



US00D454837S

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

(10) **Patent No.:** **US D454,837 S**  
(45) **Date of Patent:** **\*\* Mar. 26, 2002**

(54) **BATTERY CHARGER**

(75) Inventors: **Masato Ibuki; Tsushima Takada**, both of Kyoto (JP)

(73) Assignee: **Nintendo Co., Ltd.** (JP)

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

(21) Appl. No.: **29/144,429**

(22) Filed: **Jul. 3, 2001**

(30) **Foreign Application Priority Data**

Jan. 12, 2001 (JP) ..... 2001-000270

(51) **LOC (7) Cl.** ..... **13-02**

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

(58) **Field of Search** ..... D13/106, 107;  
320/107-115

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 5,019,767 A 5/1991 Shirai et al.
- D331,220 S \* 11/1992 Tsuchiya ..... D13/107
- 5,550,452 A 8/1996 Shirai et al.
- D412,487 S \* 8/1999 Nagele et al. .... D13/108
- D428,862 S \* 8/2000 Queffelec et al. .... D13/184
- D442,544 S \* 5/2001 Ku ..... D13/107

**FOREIGN PATENT DOCUMENTS**

JP 2000285890 \* 10/2000 ..... H01M/10/46

**OTHER PUBLICATIONS**

Jeckson Electric Co Ltd—20-00061 All-in-One Battery Charger, AC Adapter and DC Power Supply—www.asia-globalsources.com—Accessed Sunday, Oct. 21, 2001.\*

Vanson Electronics Ltd—V-2000 Computerized Super Fast Battery Charger Comes with Timer Control—www.asia-globalsources.com—Accessed Sunday, Oct. 21, 2001.\*

\* cited by examiner

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(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front, right and top perspective view of a battery charger showing our new design, a lid being closed;

FIG. 2 is a rear, left and bottom perspective view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a right side view thereof, a left side being a mirror image;

FIG. 8 is a front, right and top perspective view of a battery charger showing our new design, the lid being opened;

FIG. 9 is a front elevational view thereof; a plug being stood;

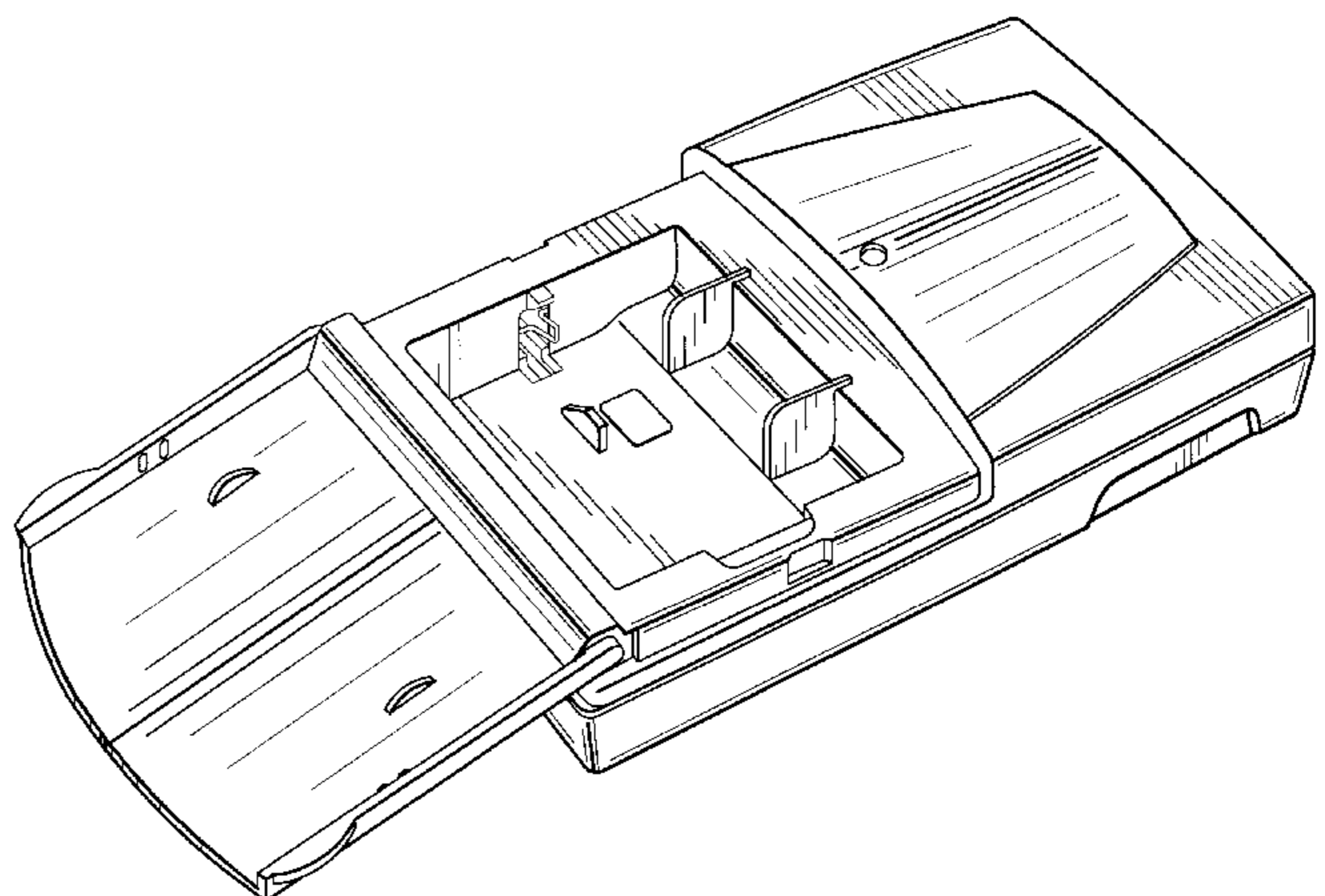
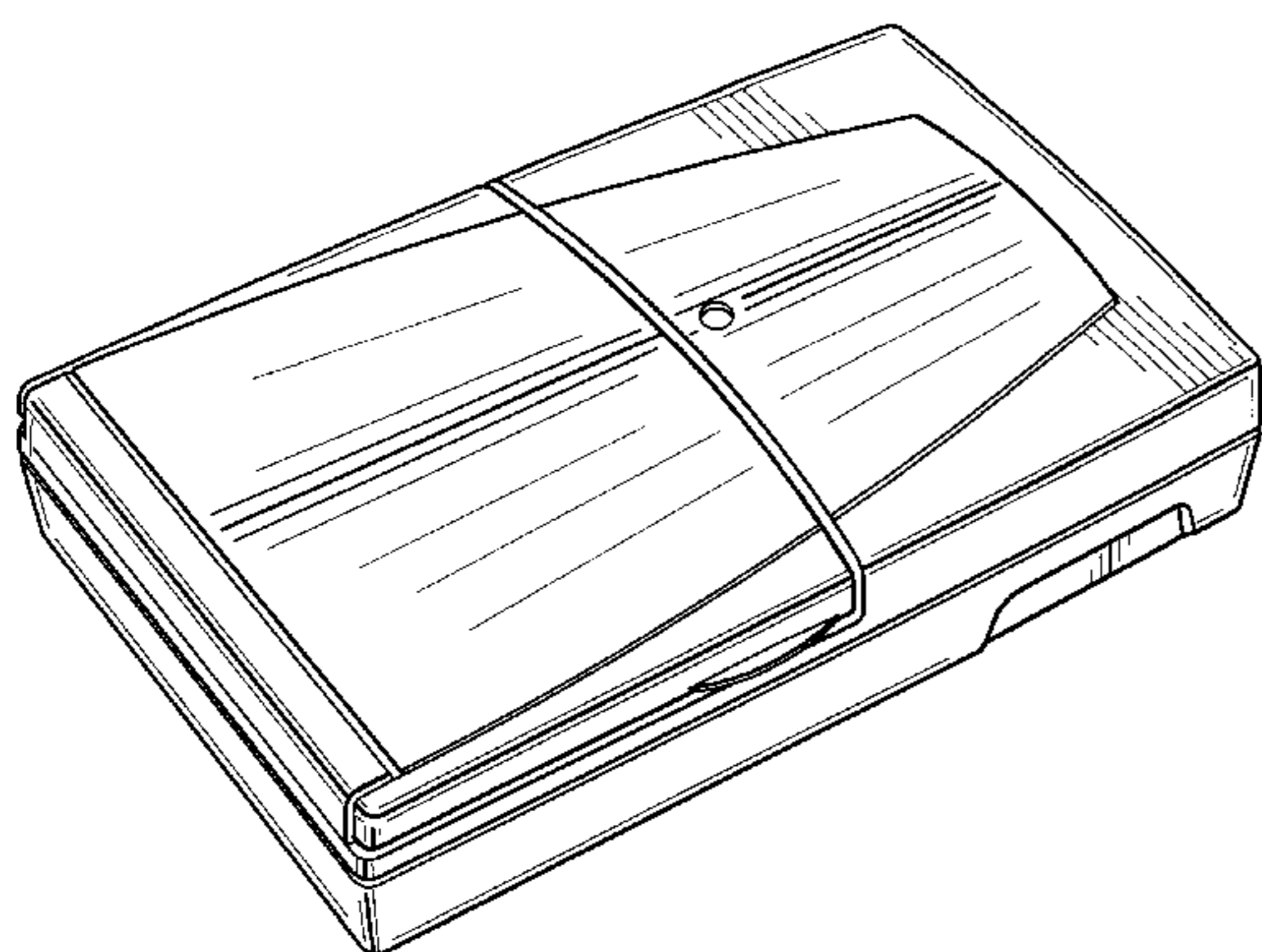
FIG. 10 is a rear elevational view thereof;

