

[54] ELECTRICAL CONNECTOR

[75] Inventors: Kenzi Ohkura, Hisai; Sho-Ichi Sugata, Suzuka, both of Japan

[73] Assignee: Sumitomo Wiring Systems, Ltd., Yokkaichi, Japan

[\*\*] Term: 14 Years

[21] Appl. No.: 143,141

[22] Filed: Jan. 11, 1988

[30] Foreign Application Priority Data

|                      |                      |                                  |
|----------------------|----------------------|----------------------------------|
| Jul. 10, 1987 [JP]   | Japan                | 62-28169                         |
| [52] U.S. Cl.        |                      | D13/147                          |
| [58] Field of Search | D13/24, 30; 439/660, | 439/682, 685, 293, 357, 586, 595 |

[56] References Cited

U.S. PATENT DOCUMENTS

|           |         |               |           |
|-----------|---------|---------------|-----------|
| 3,688,243 | 8/1972  | Yamada et al. | 439/293   |
| 4,557,542 | 12/1985 | Coller et al. | 439/595   |
| 4,758,182 | 7/1988  | Anbo et al.   | 439/586 X |

FOREIGN PATENT DOCUMENTS

|         |        |       |         |
|---------|--------|-------|---------|
| 0039491 | 4/1978 | Japan | 439/357 |
|---------|--------|-------|---------|

OTHER PUBLICATIONS

Yazaki connector in 3-20-78 publication located with D13-133 non-patent literature.

