



US00D510090S

(12) **United States Design Patent** (10) **Patent No.:** **US D510,090 S**
Obara et al. (45) **Date of Patent:** **** Sep. 27, 2005**

(54) **BAR CODE READER**

(75) Inventors: **Hiroshi Obara**, Kanagawa (JP);
Tomohiko Beppu, Kanagawa (JP);
Hitoshi Hattori, Kanagawa (JP);
Toshiyuki Furuta, Kanagawa (JP)

(73) Assignee: **Ricoh Company, Ltd.**, Tokyo (JP)

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

(21) Appl. No.: **29/200,065**

(22) Filed: **Feb. 24, 2004**

(30) **Foreign Application Priority Data**

Sep. 2, 2003 (JP) 2003-025576

(51) **LOC (8) Cl.** **14-02**

(52) **U.S. Cl.** **D14/420**

(58) **Field of Search** D14/420-425;
D18/36-39, 55; 358/474; 235/462.11, 462.14,
462.31, 462.43, 462.18, 462.36; 359/199,
213, 214

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D194,565 S * 2/1963 Stark D16/250
- D197,996 S * 4/1964 Abend et al. D18/36
- 3,774,014 A * 11/1973 Berler 235/462.11
- 4,312,578 A * 1/1982 Wells et al. 353/79
- D277,101 S * 1/1985 Hara et al. D14/422
- 4,777,533 A * 10/1988 Watanabe 358/476
- 4,797,106 A * 1/1989 Umehara et al. 434/408
- 4,803,564 A * 2/1989 Sakai 358/497
- 4,812,914 A * 3/1989 Isobe 358/497

- D330,042 S * 10/1992 Yamaguchi et al. D18/36
- 5,235,168 A * 8/1993 Bobba 235/462.43
- 5,548,417 A * 8/1996 Sekimoto et al. 358/474
- 5,559,319 A * 9/1996 Peng 235/462.36
- D389,463 S * 1/1998 Kasahara D14/425
- D390,861 S * 2/1998 Liao D16/225
- D396,452 S * 7/1998 Naruki D14/424
- D401,614 S * 11/1998 Moriyama D18/36
- 5,835,201 A * 11/1998 Itano et al. 355/75
- 5,886,336 A * 3/1999 Tang et al. 235/462.43
- 6,085,979 A * 7/2000 Maddox 235/462.13
- 6,237,852 B1 * 5/2001 Svetal et al. 235/462.43
- 6,239,863 B1 * 5/2001 Catey et al. 355/75
- 2002/0100805 A1 * 8/2002 Detwiler 235/462.14

* cited by examiner

Primary Examiner—Stella Reid

Assistant Examiner—Susan Moon Lee

(74) *Attorney, Agent, or Firm*—Dickstein Shapiro Morin & Oshinsky LLP

(57) **CLAIM**

The ornamental design for a bar code reader, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation of a bar code reader according to the present invention;
 FIG. 2 is a rear elevation thereof;
 FIG. 3 is a top plan view thereof;
 FIG. 4 is a bottom plan view thereof;
 FIG. 5 is a right side elevation thereof;
 FIG. 6 is a left side elevation thereof; and,
 FIG. 7 is a top, front and right side perspective view thereof.