FIG. 11 is a top plan view thereof;

FIG. 12 is a bottom plan view thereof; and,

FIG. 13 is a right side view thereof, a left side being a mirror image.

**1 Claim, 8 Drawing Sheets**



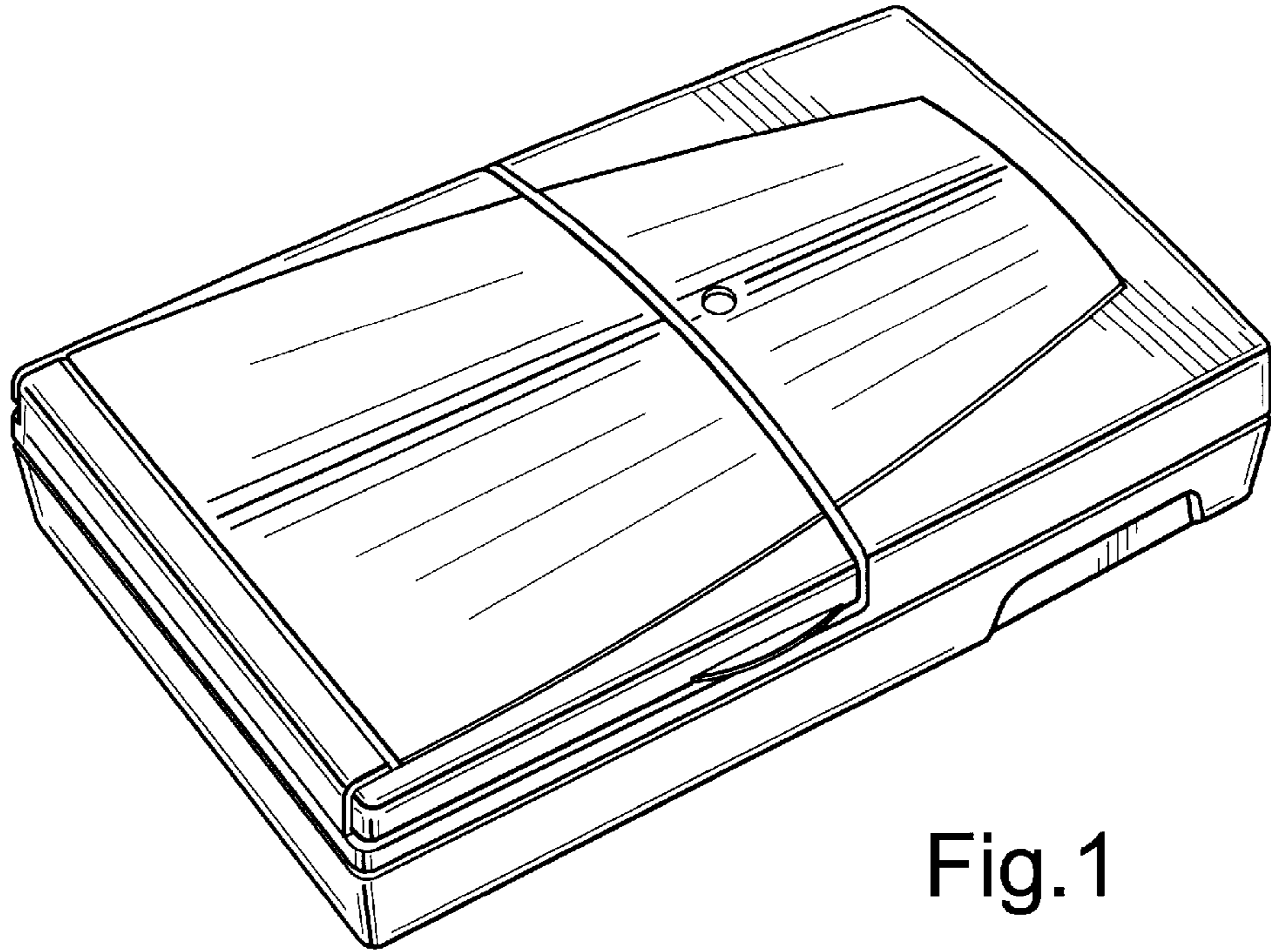


Fig.1

