



US00D373779S

United States Patent [19]

Takahashi et al.

[11] Patent Number: **Des. 373,779**

[45] Date of Patent: ****Sep. 17, 1996**

[54] **COMBINED OVERHEAD PROJECTOR AND AUTOMATIC FILM FEEDING UNIT**

1431542 4/1976 United Kingdom 353/DIG. 5
2060193 4/1981 United Kingdom 353/DIG. 5

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[73] Assignee: **Plus Corporation**, Tokyo, Japan

[57] **CLAIM**

[**] Term: **14 Years**

The ornamental design for an combined overhead projector and automatic film feeding unit, as shown and described.

[21] Appl. No.: **38,201**

DESCRIPTION

[22] Filed: **May 1, 1995**

FIG. 1 is a top plan view of a combined overhead projector and automatic film feeding unit showing our new design; FIG. 2 is a bottom plan view thereof; FIG. 3 is a right side view thereof; FIG. 4 is a left side view thereof; FIG. 5 is a front view thereof; FIG. 6 is a cross-sectional view taken along the line 6—6 of FIG. 1, omitting the inside mechanism for ease of illustration; FIG. 7 is a cross-sectional view taken along the line 7—7 of FIG. 1, omitting the inside mechanism for ease of illustration; FIG. 8 is a rear view thereof; FIG. 9 is a cross-sectional view taken along the line 9—9 of FIG. 1, omitting the inside mechanism for ease of illustration; and, FIG. 10 is a perspective view thereof.

[30] **Foreign Application Priority Data**

Oct. 31, 1994 [JP] Japan 6-33210

[52] U.S. Cl. **D16/232; D16/246**

[58] Field of Search D16/221, 232, D16/235, 237, 246; 353/61, 66, 119, 122, DIG. 2, DIG. 3, DIG. 4, DIG. 5

[56] **References Cited**

U.S. PATENT DOCUMENTS

- D. 271,208 11/1983 Daggett et al. D16/235
- D. 307,030 4/1990 Kyhl D16/232
- 4,942,411 7/1990 Polston 353/26 R
- 5,339,122 8/1994 Polak et al. 353/DIG. 5