1 Claim, 5 Drawing Sheets

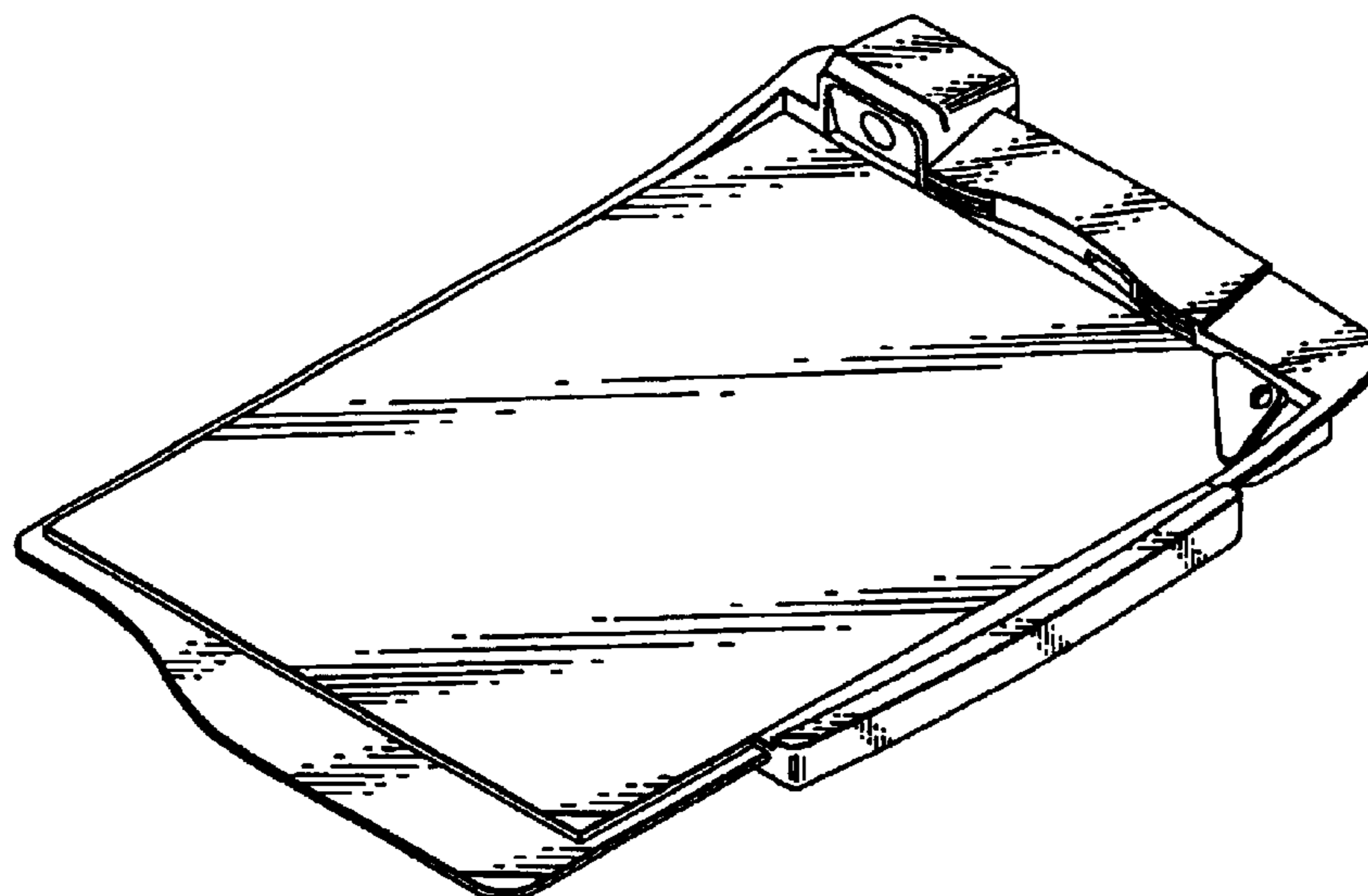


FIG. 1