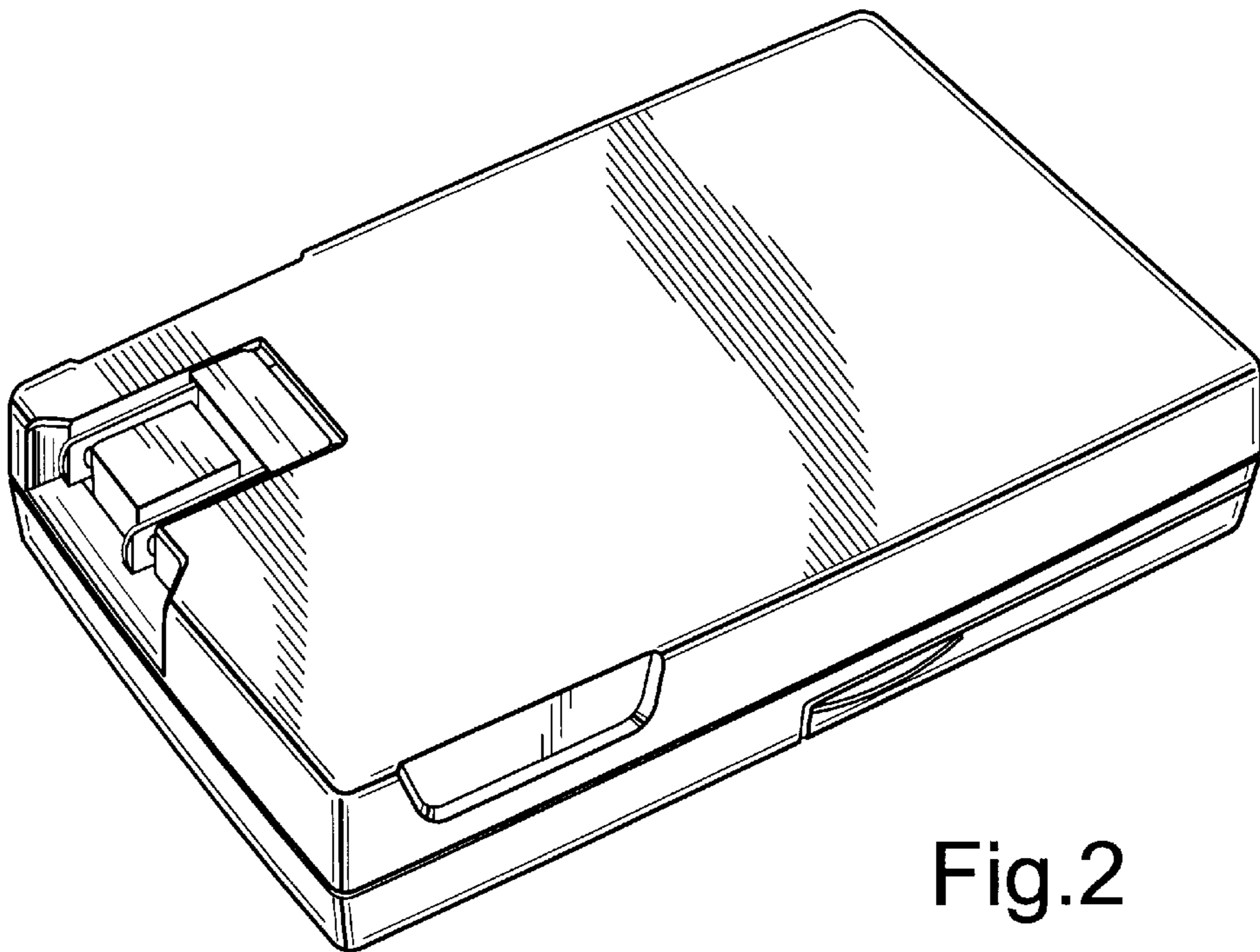


Fig.2

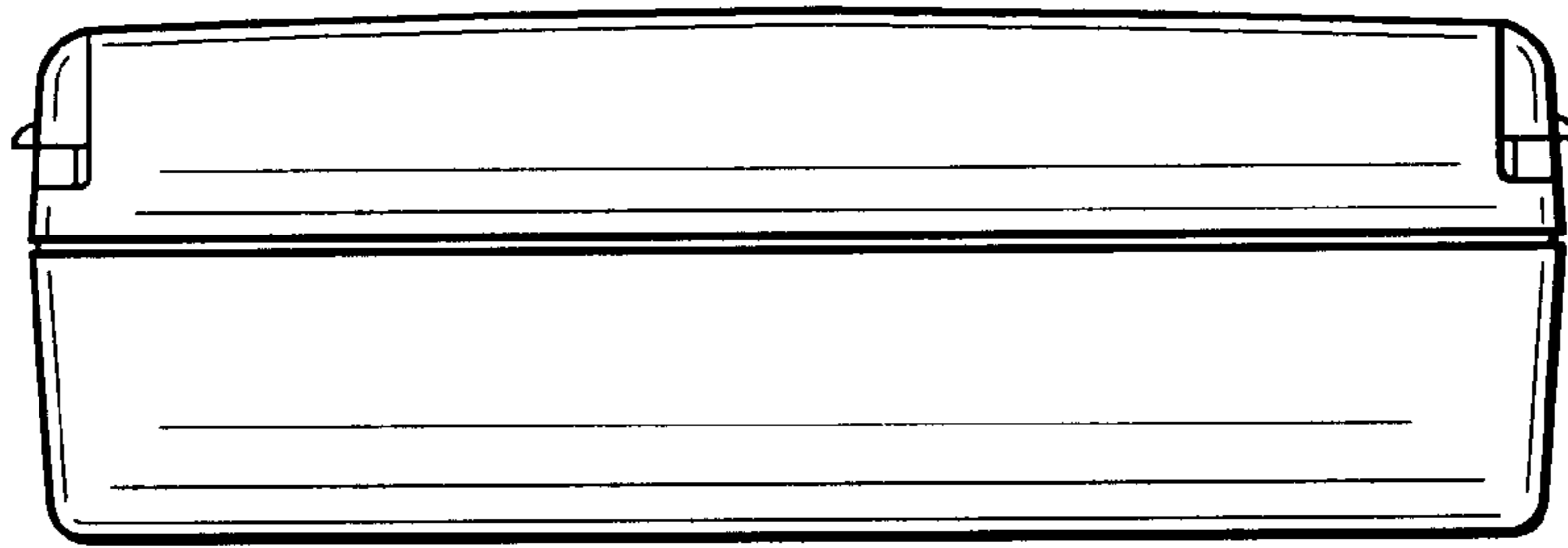


Fig.3

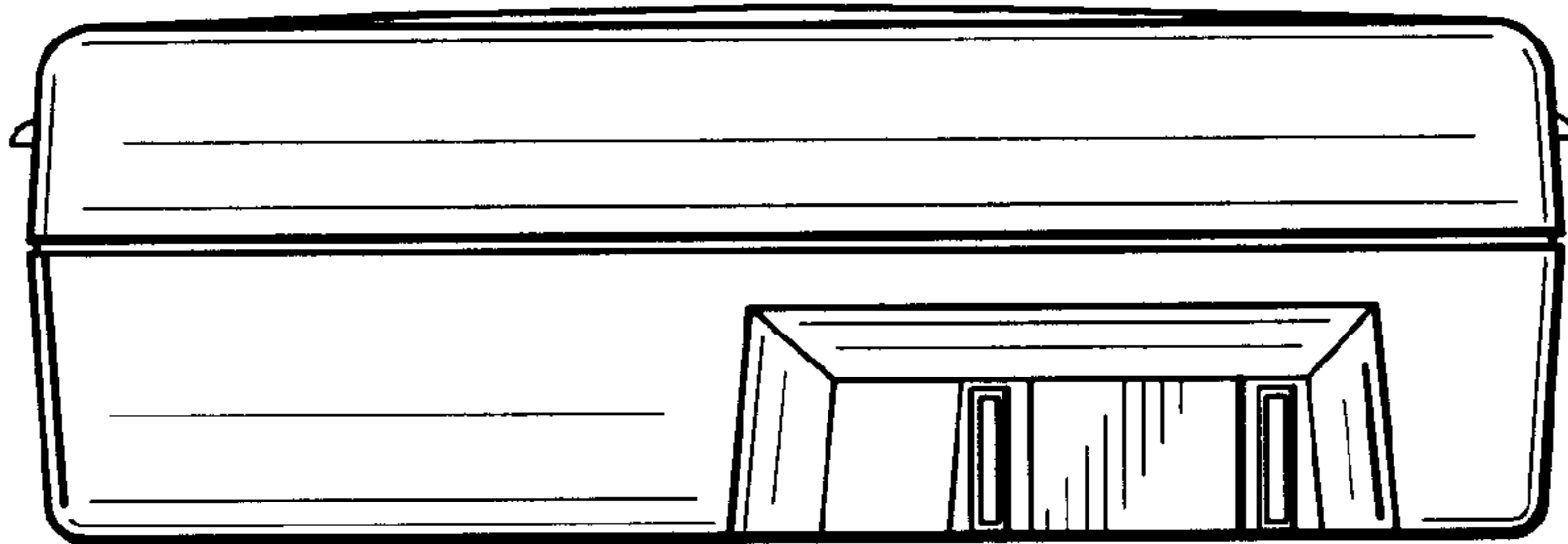


