



US00D324671S

United States Patent [19]

[11] Patent Number: **Des. 324,671**

Kawashima et al.

[45] Date of Patent: **** Mar. 17, 1992**

[54] **ELECTRICAL CONNECTOR**

4,758,182 7/1988 Anbo et al. 439/586 X
4,842,541 6/1989 Learndris 439/282 X

[75] Inventors: **Toshiharu Kawashima; Yoshitsugu Sawada; Keishi Jinno**, all of Shizuoka, Japan

Primary Examiner—Susan J. Lucas
Assistant Examiner—J. Sincavage
Attorney, Agent, or Firm—Armstrong, Nikaido, Marmelstein, Kubovcik & Murray

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

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

[57] **CLAIM**

[21] Appl. No.: **310,716**

The ornamental design for a electrical connector, as shown and described.

[22] Filed: **Feb. 15, 1989**

DESCRIPTION

[30] **Foreign Application Priority Data**

Sep. 7, 1988 [JP] Japan 63-35101

[52] U.S. Cl. **D13/147**

[58] Field of Search **D13/133, 146, 147;**
439/246-248, 259, 282, 296, 299, 345, 350,
351-353, 357, 358, 374, 529, 533, 575, 586, 587,
592-598, 600, 656, 668, 678, 679, 680, 682, 685,
686, 691, 692, 695, 701, 723, 724, 729

FIG. 1 is a top plan view of an electrical connector housing showing our new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a bottom plan view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a right side elevational view thereof the left side elevational view being a mirror image;
FIG. 6 is a cross-sectional view thereof taken along line 6-6 of FIG. 2;
FIG. 7 is a cross-sectional view thereof taken along line 7-7 of FIG. 2;
FIG. 8 is a bottom, right rear perspective view thereof; and,
FIG. 9 is a top, right front perspective view thereof.

[56] **References Cited**

U.S. PATENT DOCUMENTS

4,602,839 7/1986 Winger 439/724 X
4,682,839 7/1987 Bryce 439/598
4,709,976 12/1987 Nakama et al. 439/701 X