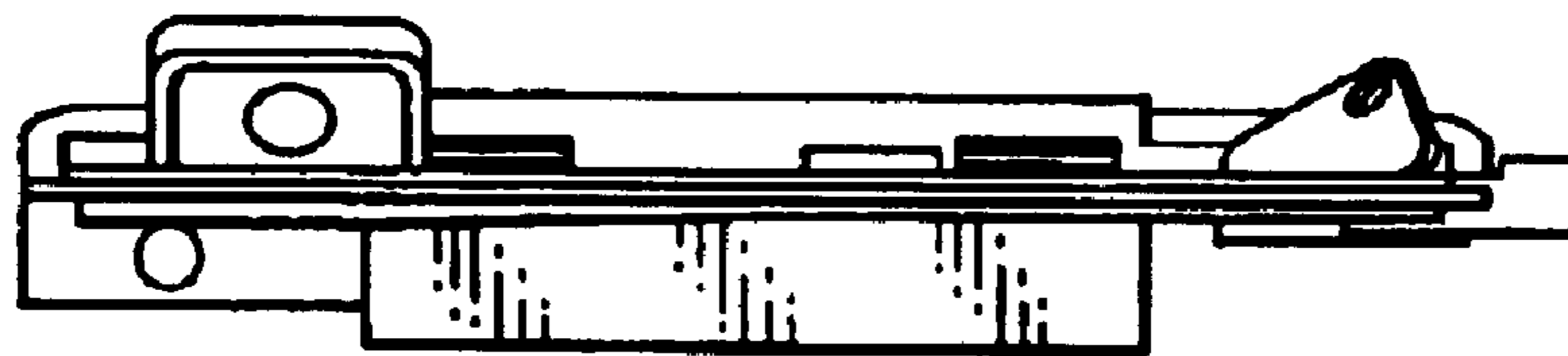


FIG. 2

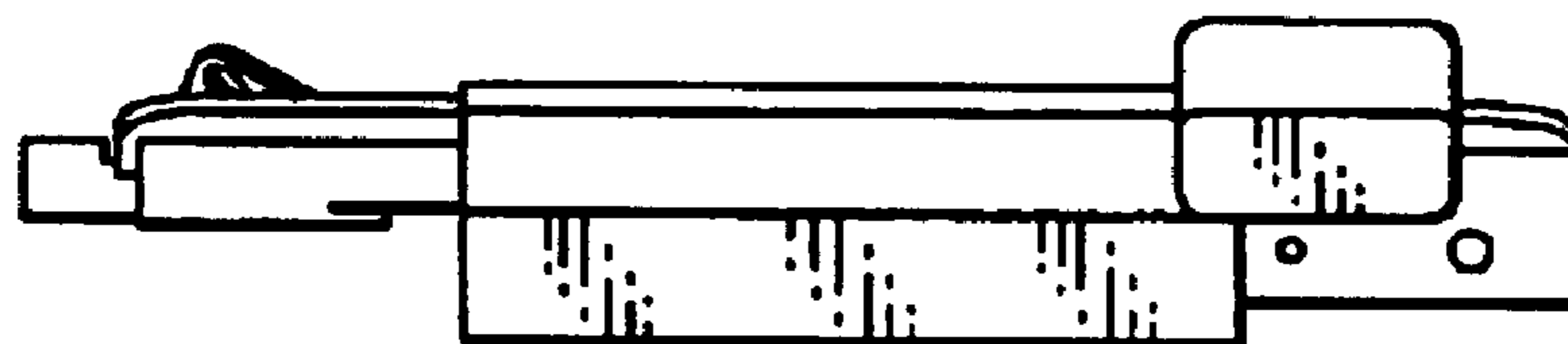


FIG. 3

