

US00D404075S

**United States Patent** [19]  
**Hatamachi et al.**

[11] **Patent Number: Des. 404,075**  
[45] **Date of Patent: \*\*Jan. 12, 1999**

[54] **BILL VALIDATOR**  
[75] Inventors: **Tadashi Hatamachi,**  
Higashimatsuyama; **Yasuyuki Kodama,**  
Sakado; **Noboru Yamagishi,**  
Tsurugashima, all of Japan  
[73] Assignee: **Kabushiki Kaisha Nippon Conlux,**  
Tokyo, Japan  
[\*\*] Term: **14 Years**

4,775,824 10/1988 Barnes et al. .  
4,784,274 11/1988 Mori et al. .  
4,809,966 3/1989 Koayashi et al. .  
4,880,096 11/1989 Kobayashi .  
5,005,688 4/1991 Yukimoto et al. .  
5,195,739 3/1993 Watabe et al. .  
5,254,841 10/1993 Watabe et al. .  
5,333,714 8/1994 Watabe et al. .  
5,377,805 1/1995 Ono et al. .... 194/206  
5,411,249 5/1995 Zouzoulas .

[21] Appl. No.: **77,015**  
[22] Filed: **Sep. 17, 1997**

**Related U.S. Application Data**

[63] Continuation of Ser. No. 56,224, Jun. 18, 1996, abandoned.

**Foreign Application Priority Data**

Jan. 11, 1996 [JP] Japan ..... 8-329

[51] **LOC (6) Cl.** ..... **20-01**  
[52] **U.S. Cl.** ..... **D20/8**  
[58] **Field of Search** ..... D20/8, 9; D18/3;  
194/206, 207, 350

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 288,337 2/1987 Kobayashi .  
D. 288,377 2/1987 Kobayashi et al. .... D18/3  
D. 317,019 5/1991 Yukimoto et al. .... D20/9  
D. 329,318 9/1992 Yukimoto et al. .  
D. 329,520 9/1992 Yukimoto et al. .  
D. 329,521 9/1992 Yukimoto et al. .  
D. 329,522 9/1992 Yukimoto et al. .  
D. 359,765 6/1995 Izawa ..... D20/9  
4,556,139 12/1985 Akagawa et al. .  
4,678,072 7/1987 Kobayashi et al. .

**FOREIGN PATENT DOCUMENTS**

730476 12/1987 Japan .  
730499 12/1987 Japan .  
730500 12/1987 Japan .  
847138 5/1992 Japan .  
847141 5/1992 Japan .

**OTHER PUBLICATIONS**

Vending times; Buyer guide; p. 48, all changes on page; pp. 167, 169, and 171, changers on left side og page, 1982.

*Primary Examiner*—Ted Shooman  
*Assistant Examiner*—Mitchell I. Siegel  
*Attorney, Agent, or Firm*—Abelman, Frayne & Schwab

[57] **CLAIM**

The ornamental design for a bill validator, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of the bill validator of our design;  
FIG. 2 is a rear view elevational view thereof;  
FIG. 3 is a top plan view thereof;  
FIG. 4 is a bottom plan view thereof;  
FIG. 5 is a right elevational view thereof; and,  
FIG. 6 is a left elevational view thereof.