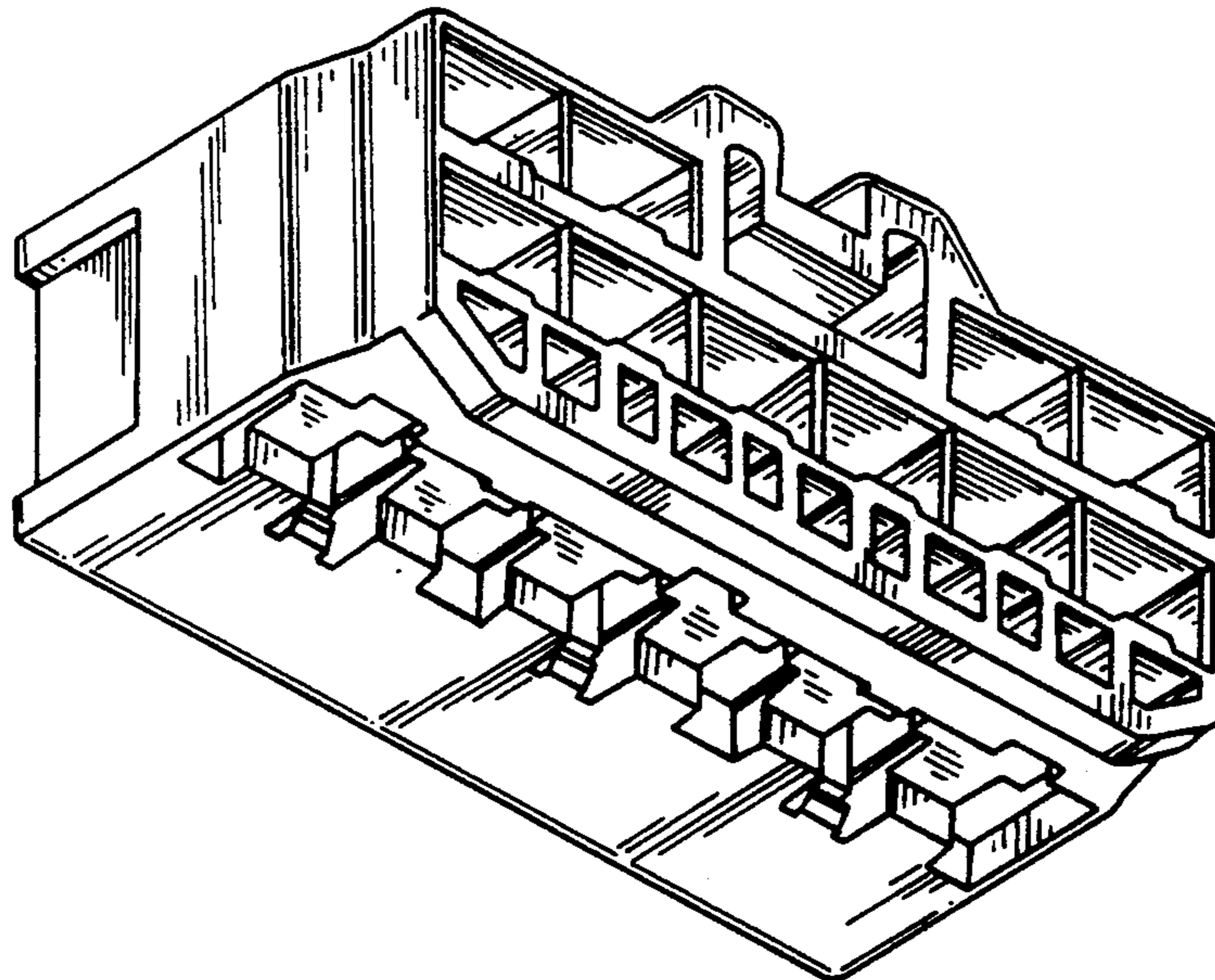


Fig. 1

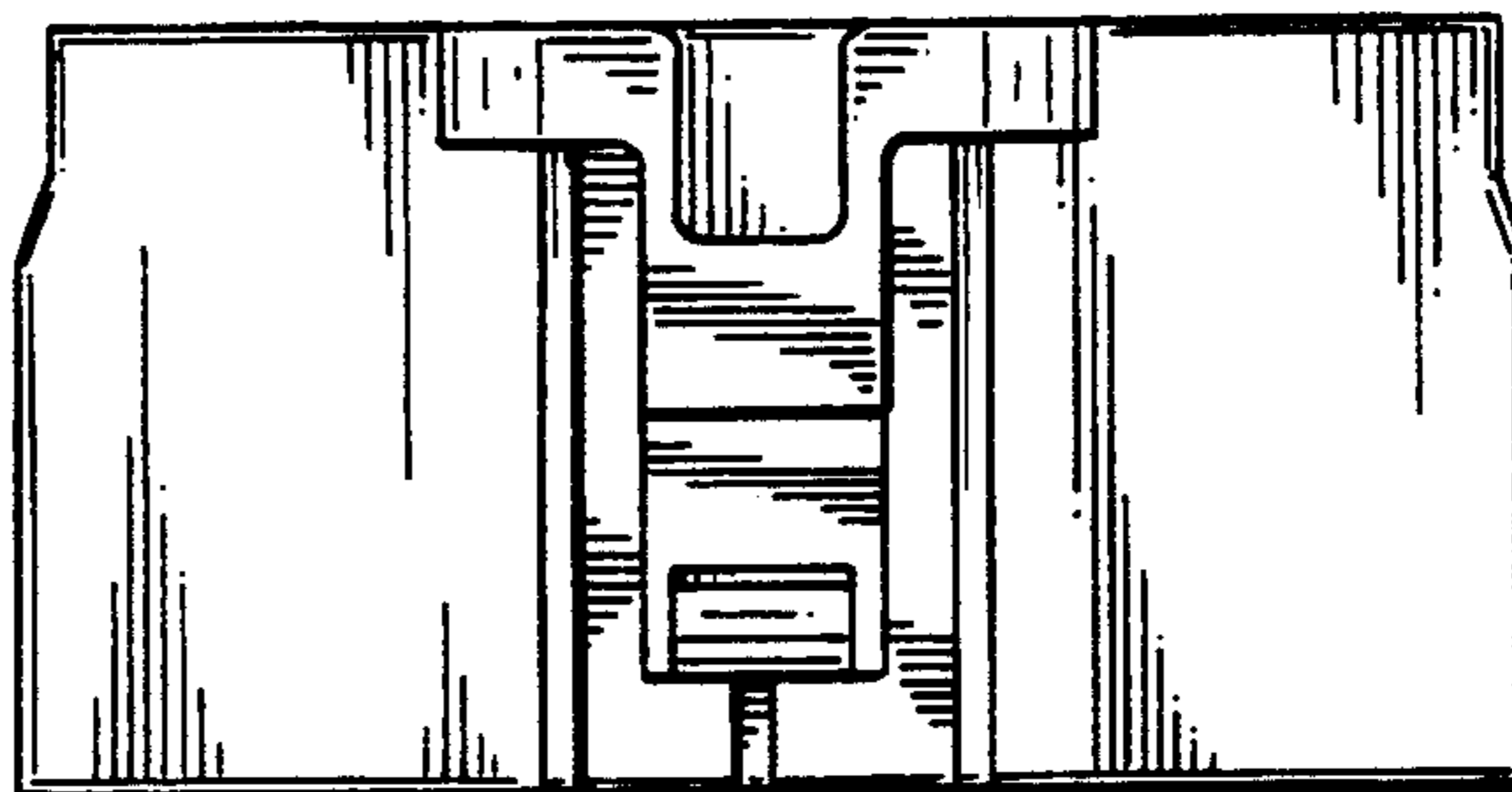