Fig.4

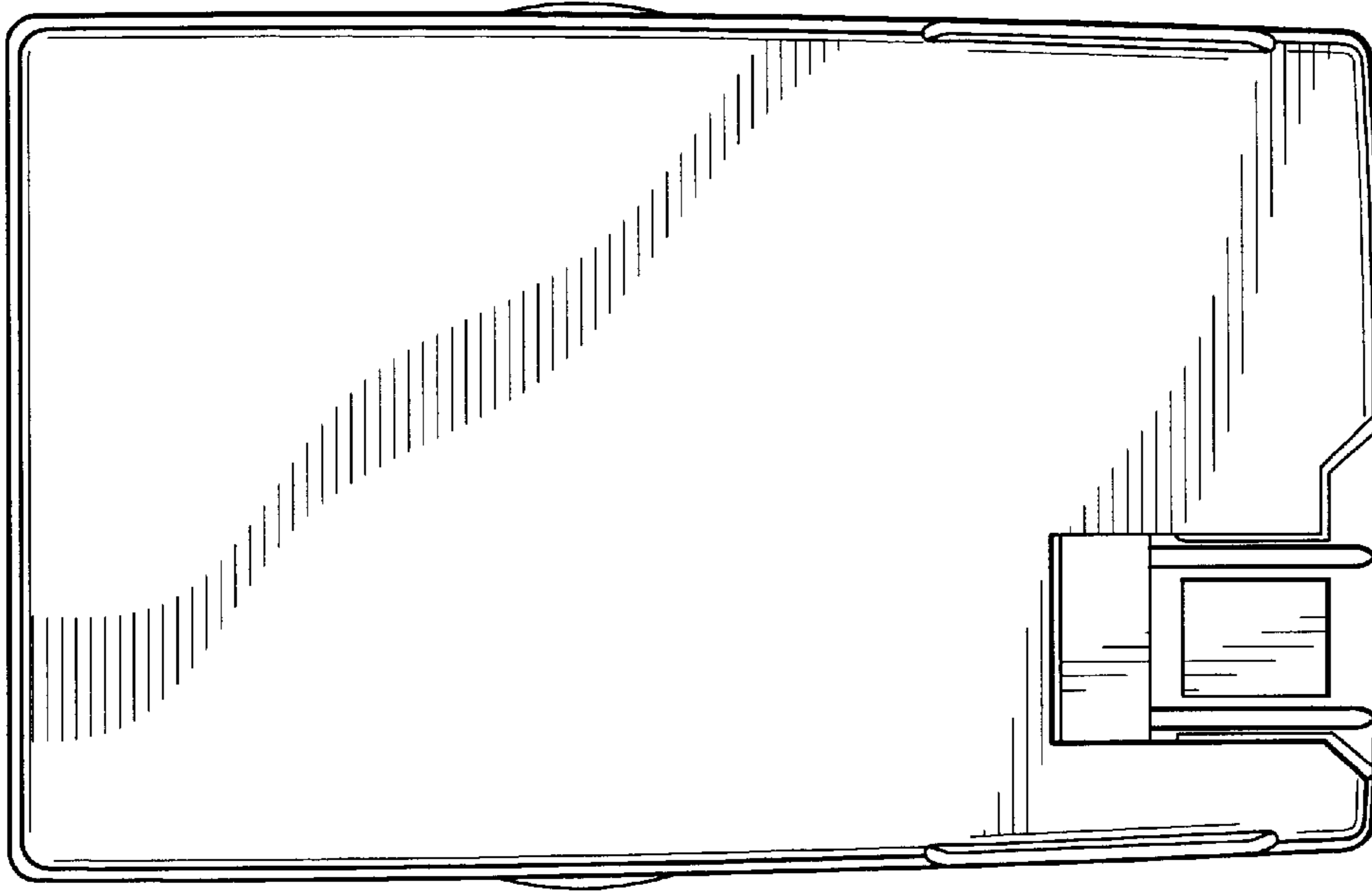


Fig. 5

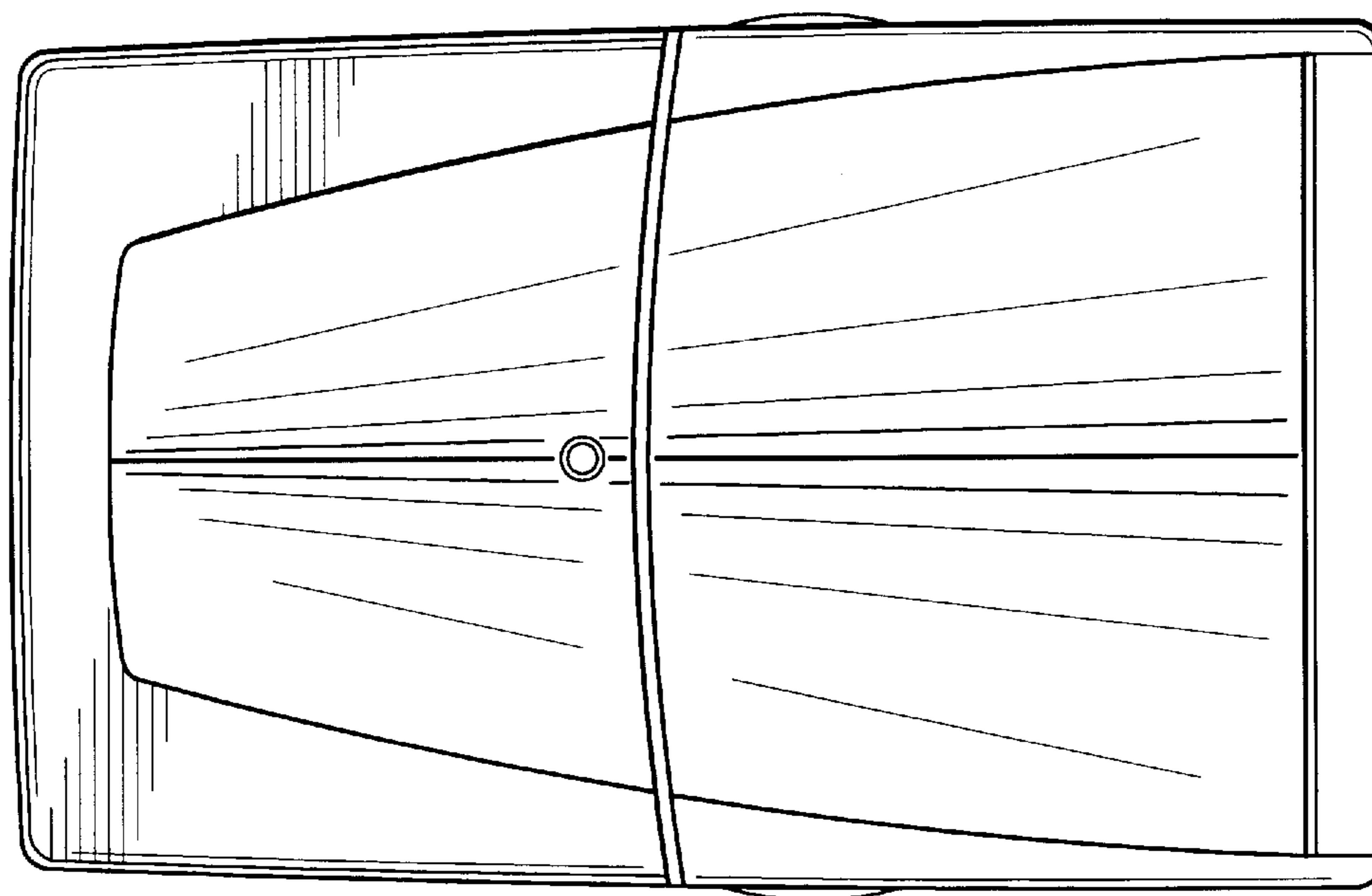