**1 Claim, 4 Drawing Sheets**

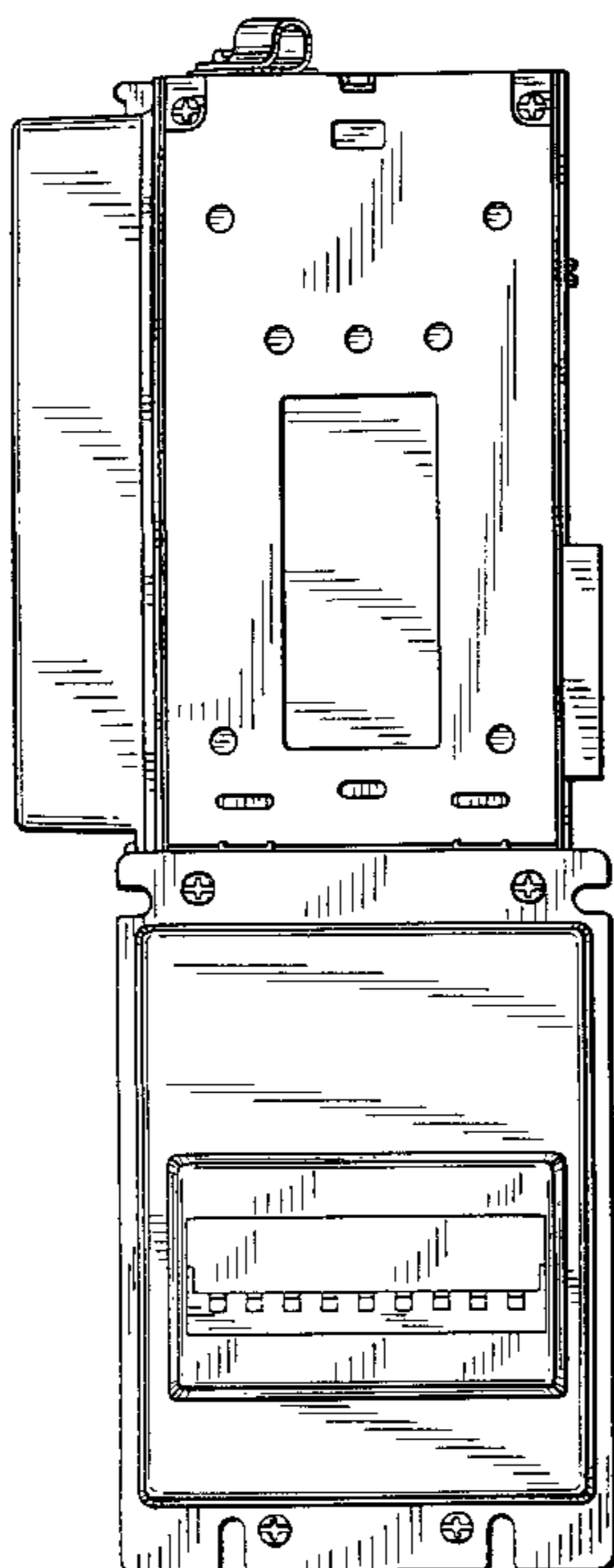