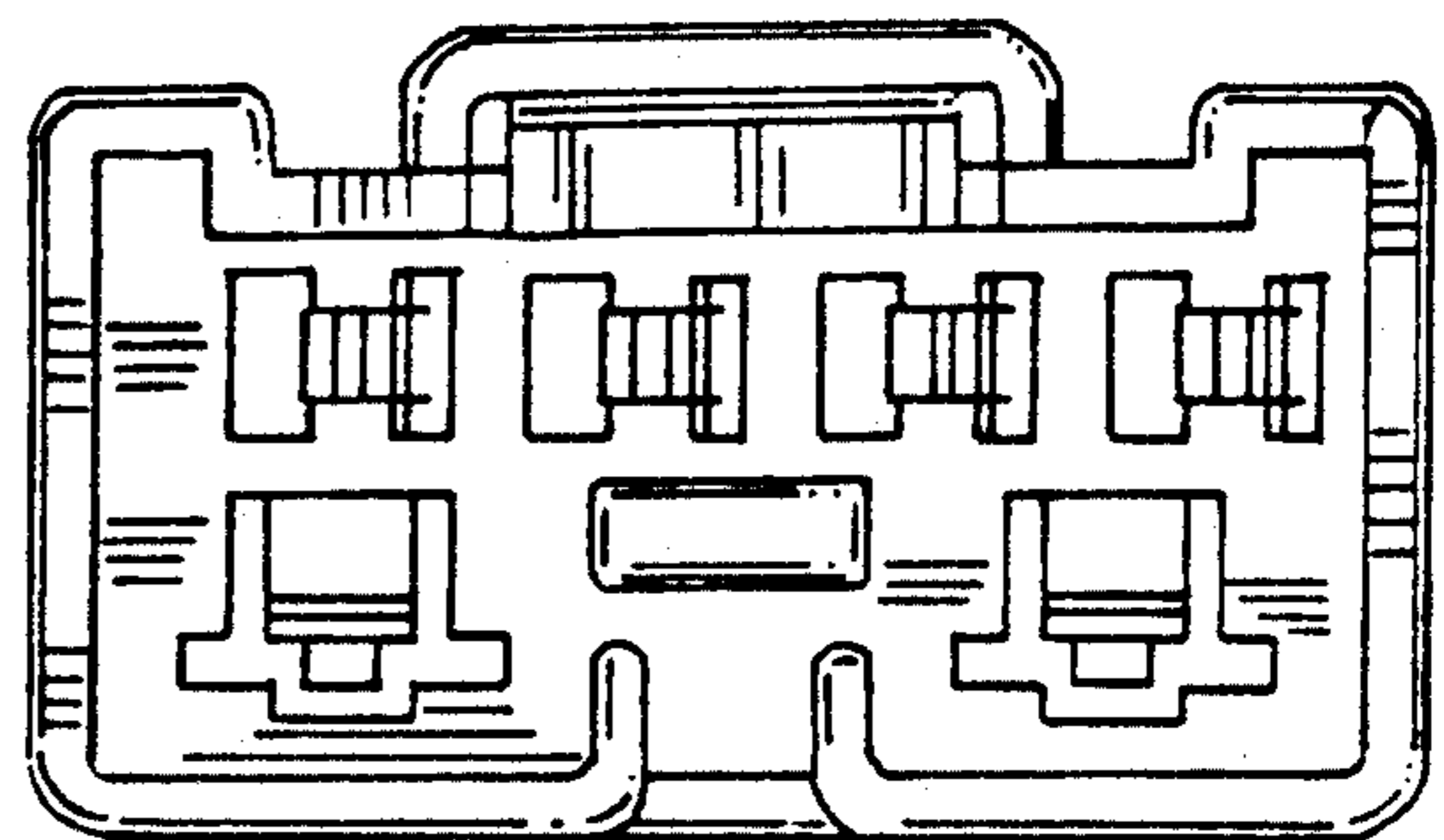
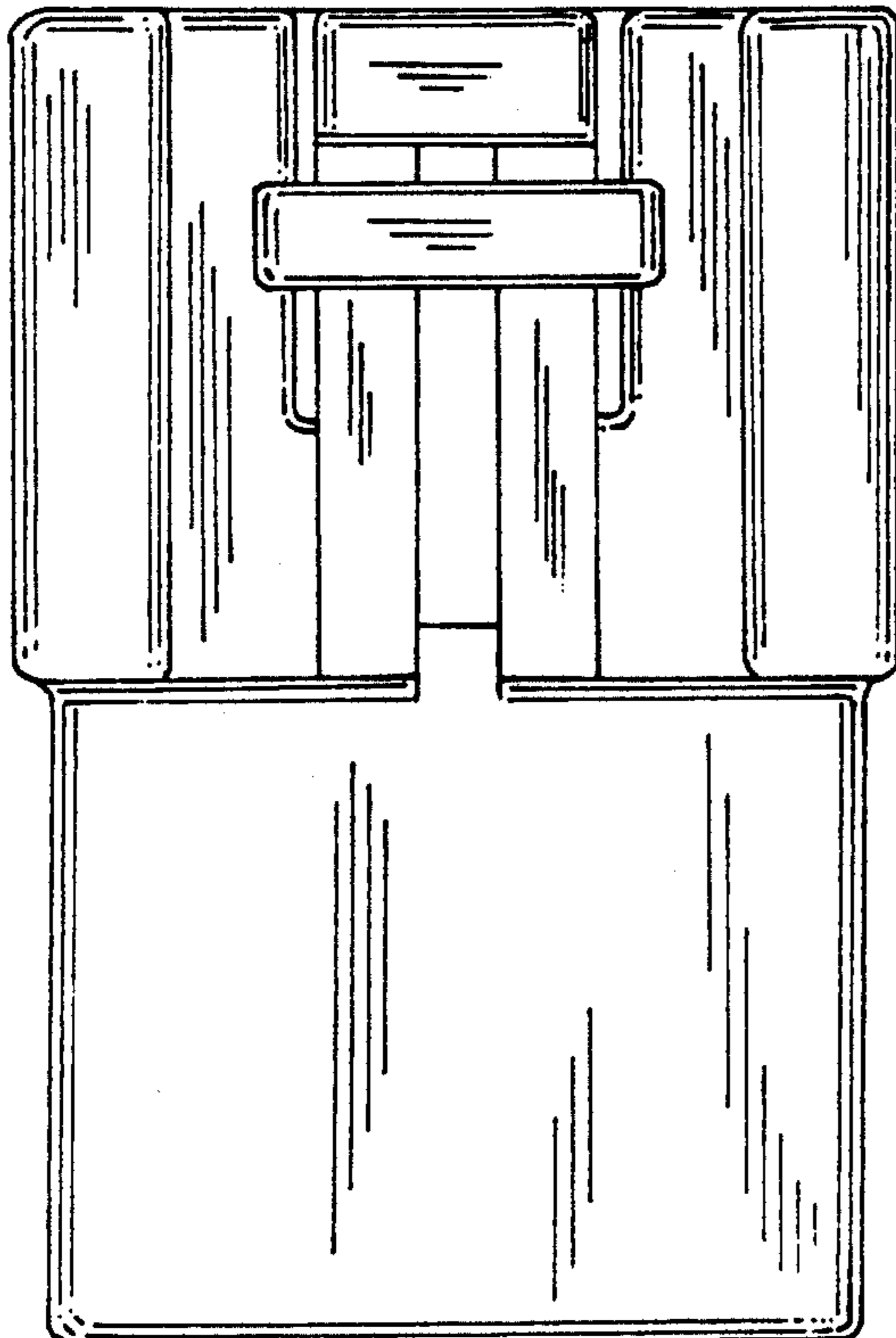
Primary Examiner—Susan J. Lucas  
Assistant Examiner—J. Sincavage  
Attorney, Agent, or Firm—Liddy Sullivan Galway Begler & Peroff