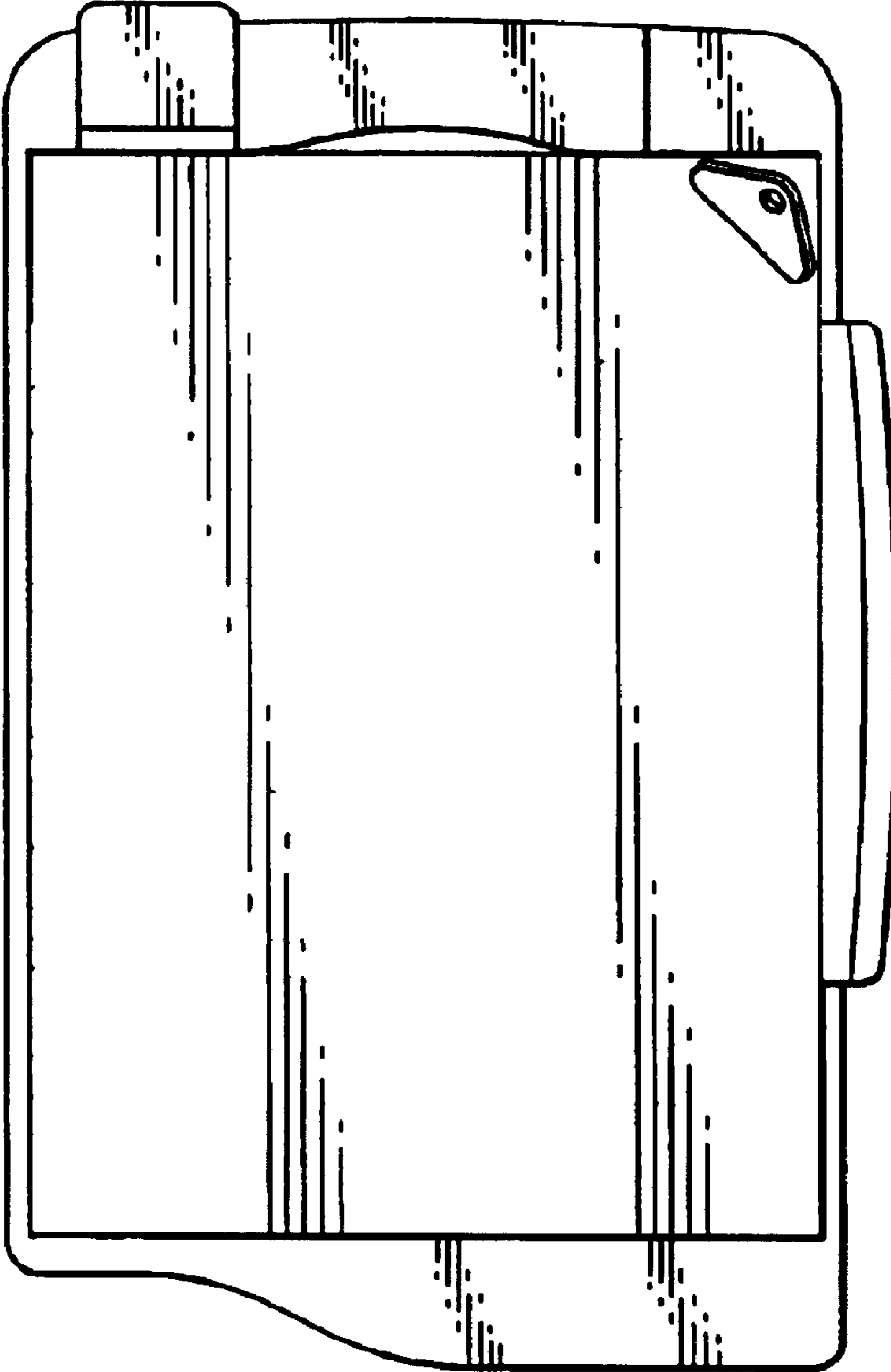


FIG. 4

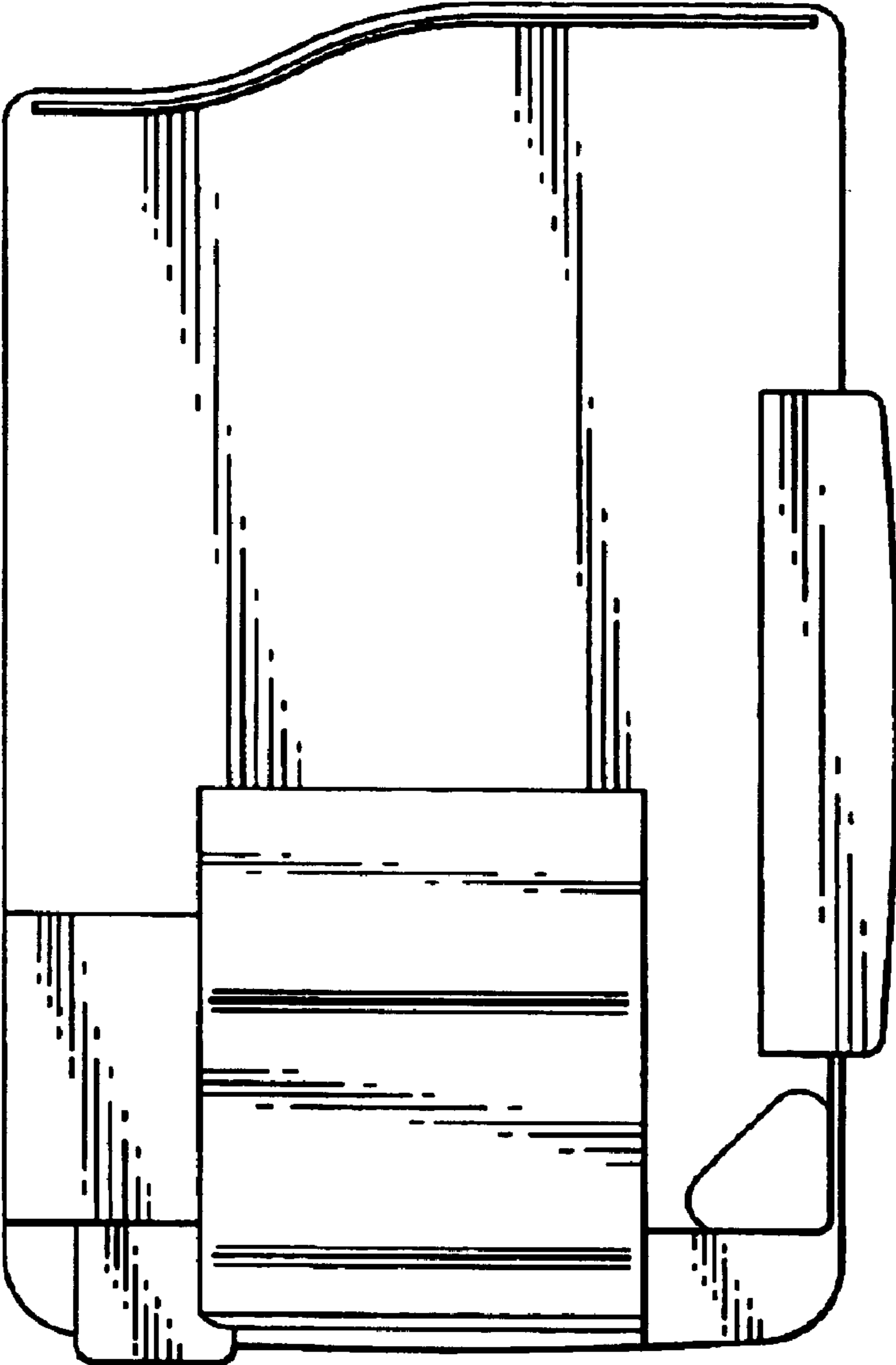


FIG. 5