FIG. 1

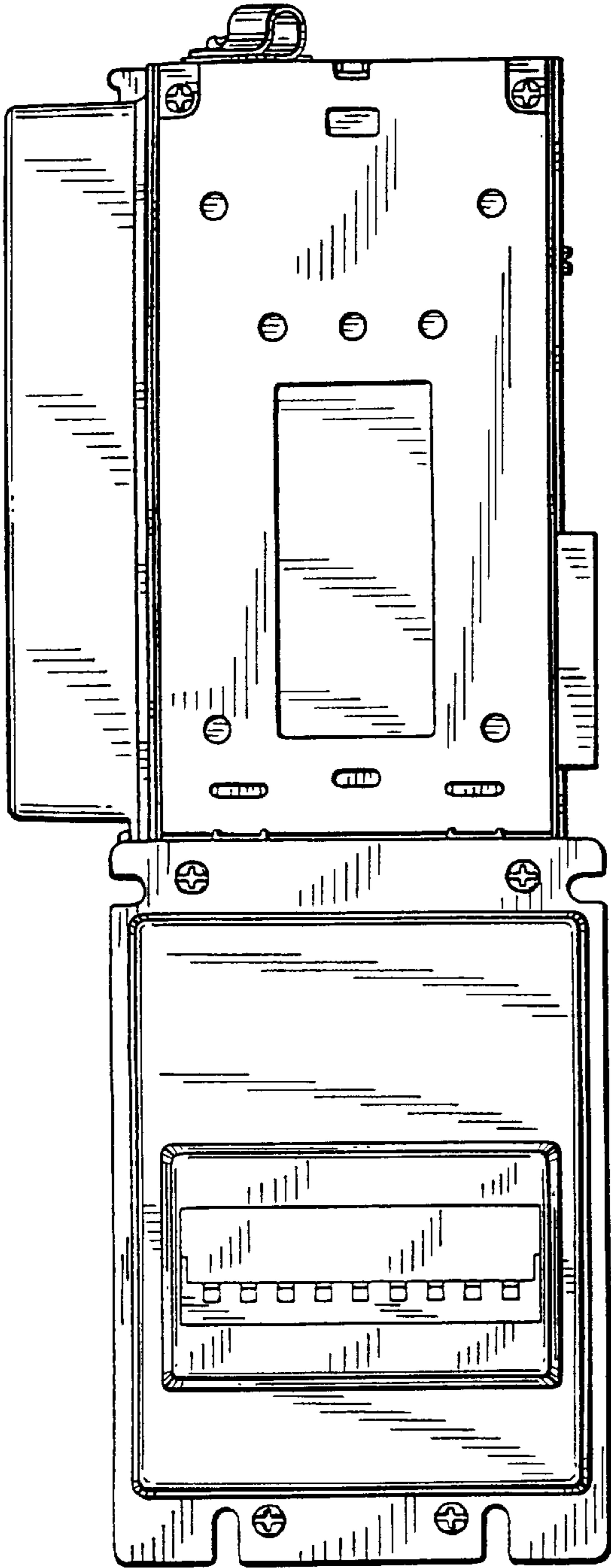