FOREIGN PATENT DOCUMENTS

59-202442 11/1984 Japan 353/DIG. 5

1 Claim, 8 Drawing Sheets

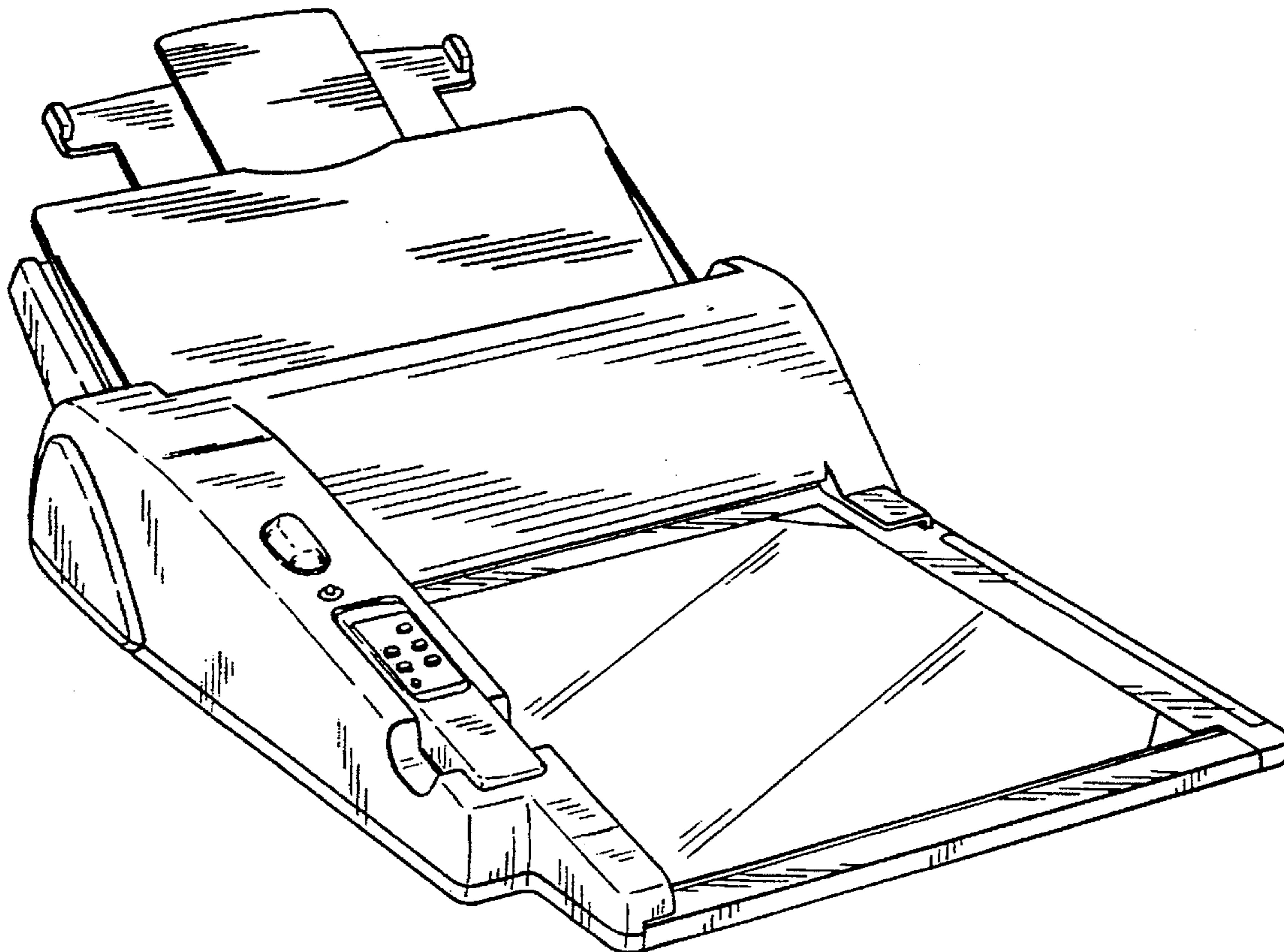


Fig. 1.