Fig. 2

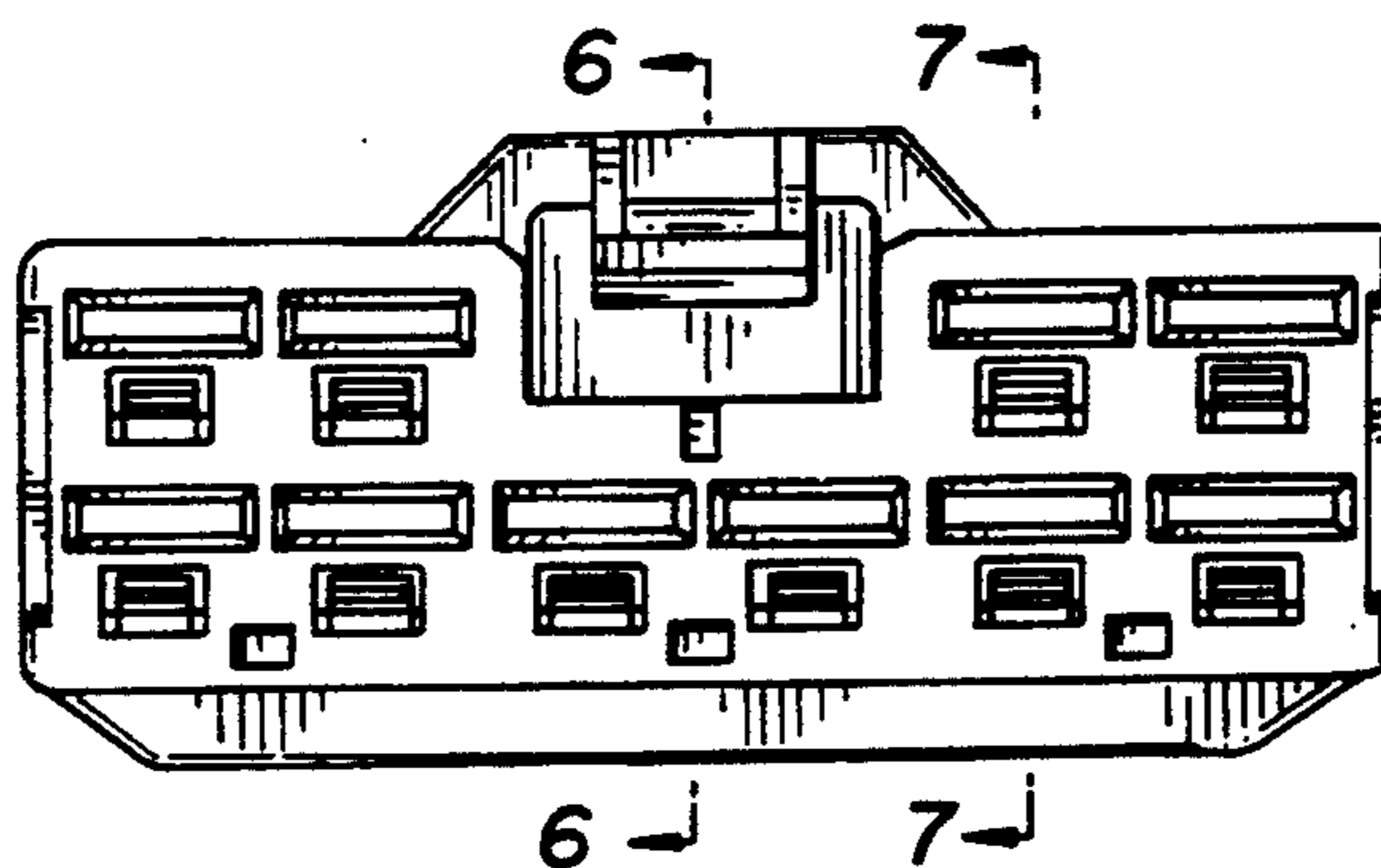