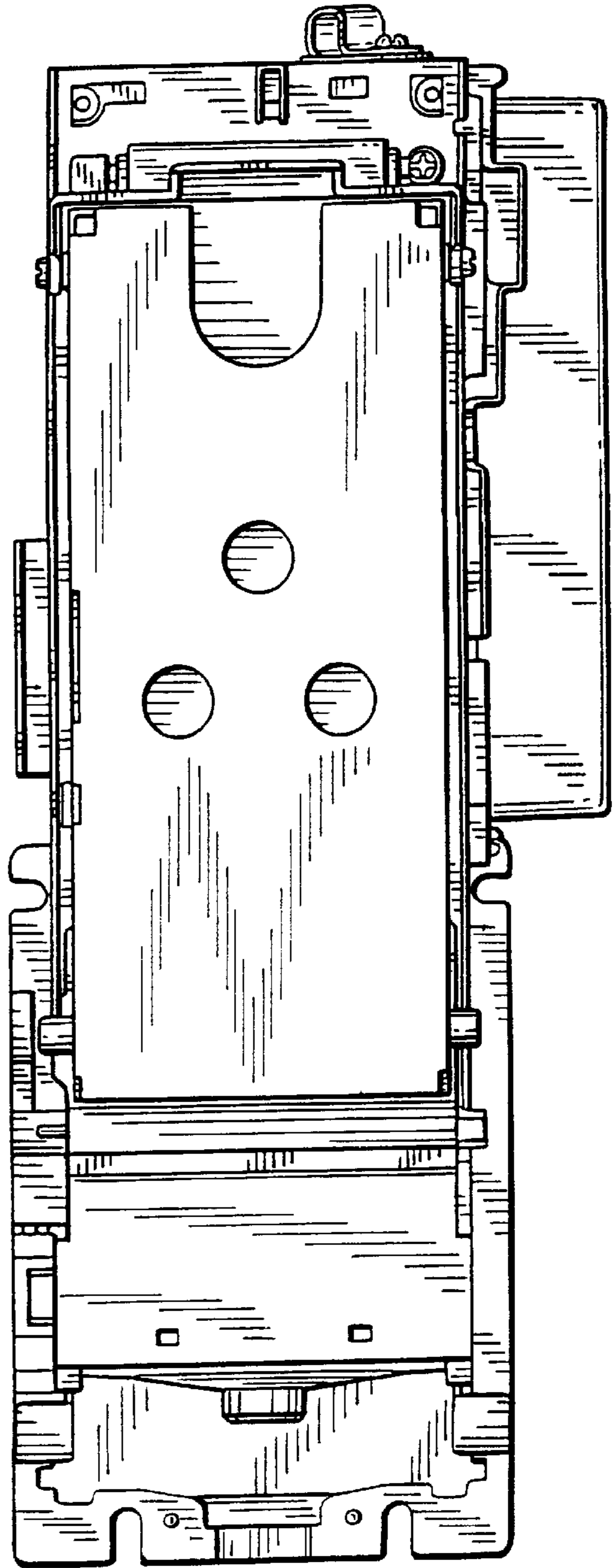
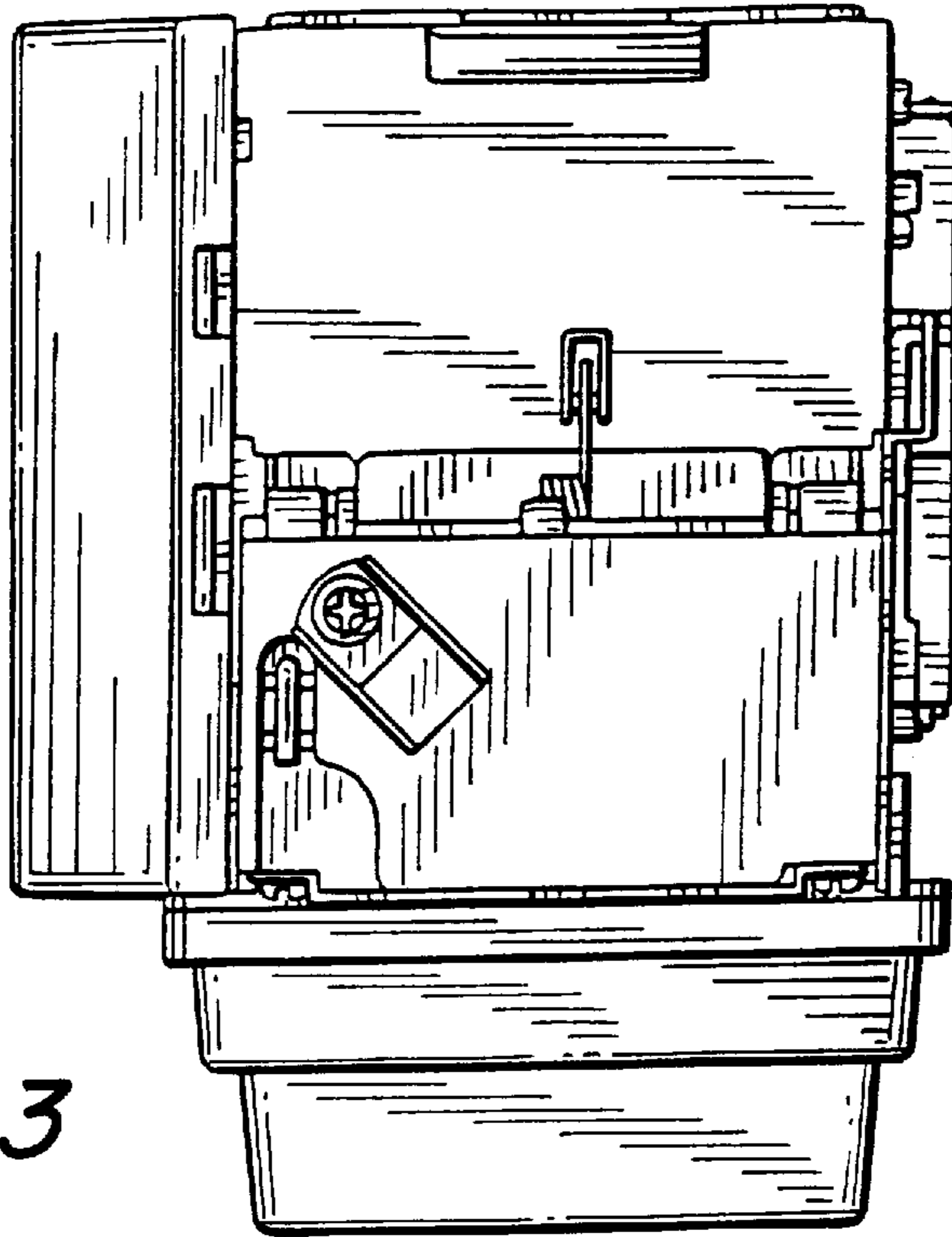