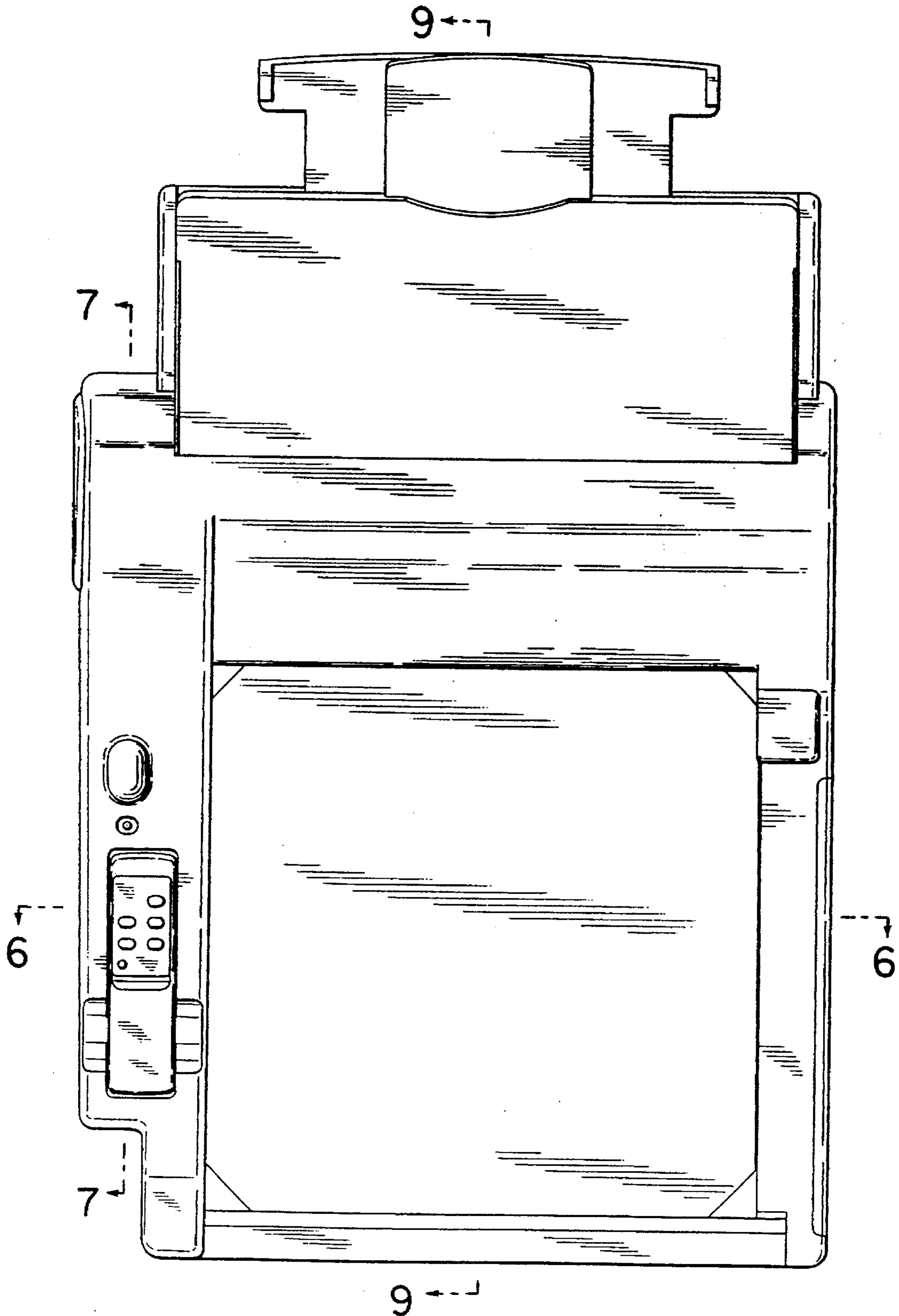


Fig. 2.