Fig. 3

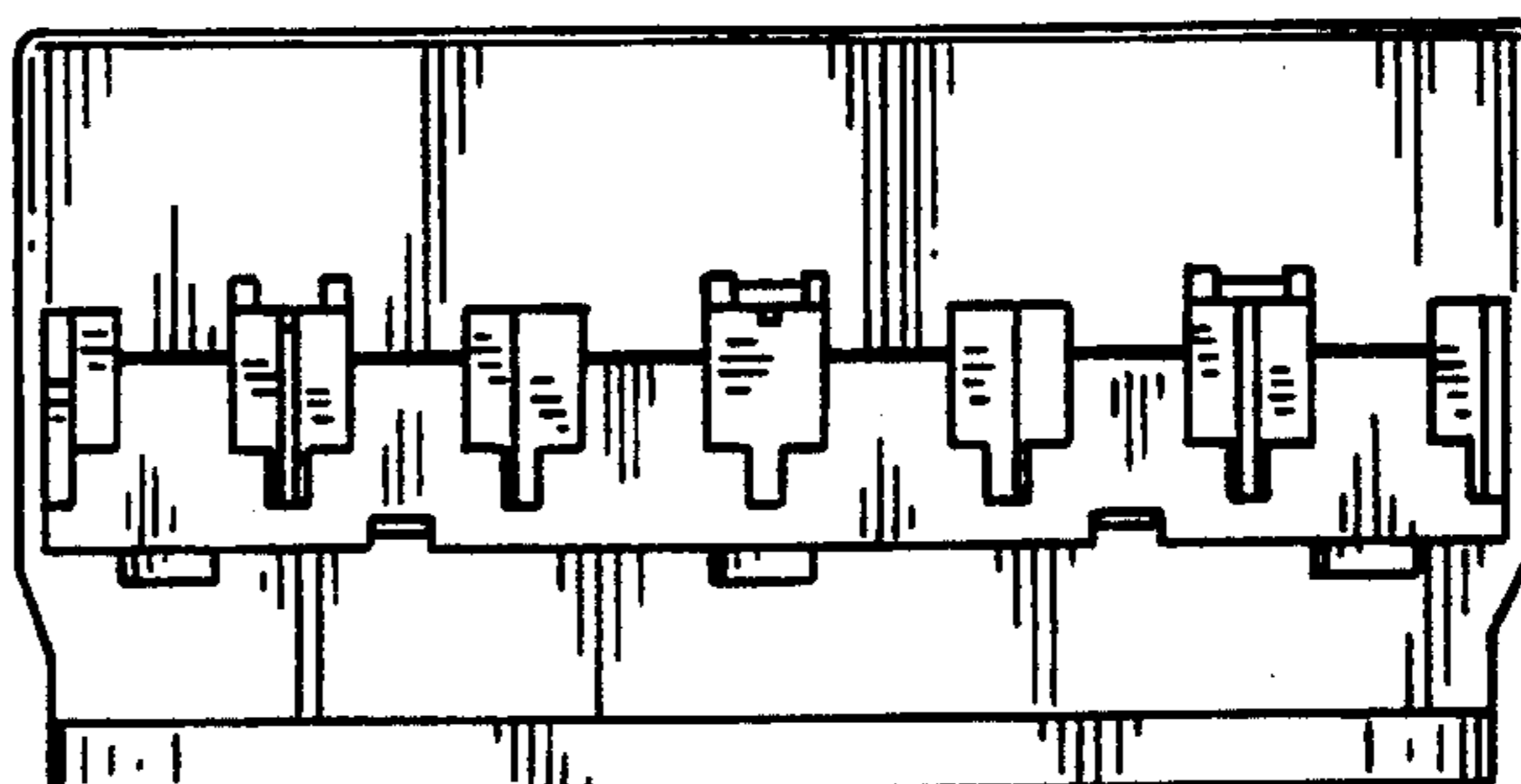


Fig. 4