[57] CLAIM

The ornamental design for an electrical connector, as shown.

DESCRIPTION

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



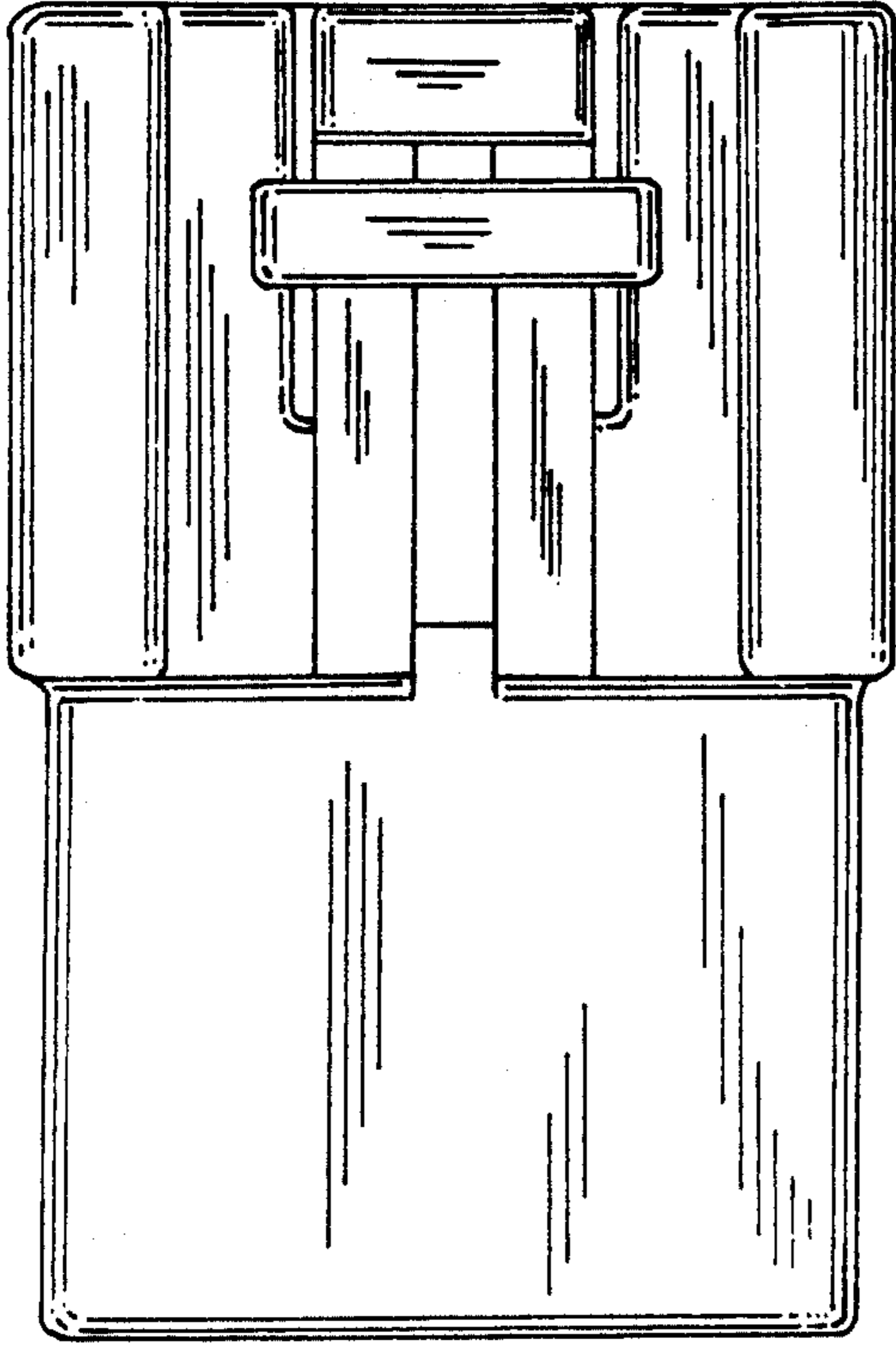