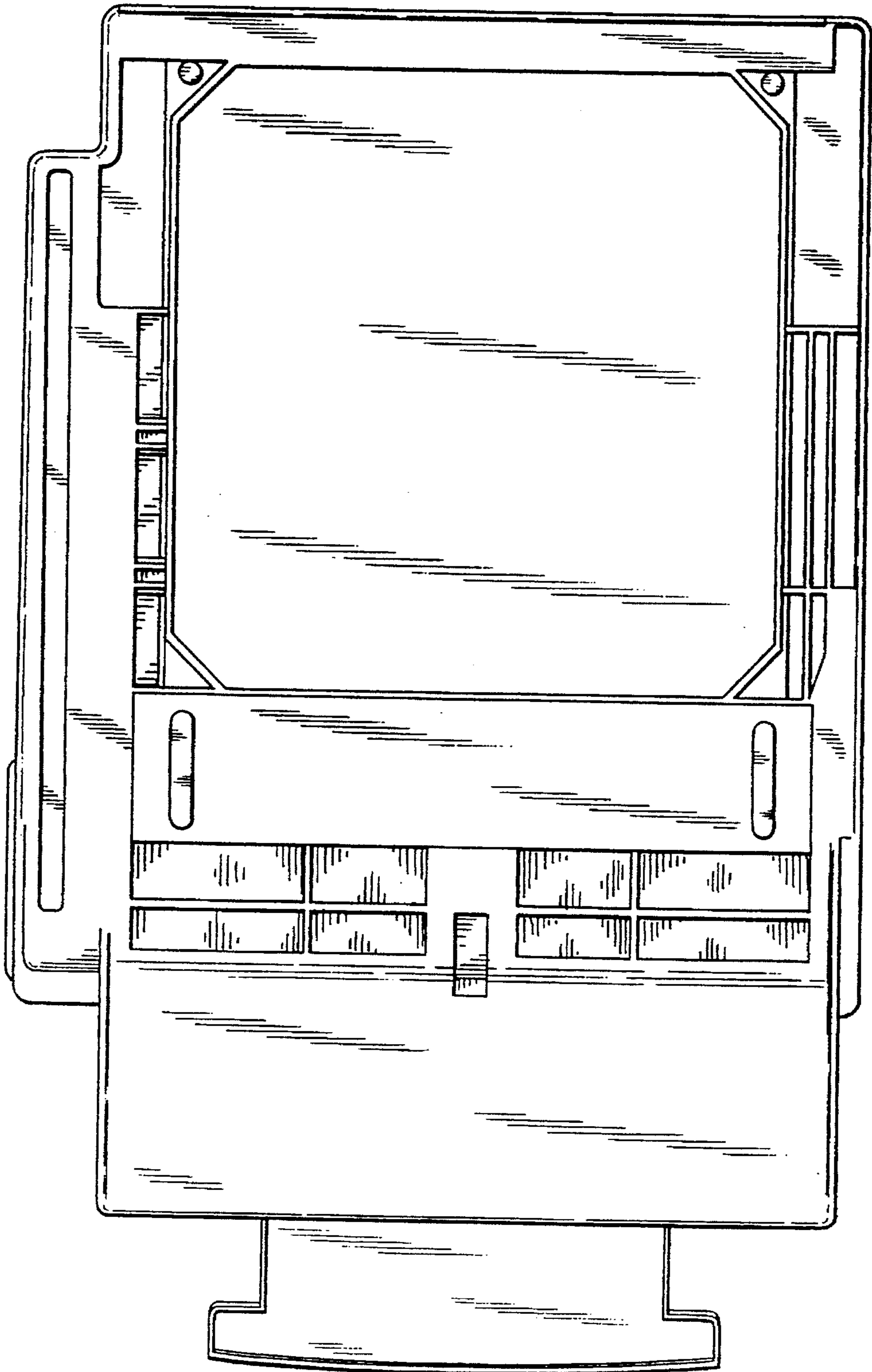


Fig. 3.

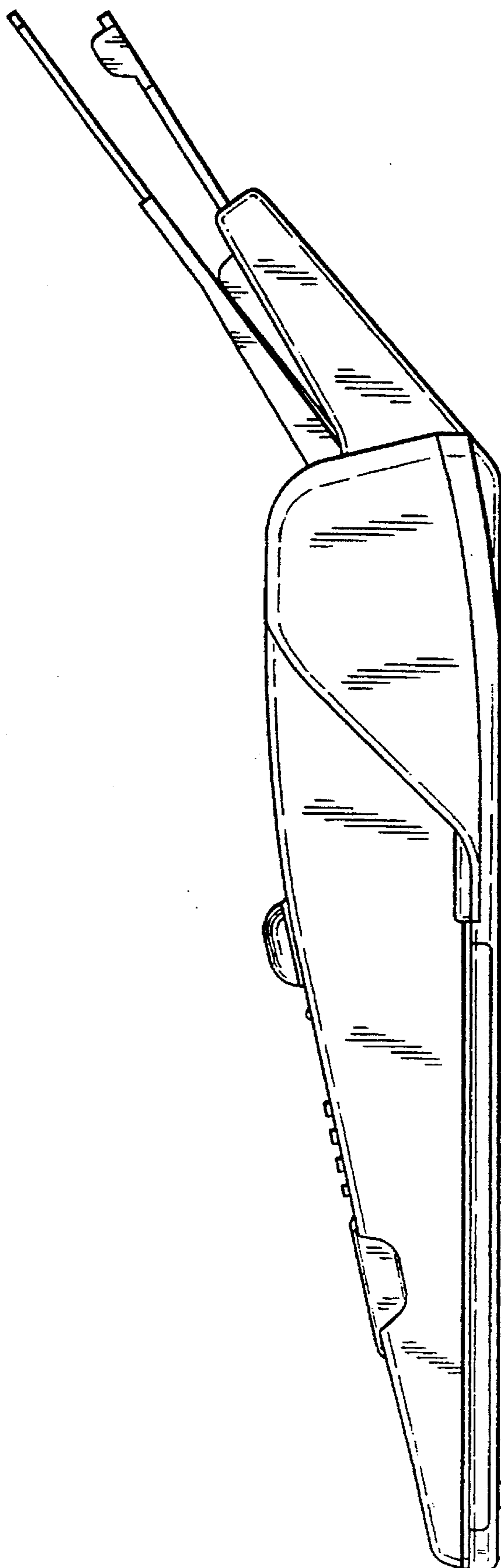


Fig. 4.