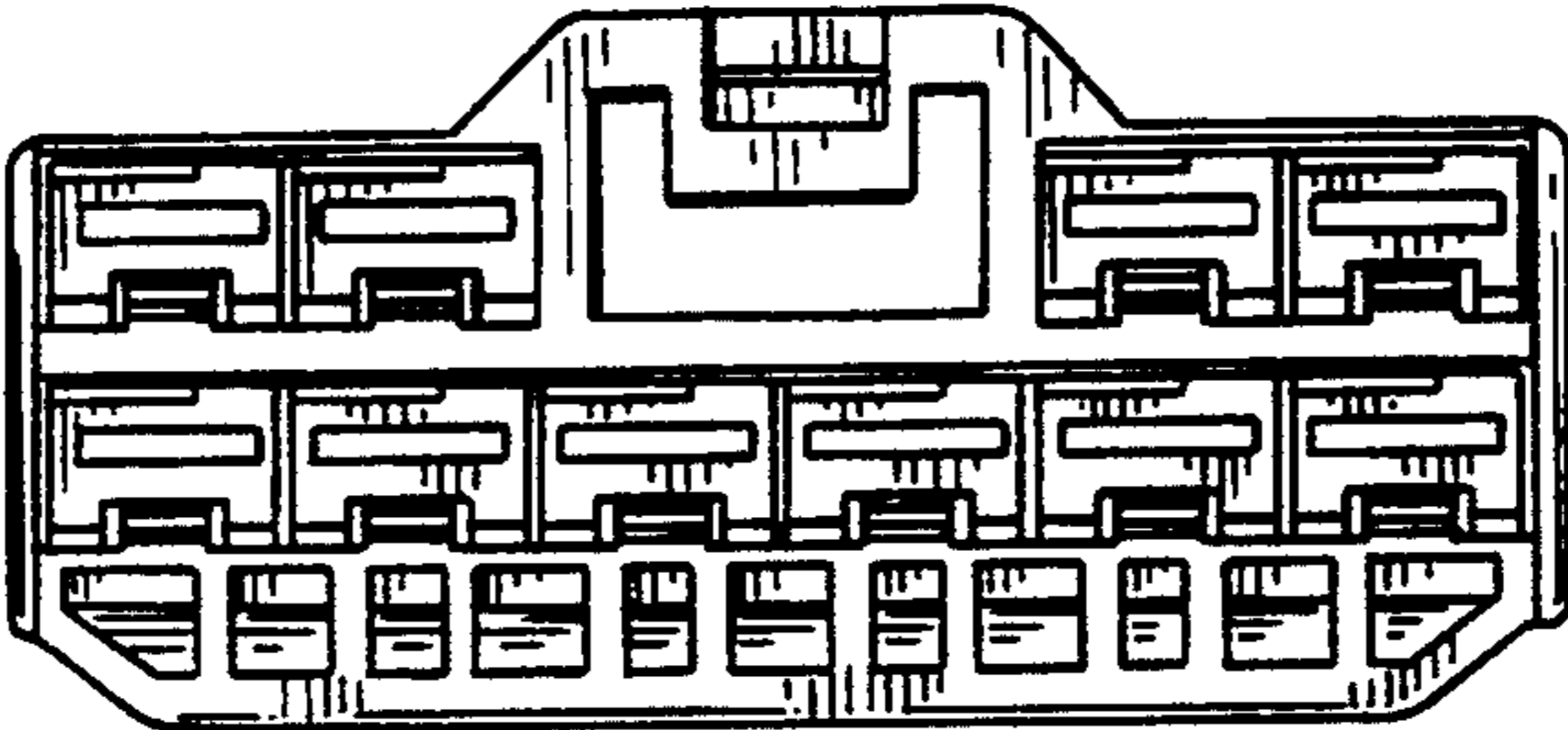


Fig. 5

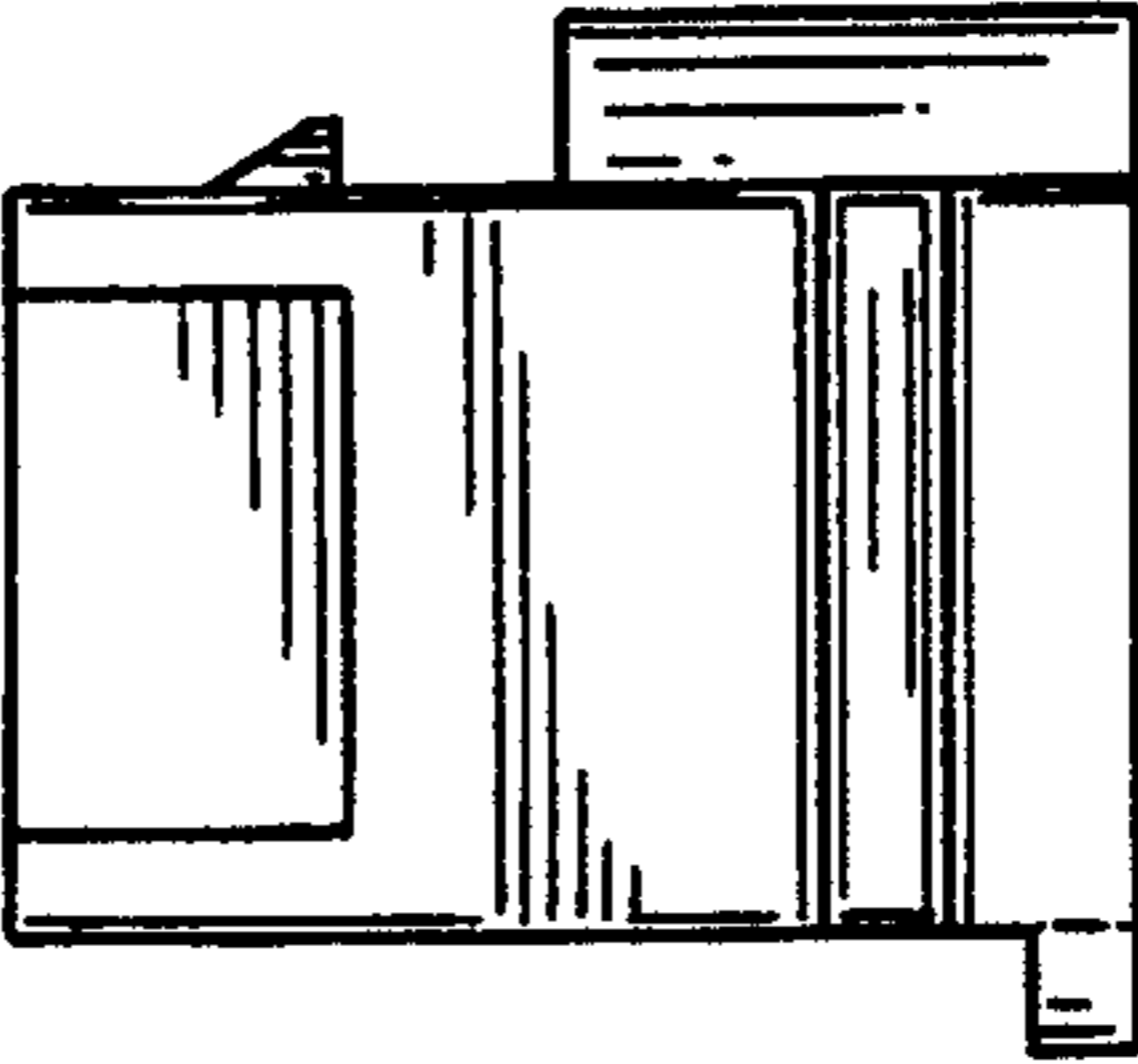