FIG. 1

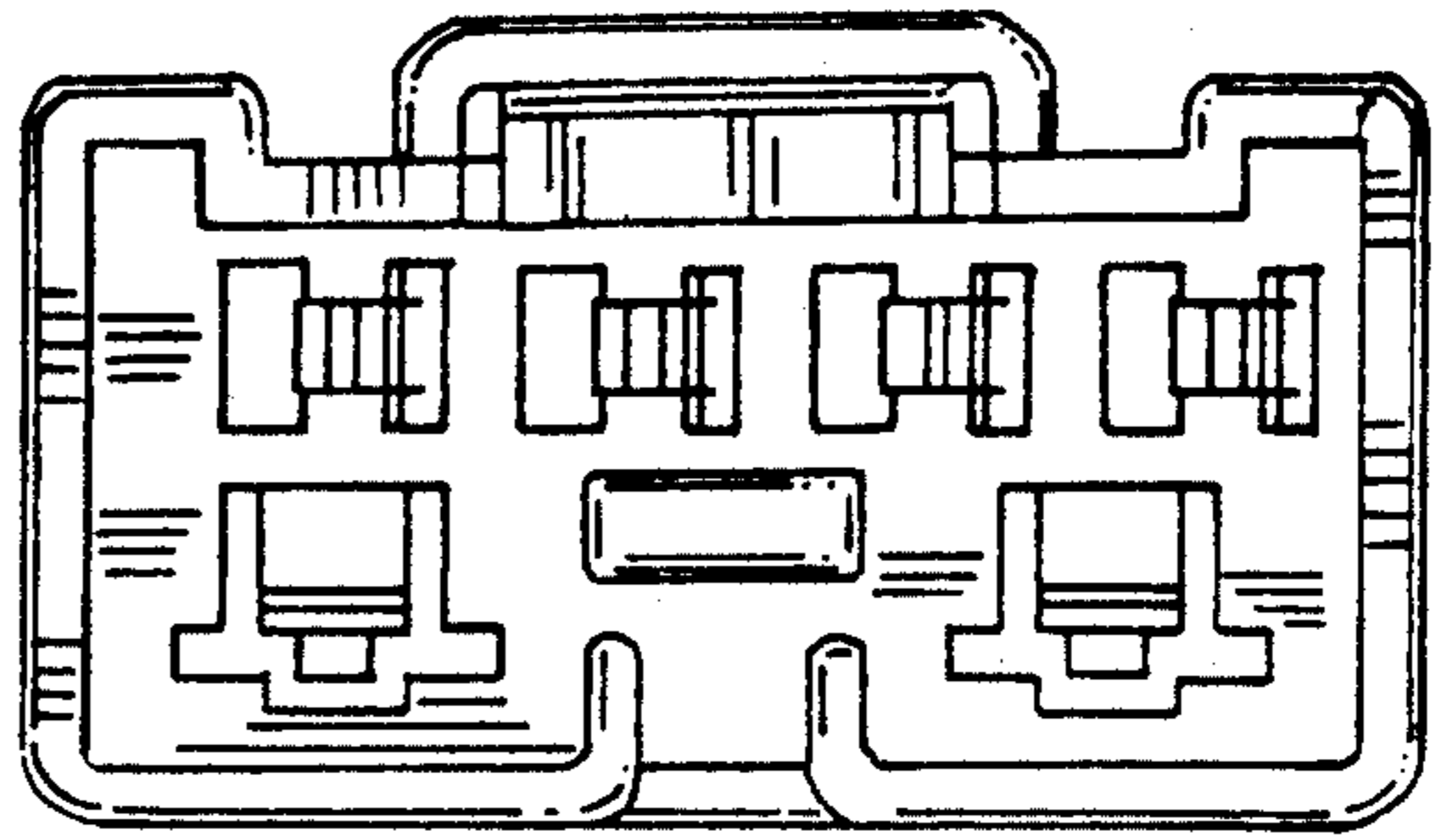


FIG. 2

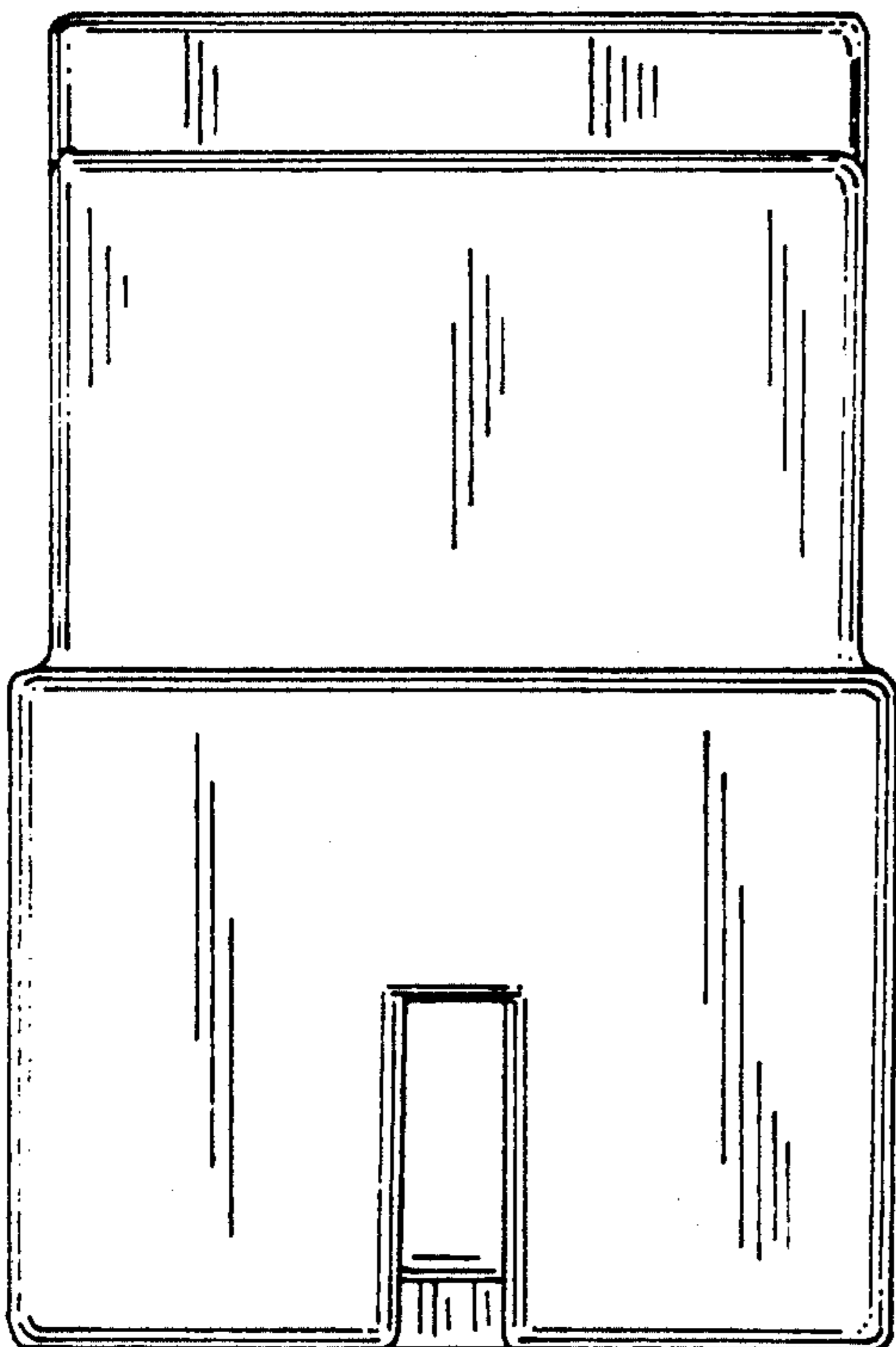