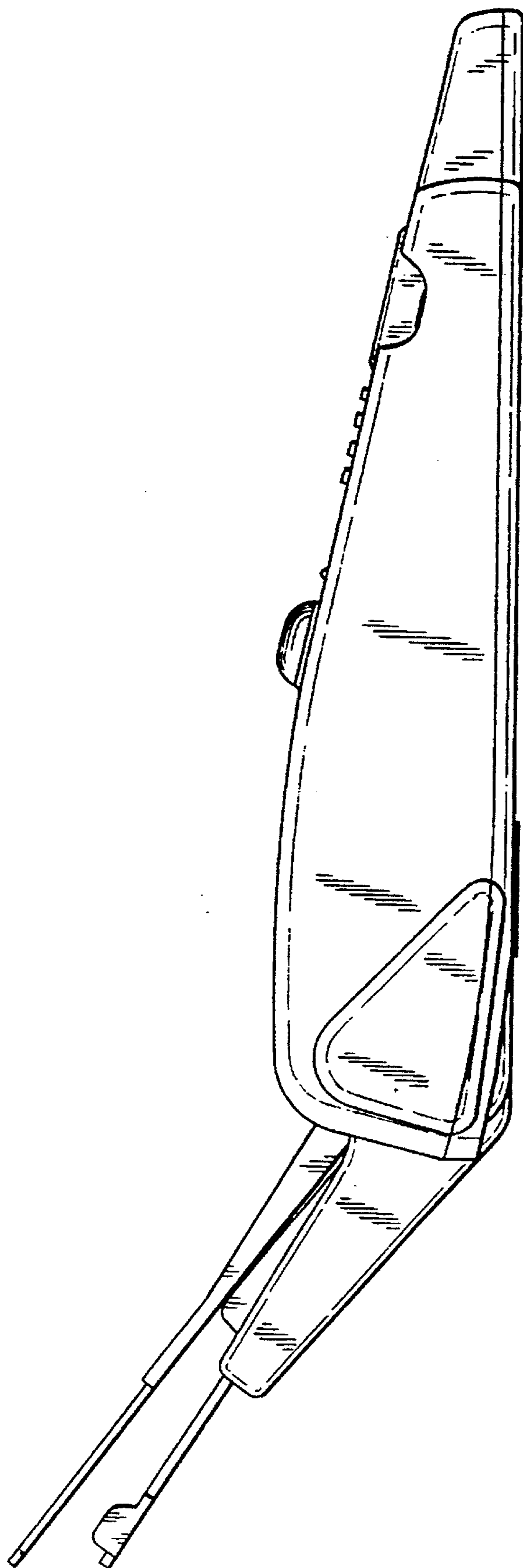


Fig. 5.