Fig. 6

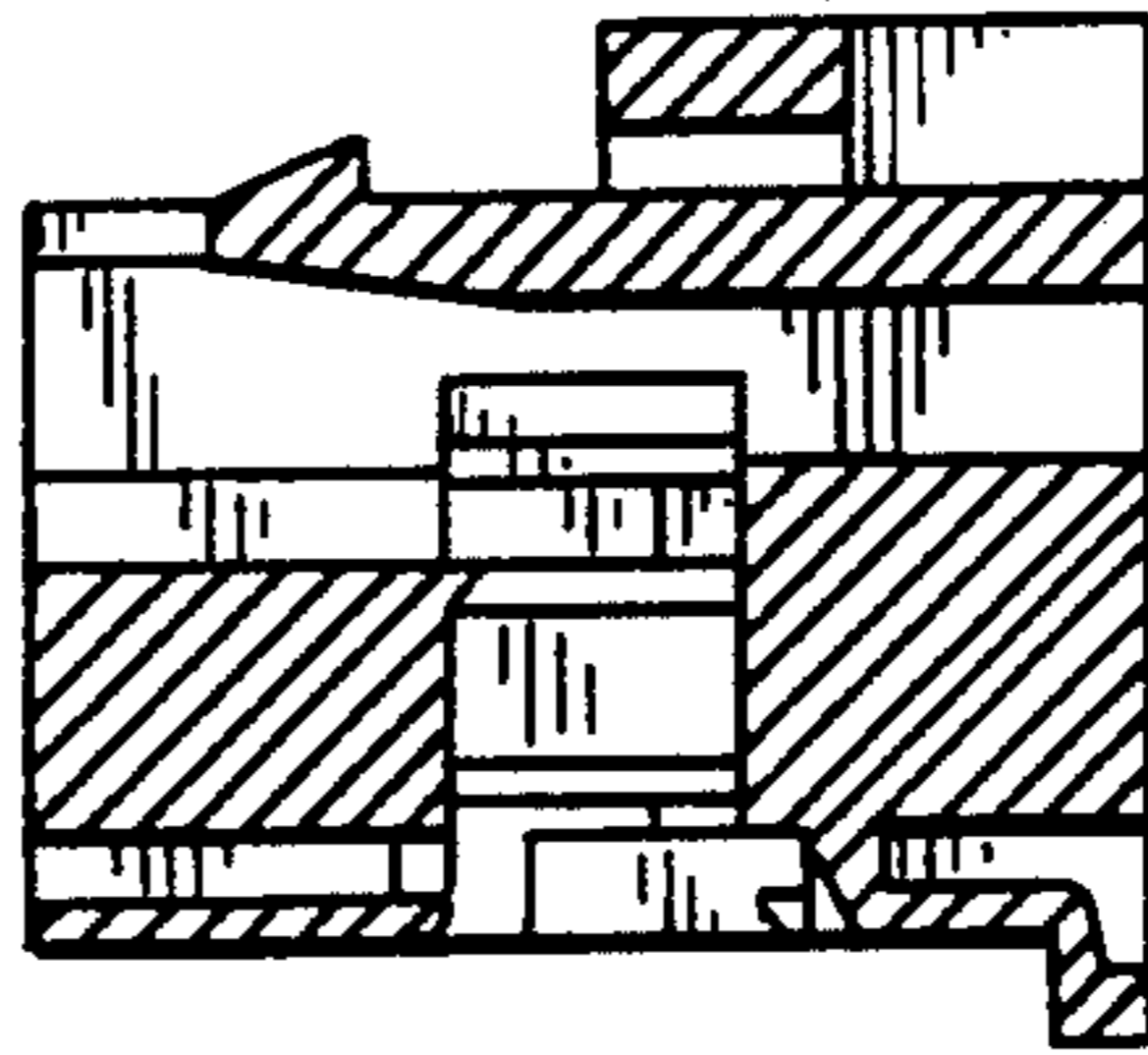


Fig. 7