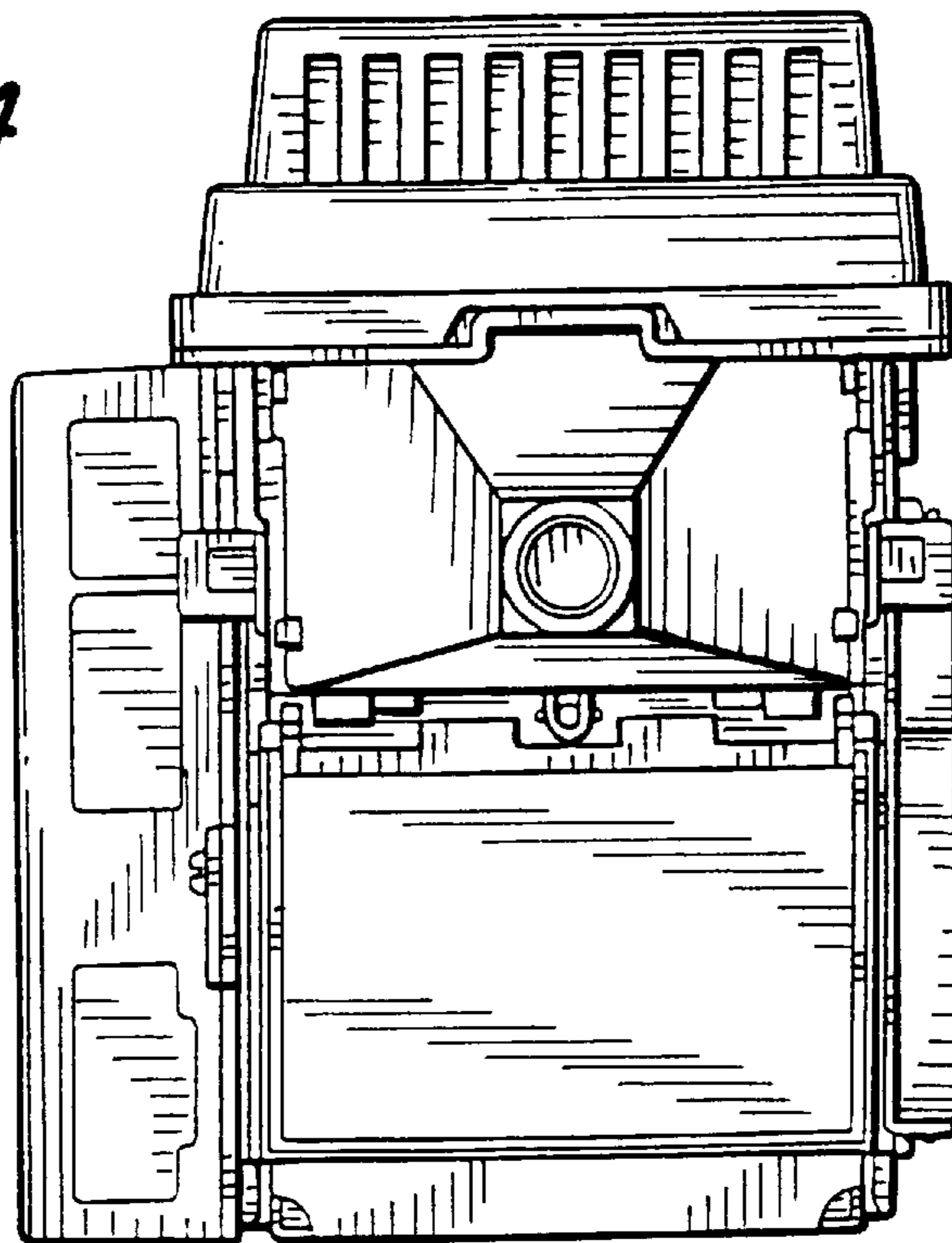