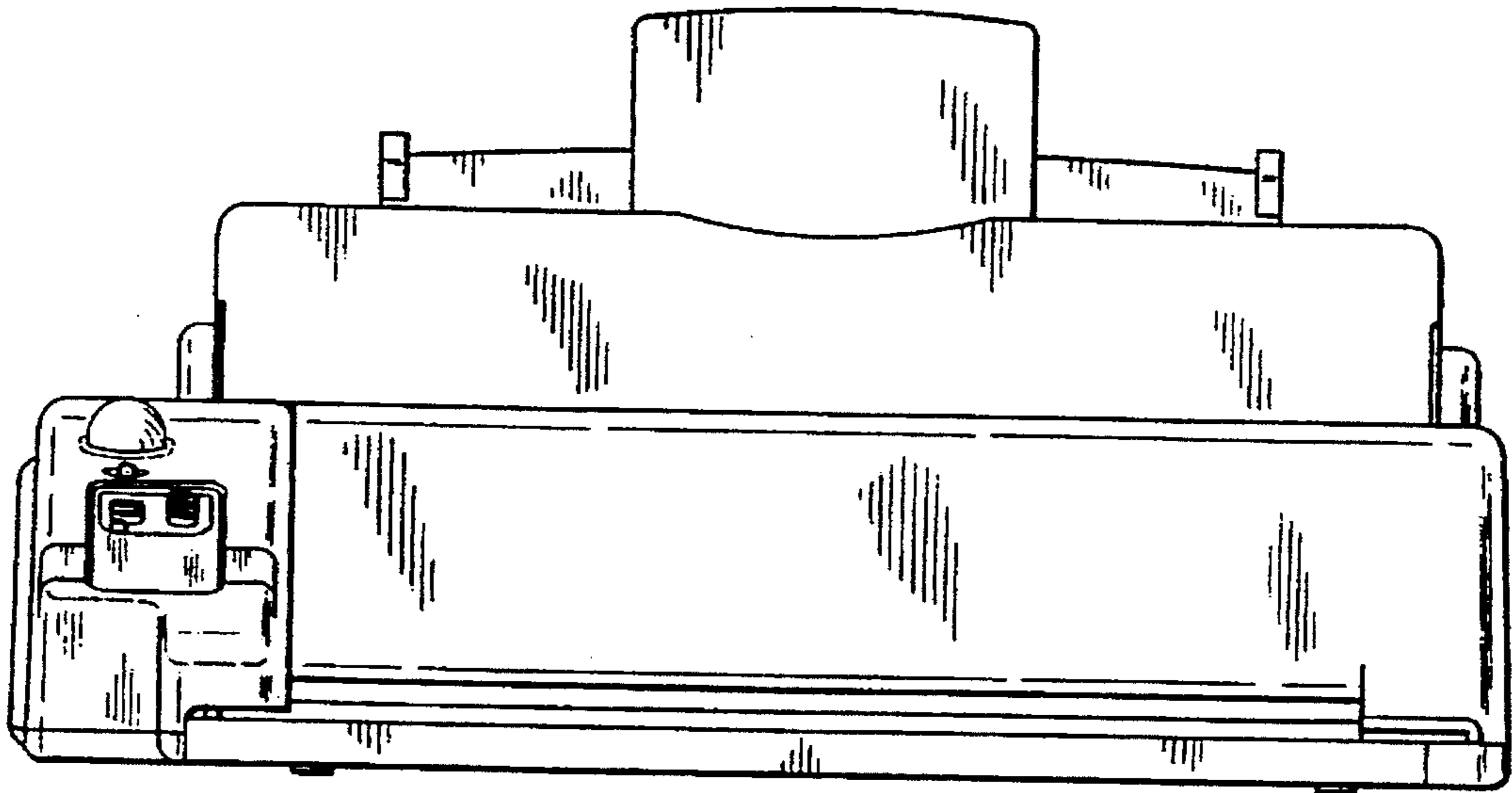


Fig. 6.

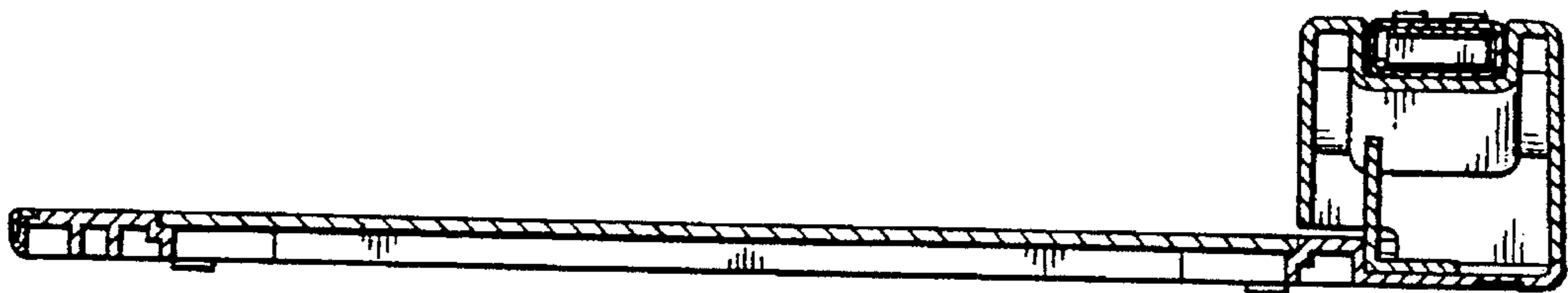


Fig. 7.