FIG. 3

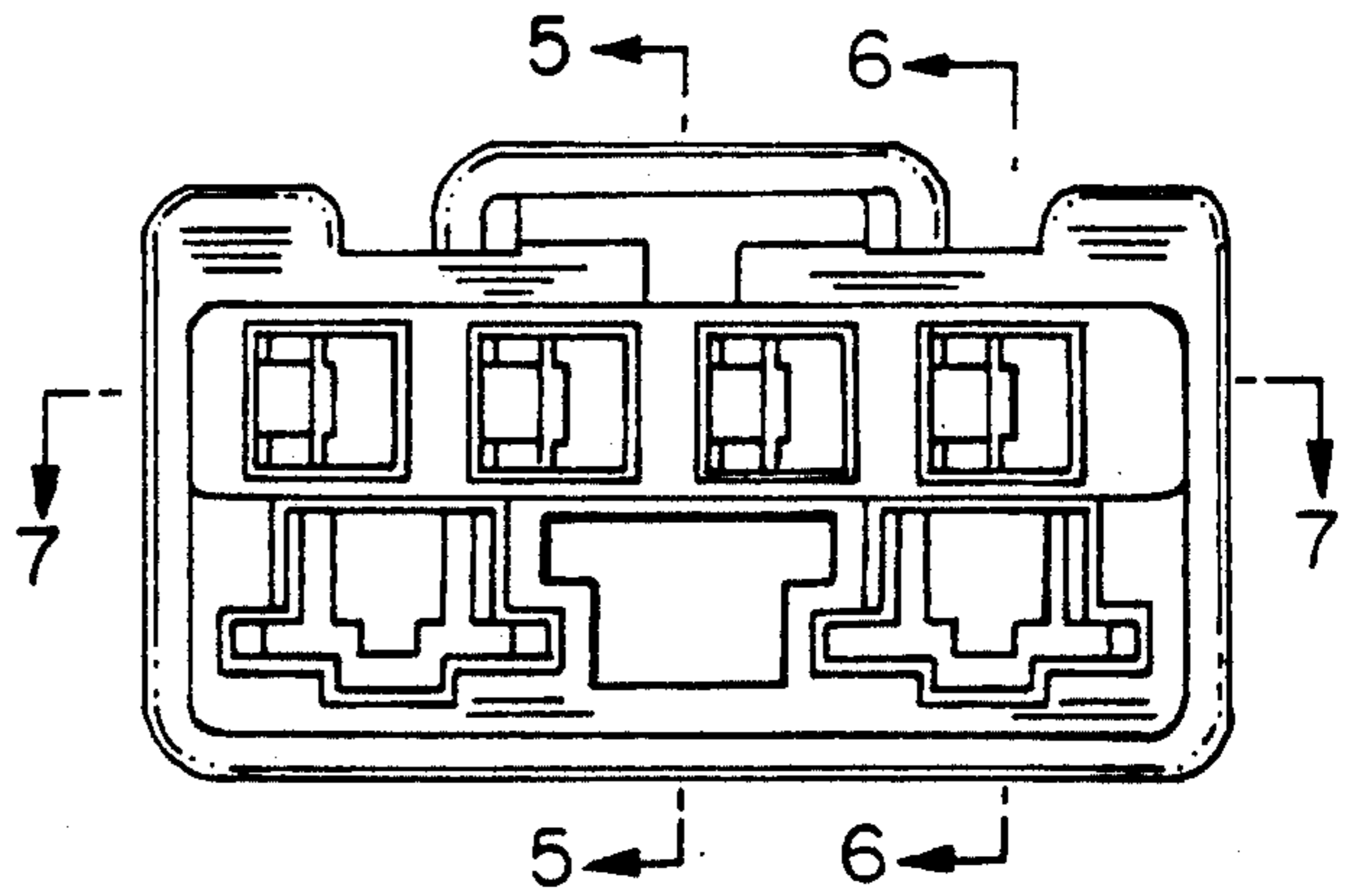


FIG. 4