FIG. 2



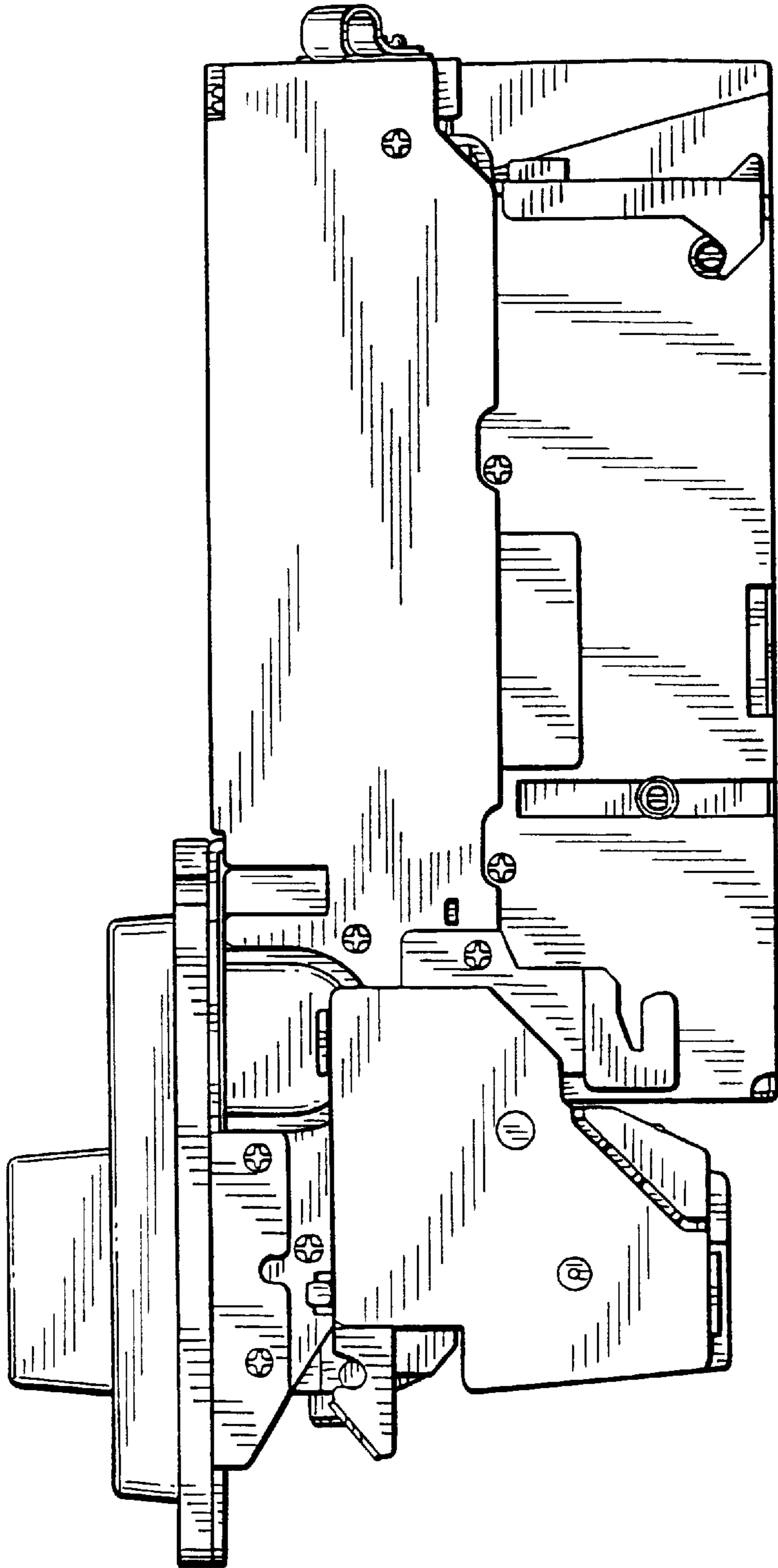


*FIG. 3*