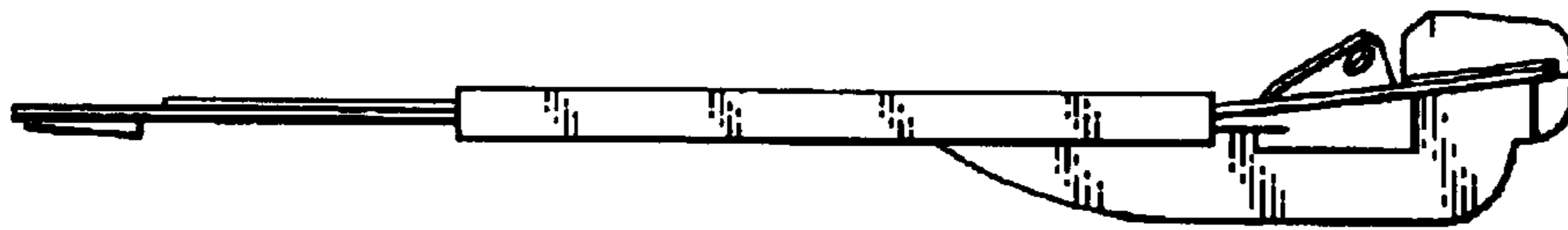


FIG. 6

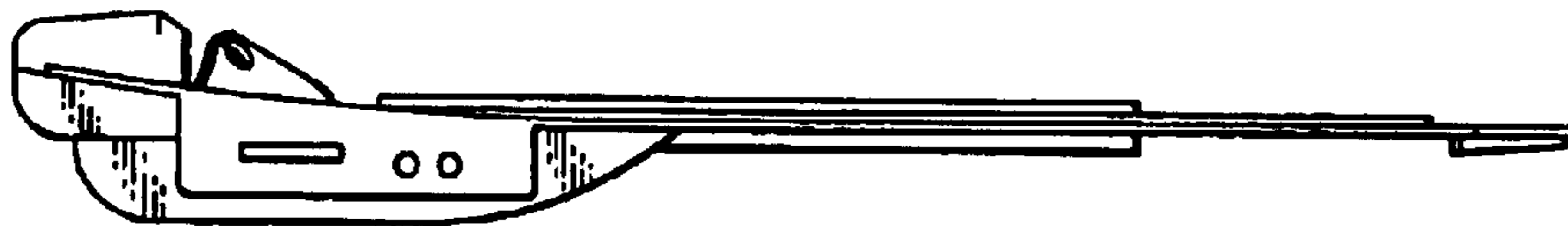


FIG. 7