Fig. 6

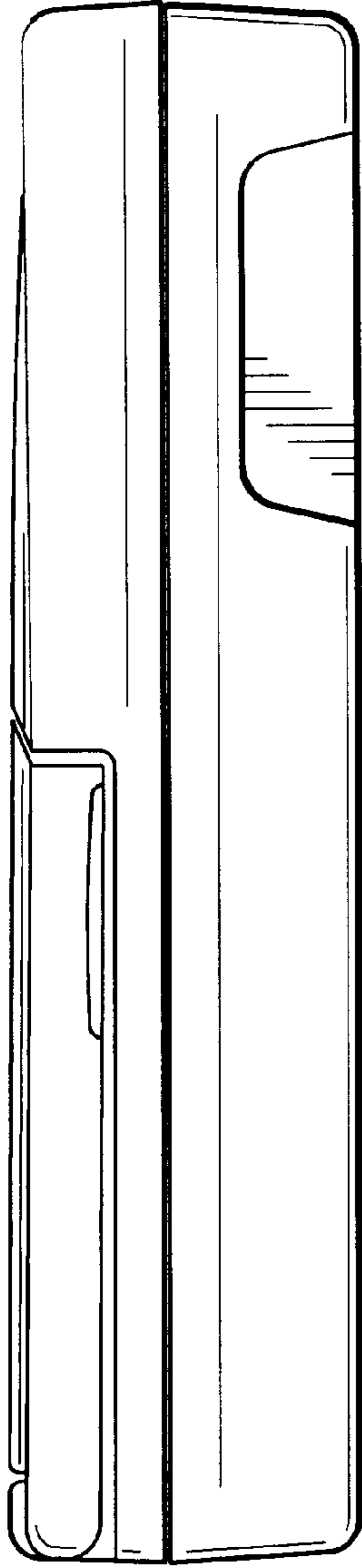


Fig. 7

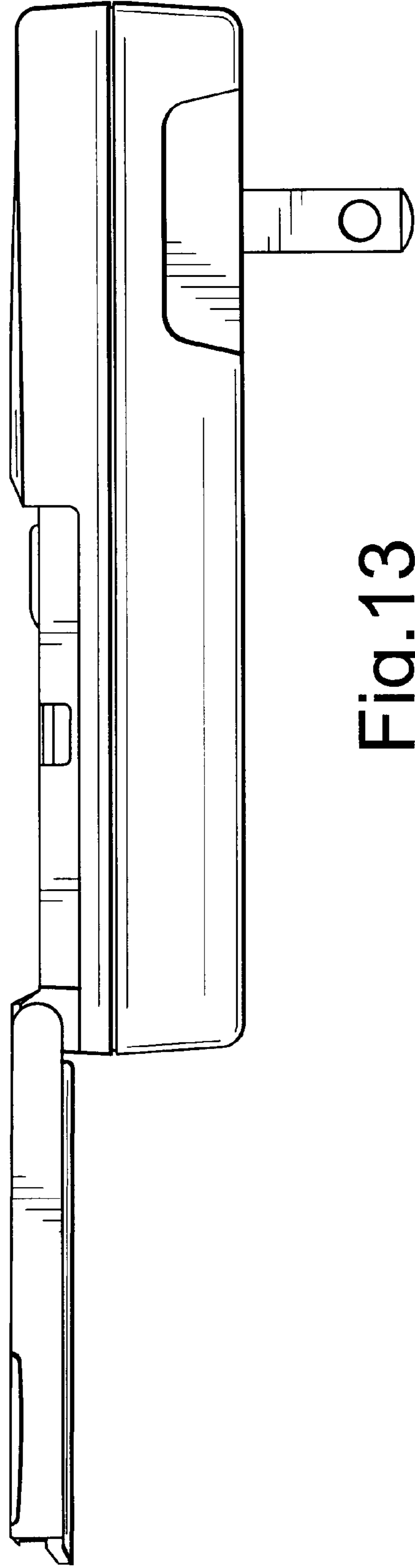


Fig. 13