*FIG. 4*

*FIG. 5*



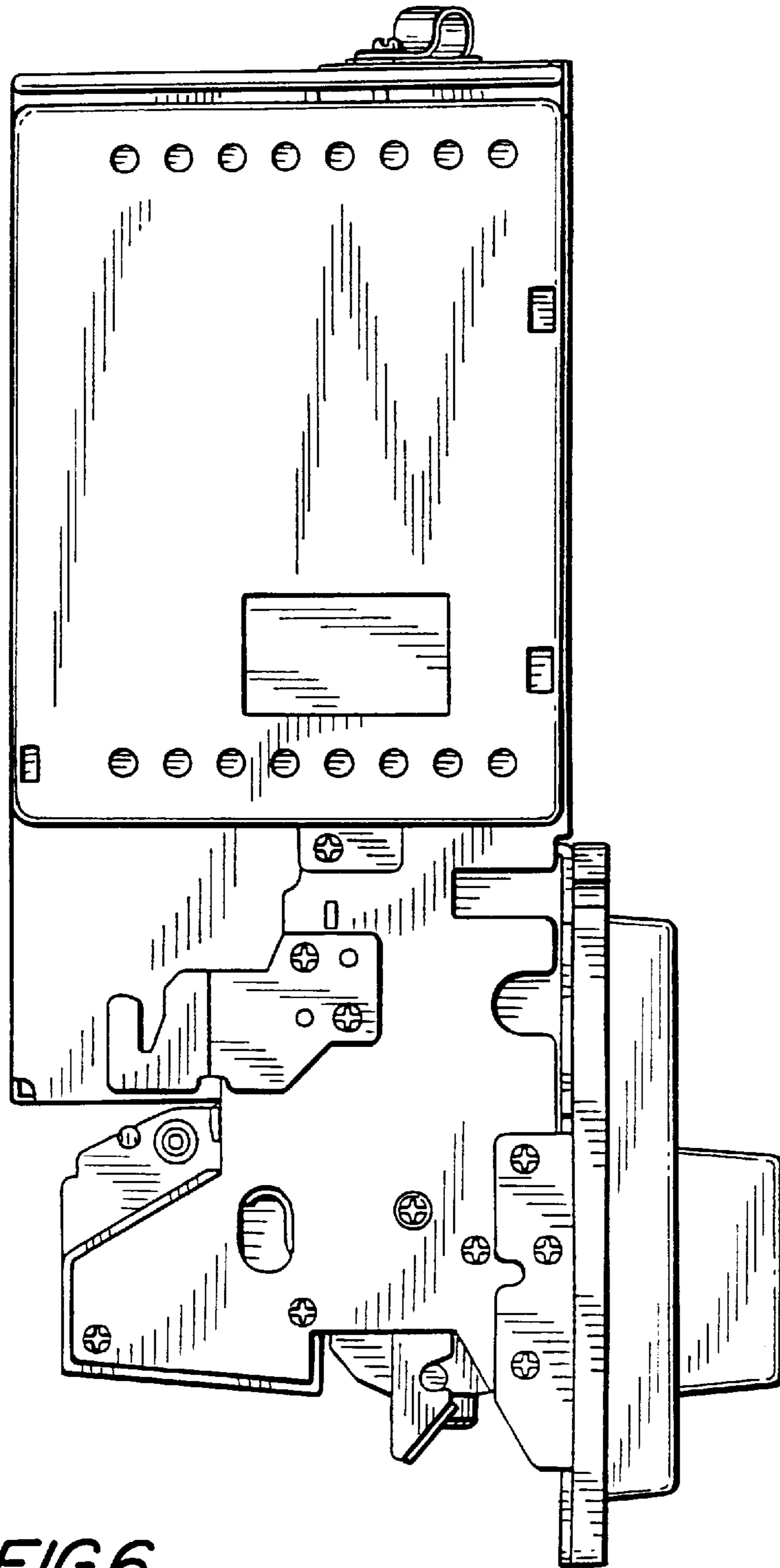


FIG. 6