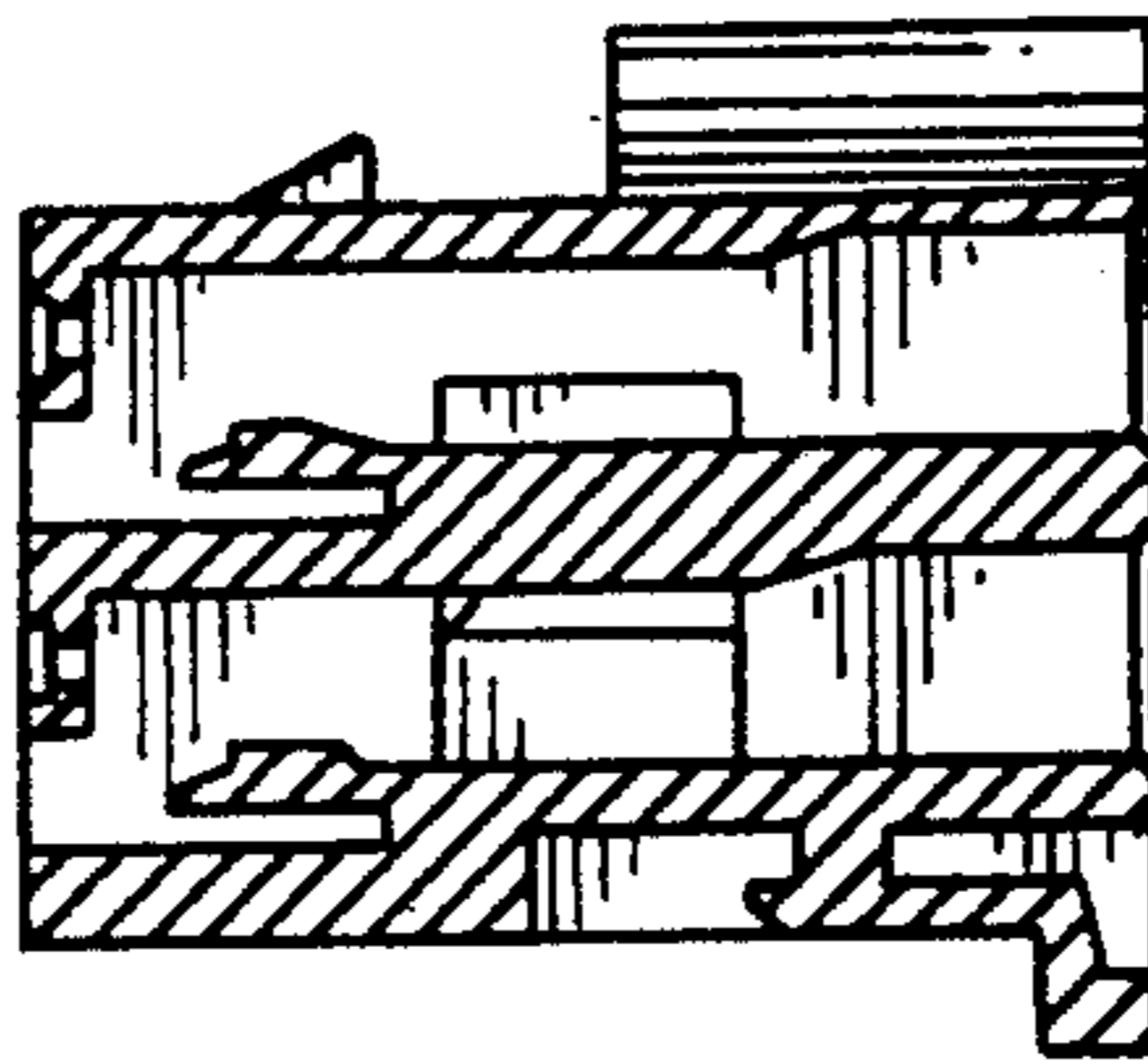
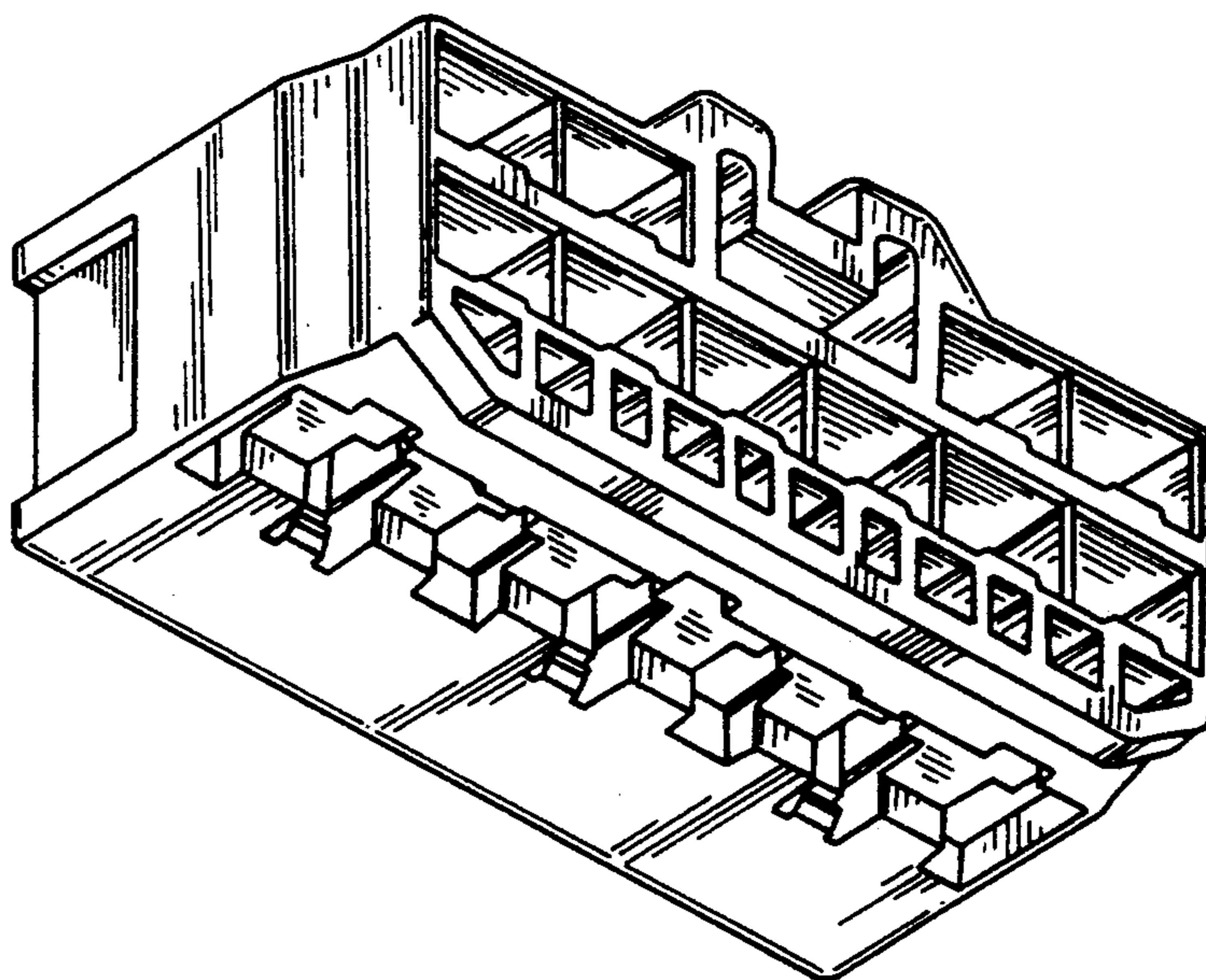