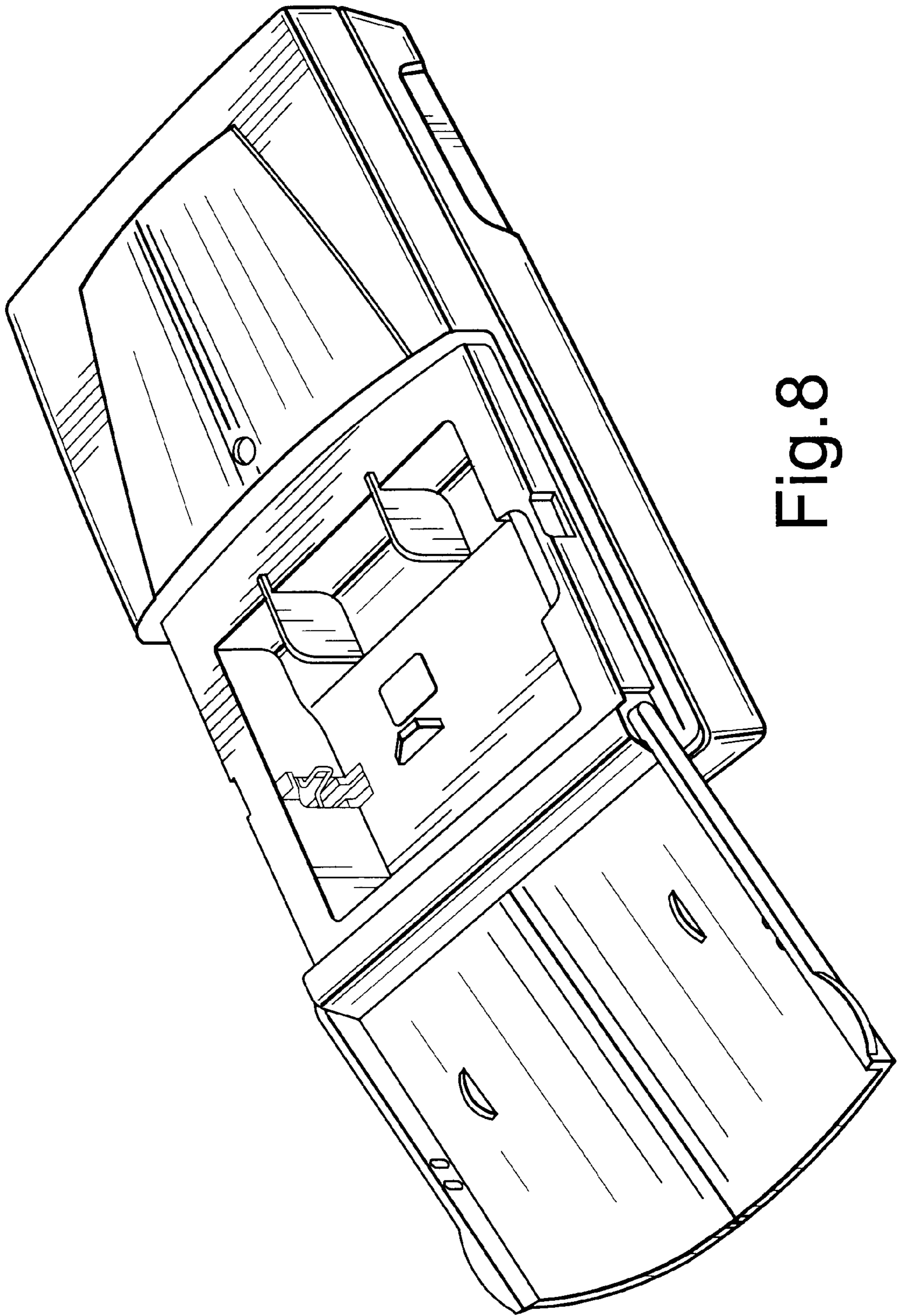


Fig. 8

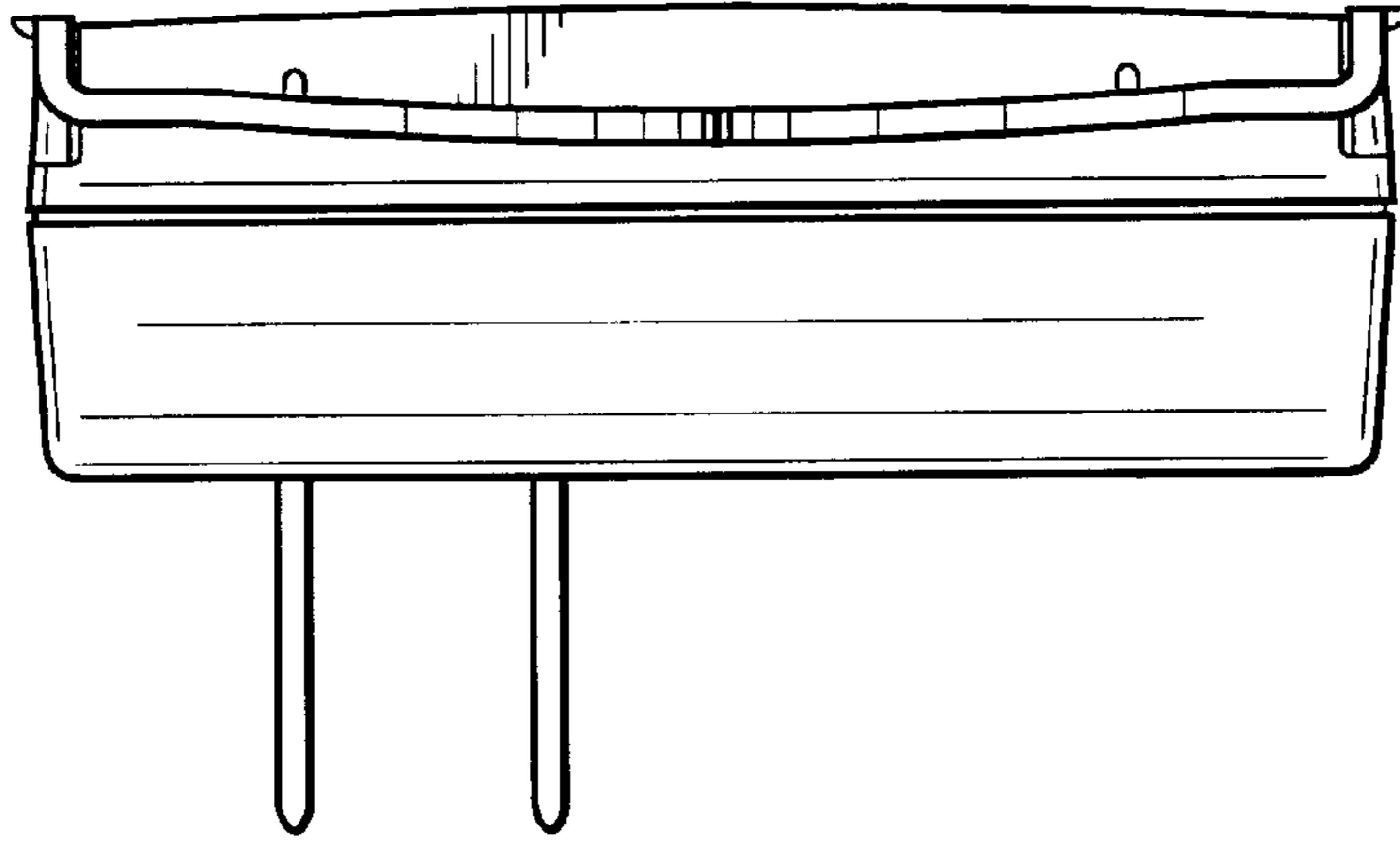


Fig.9

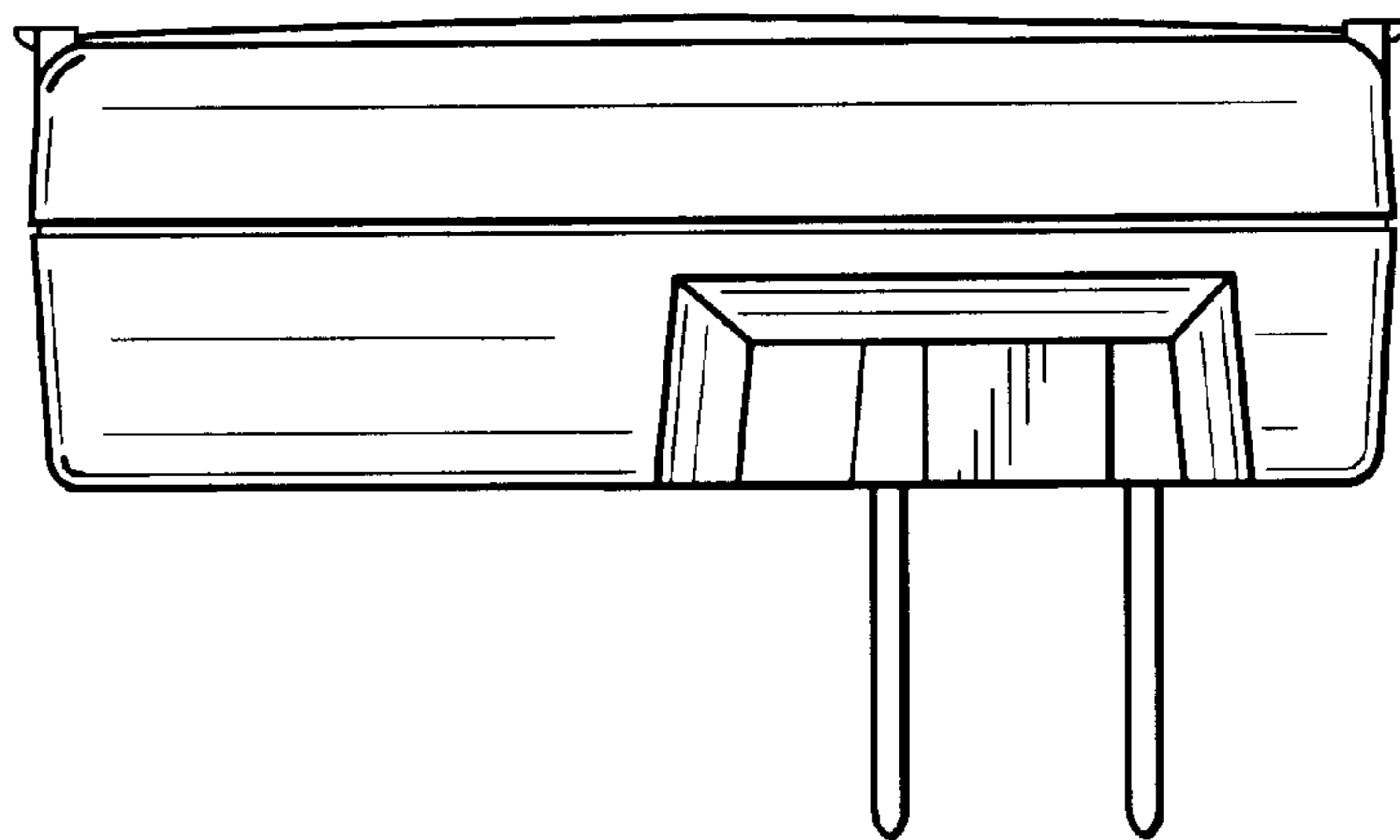