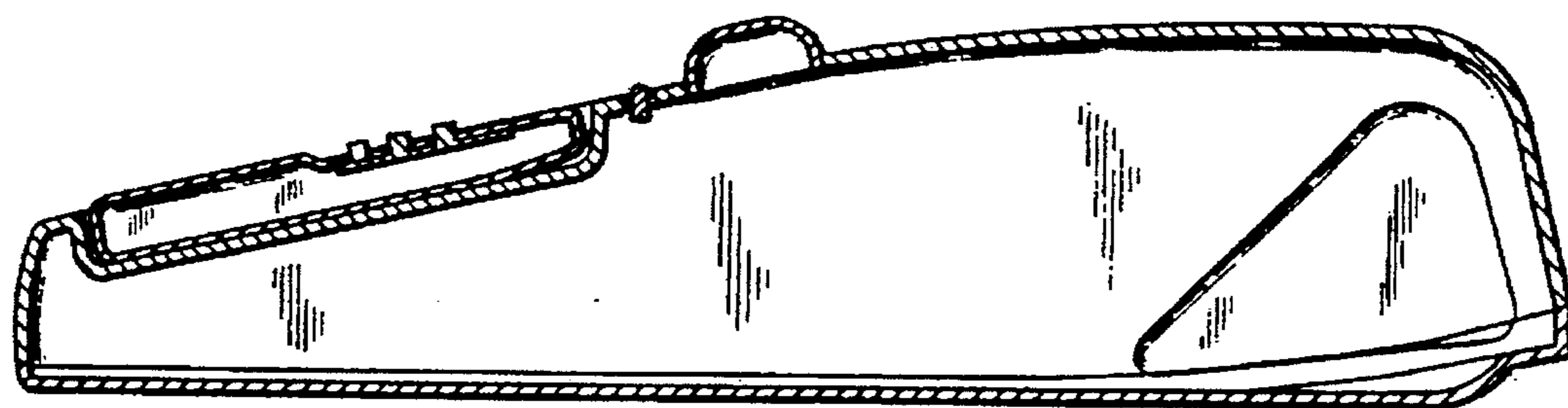


Fig. 8.