Fig. 8



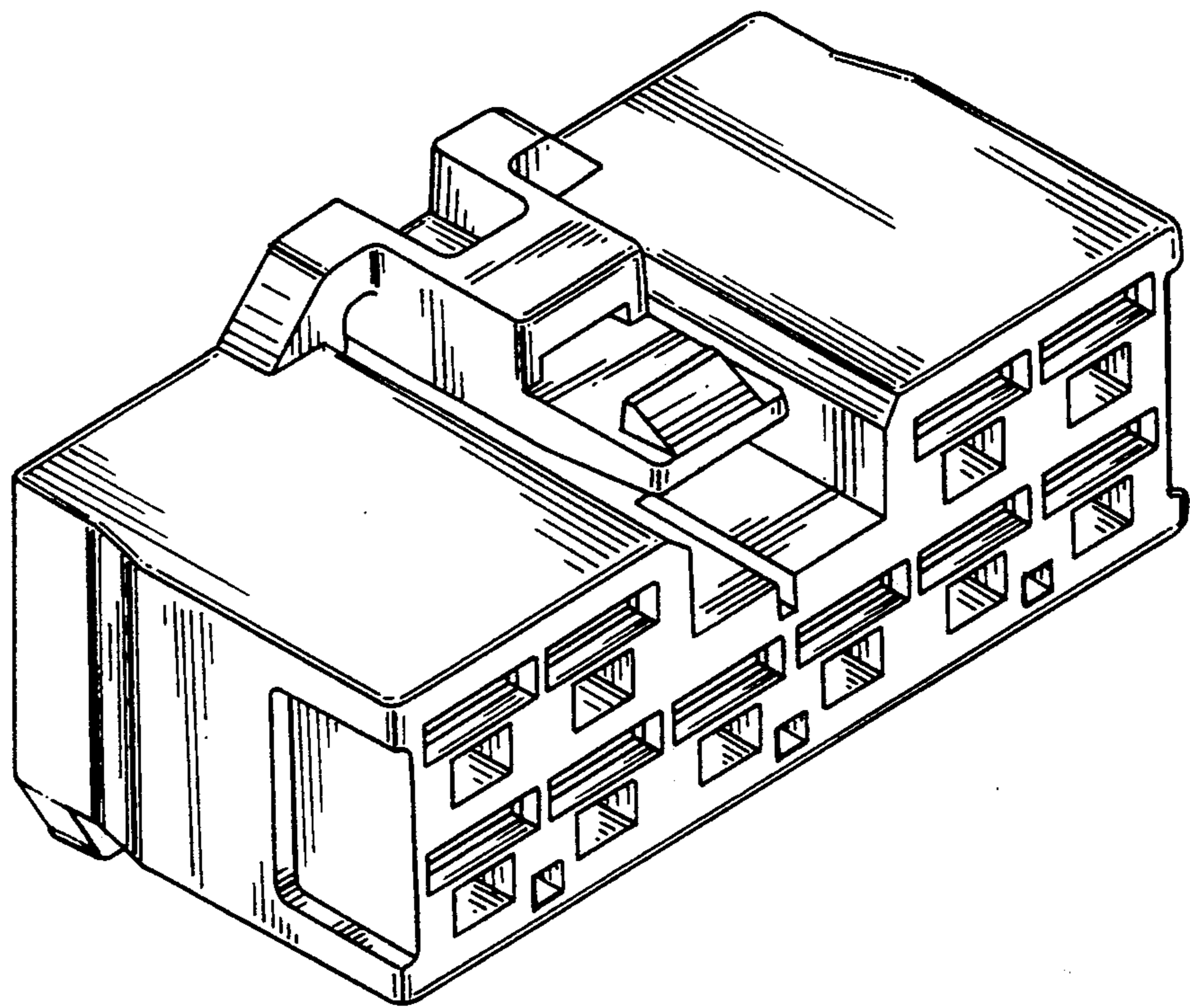


Fig. 9