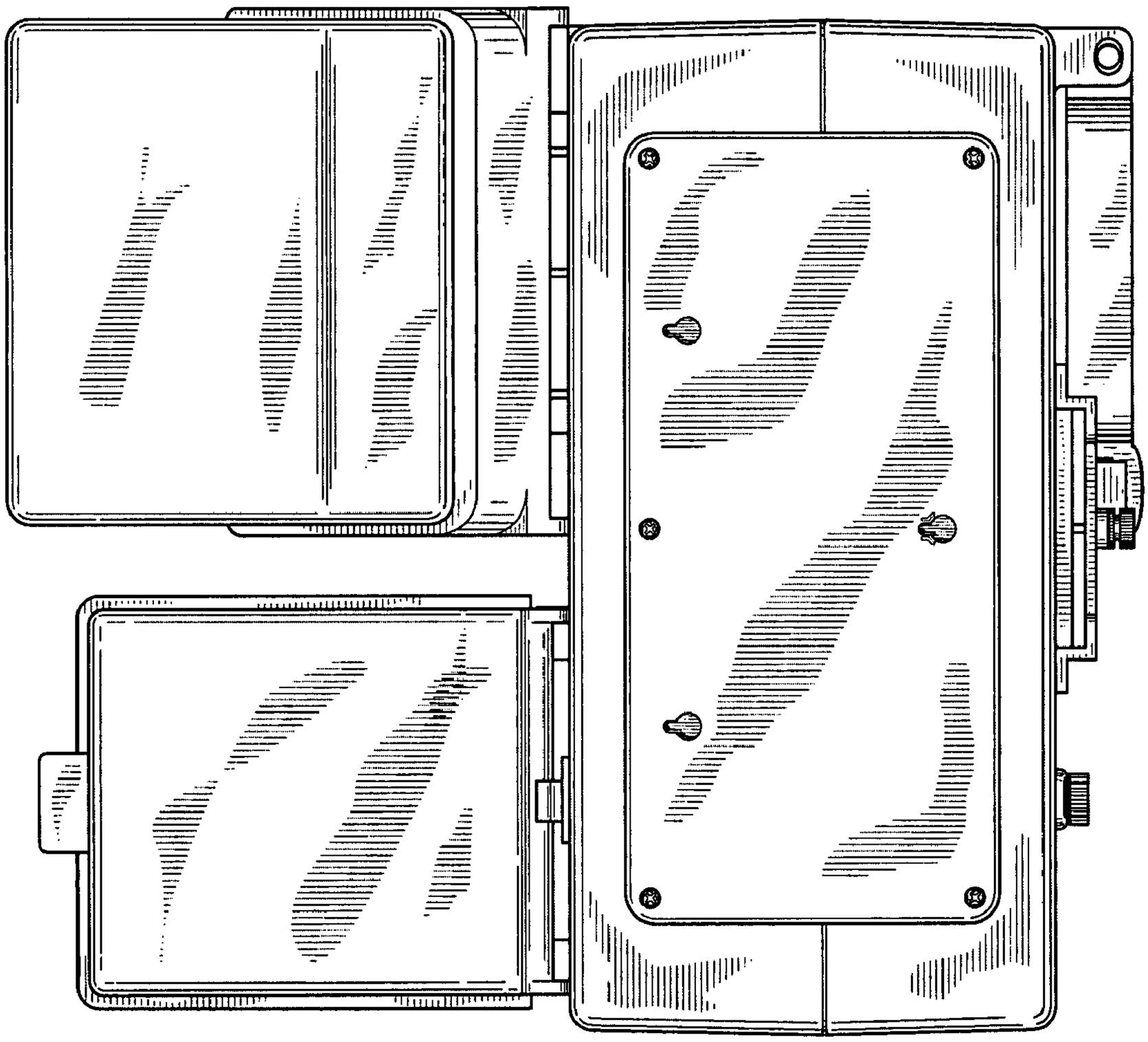


FIG. 15