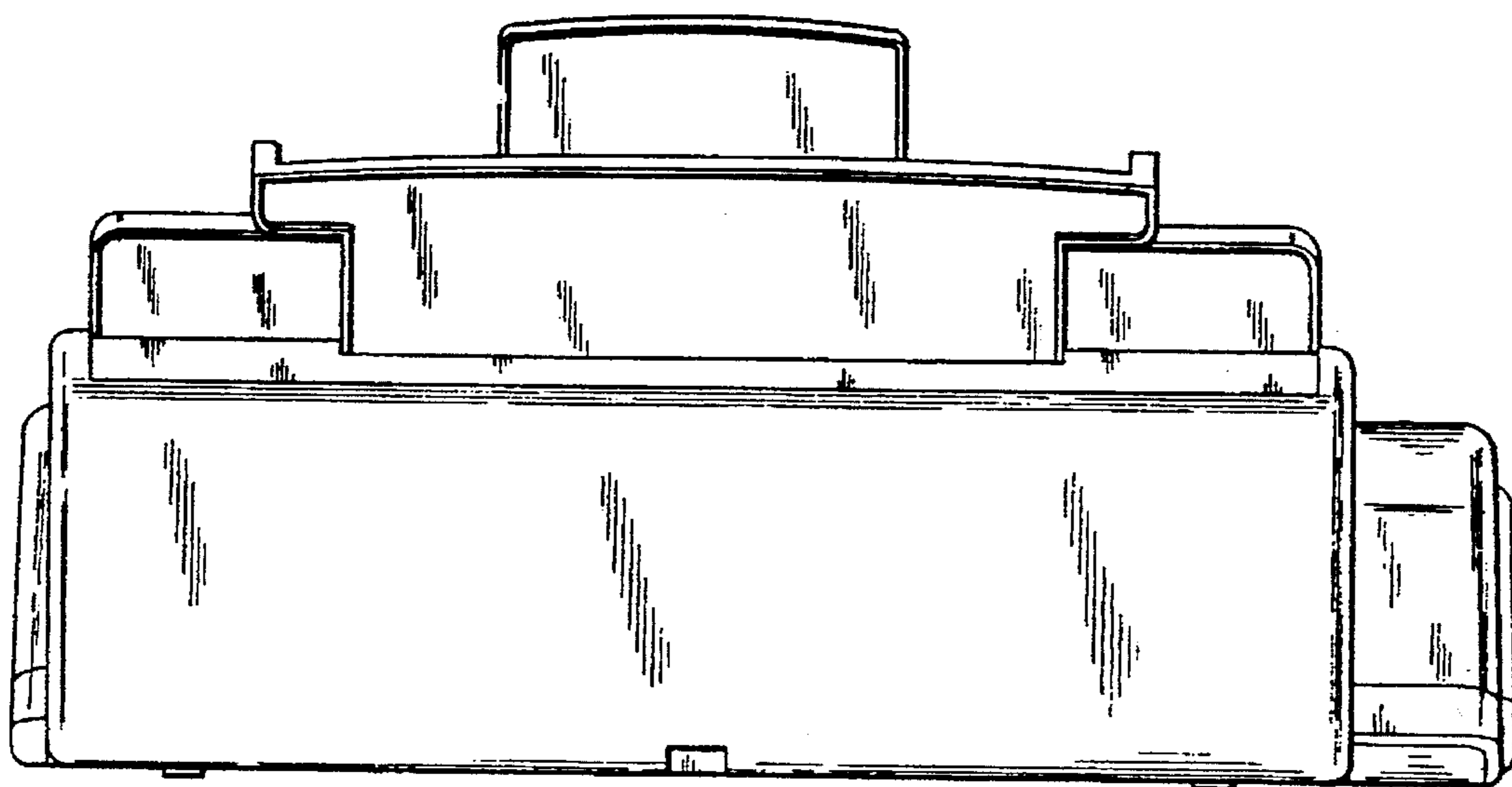


Fig. 9.

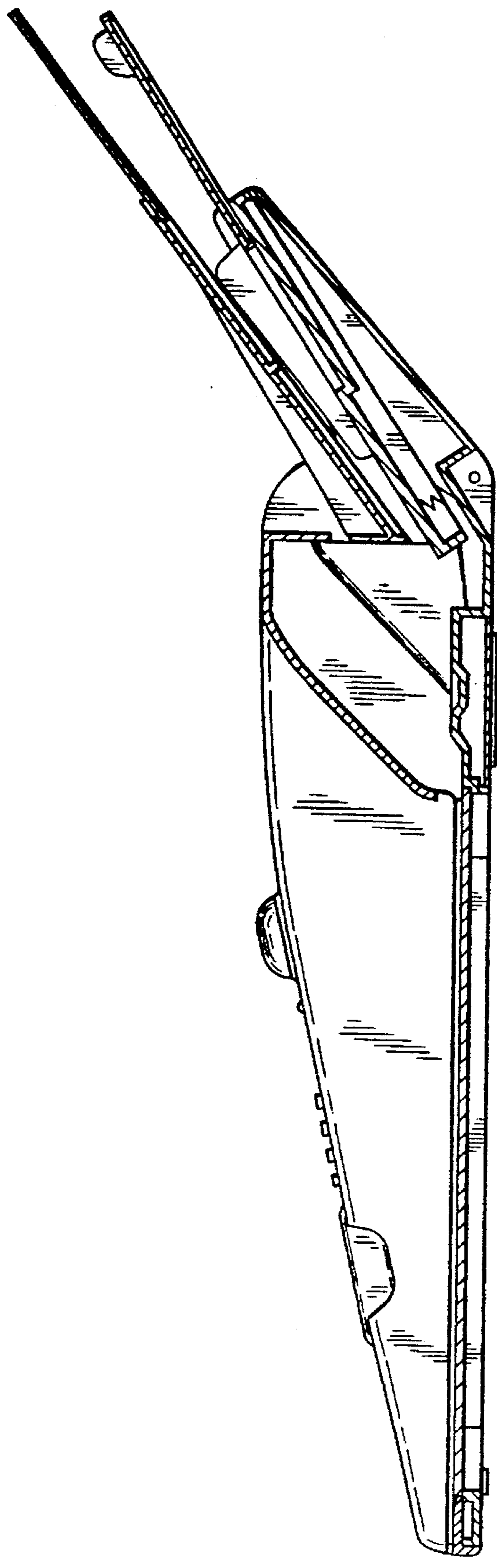


Fig. 10.