Fig.10

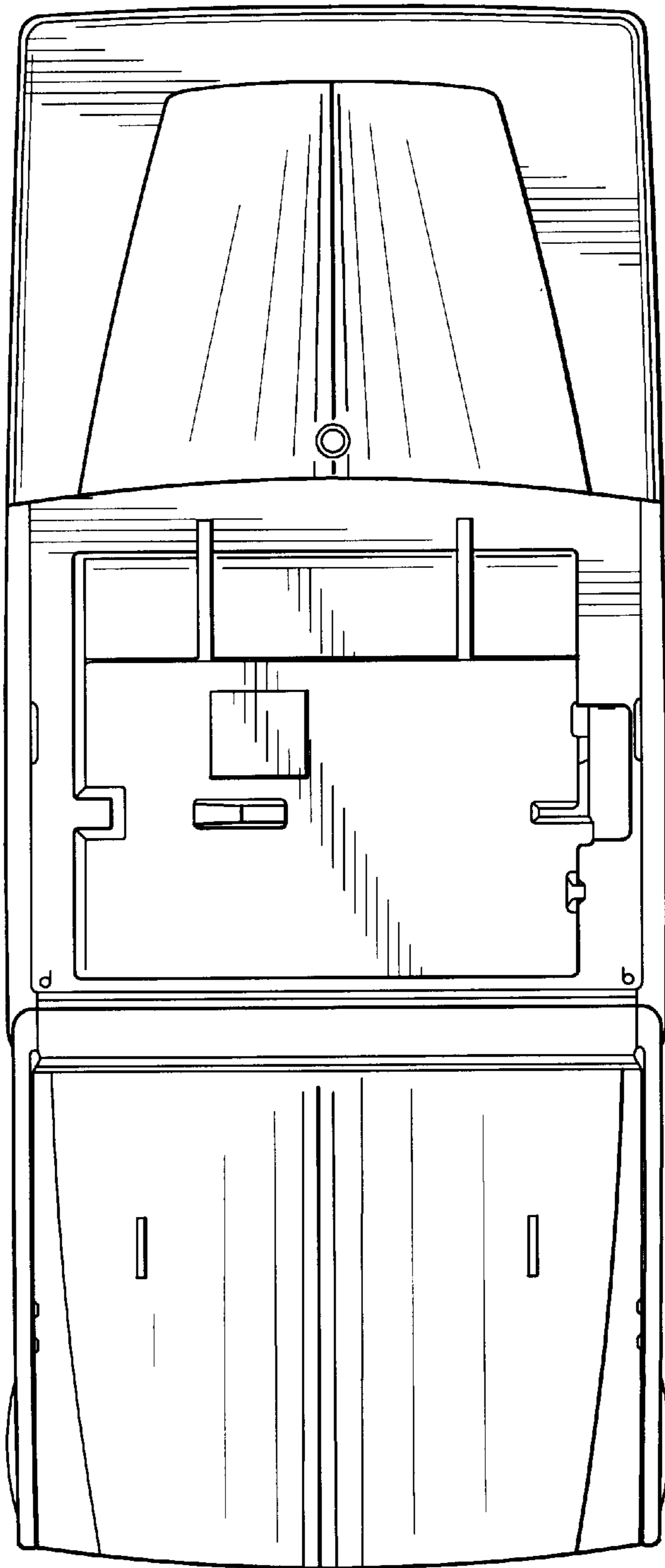


Fig.11



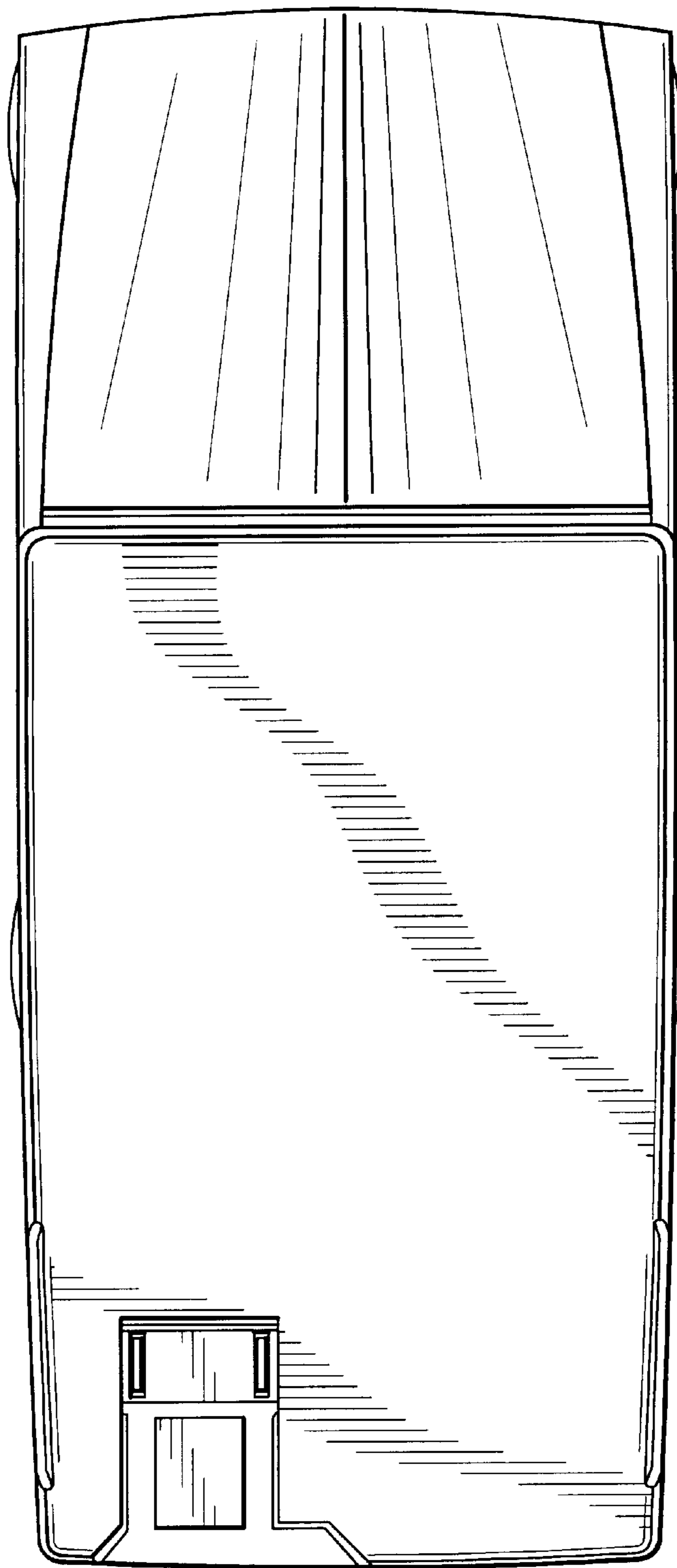


Fig.12