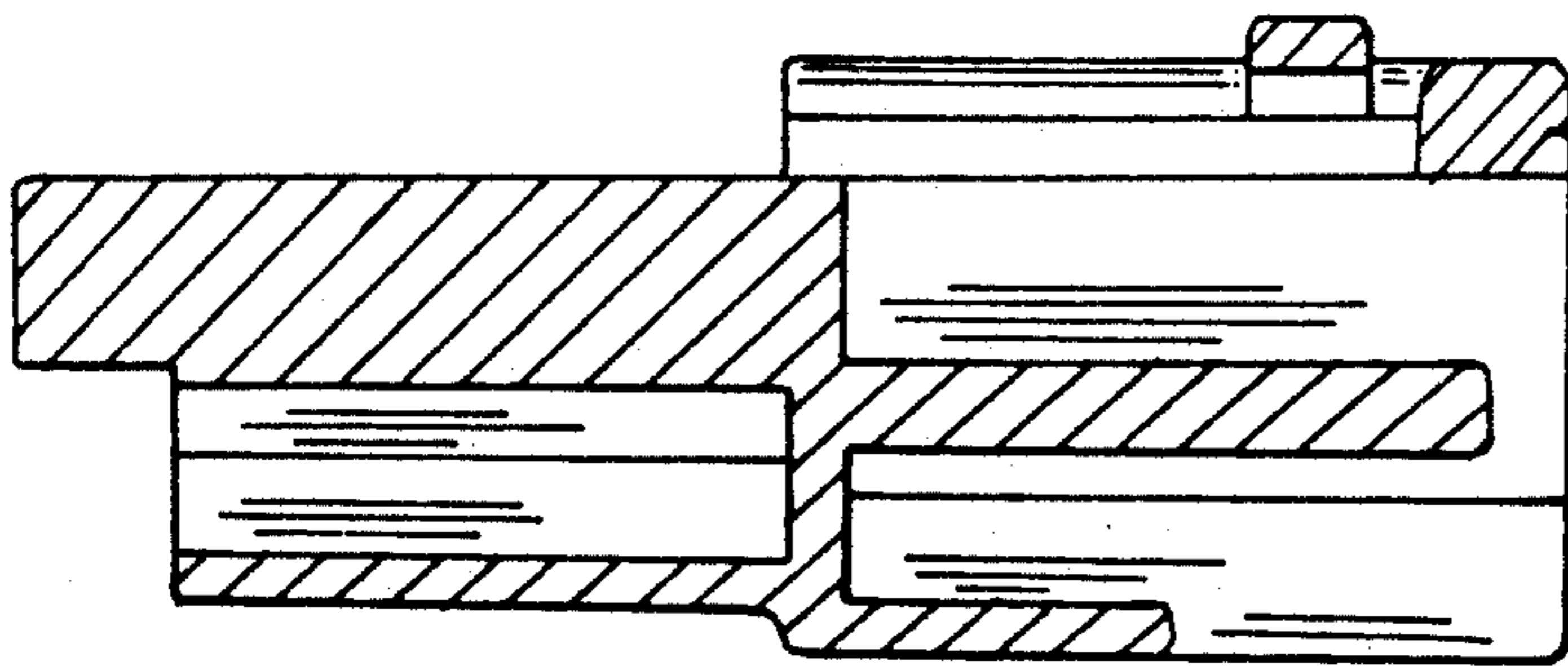


FIG. 5

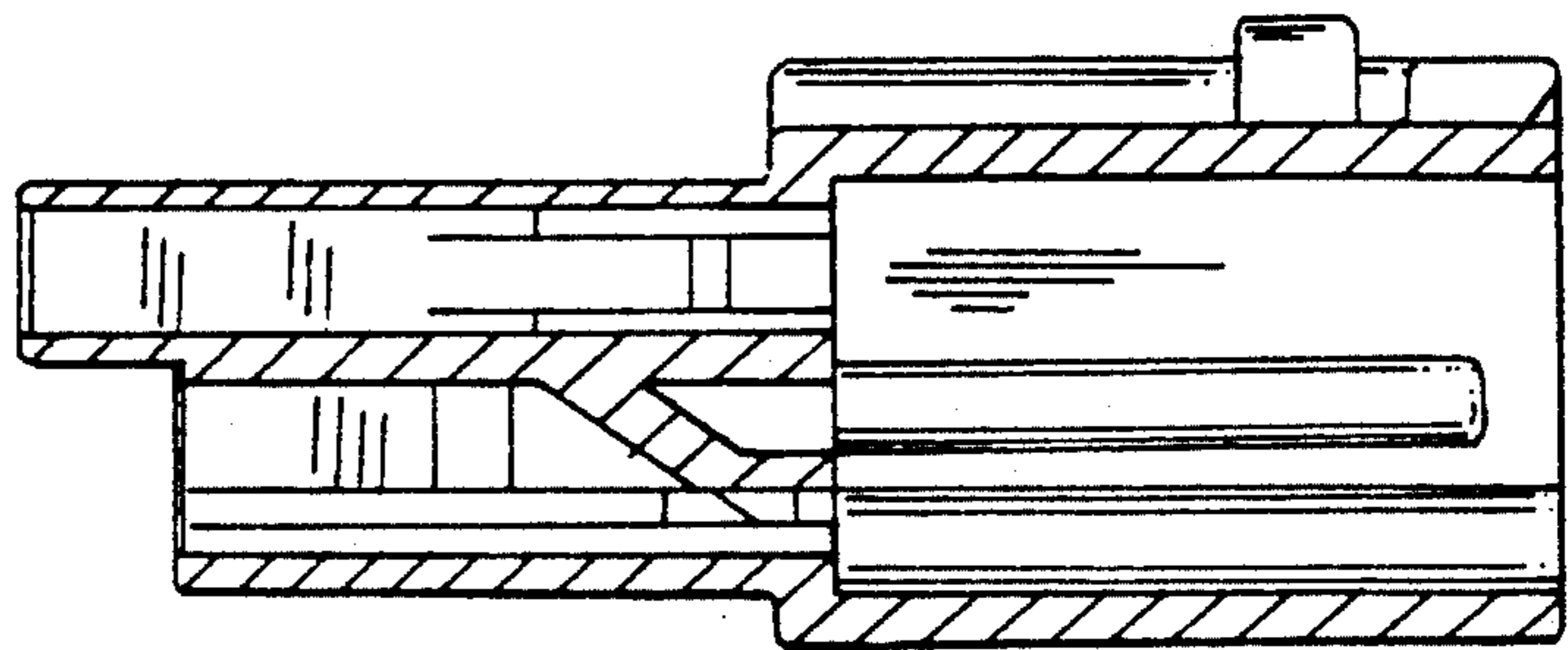


FIG. 6

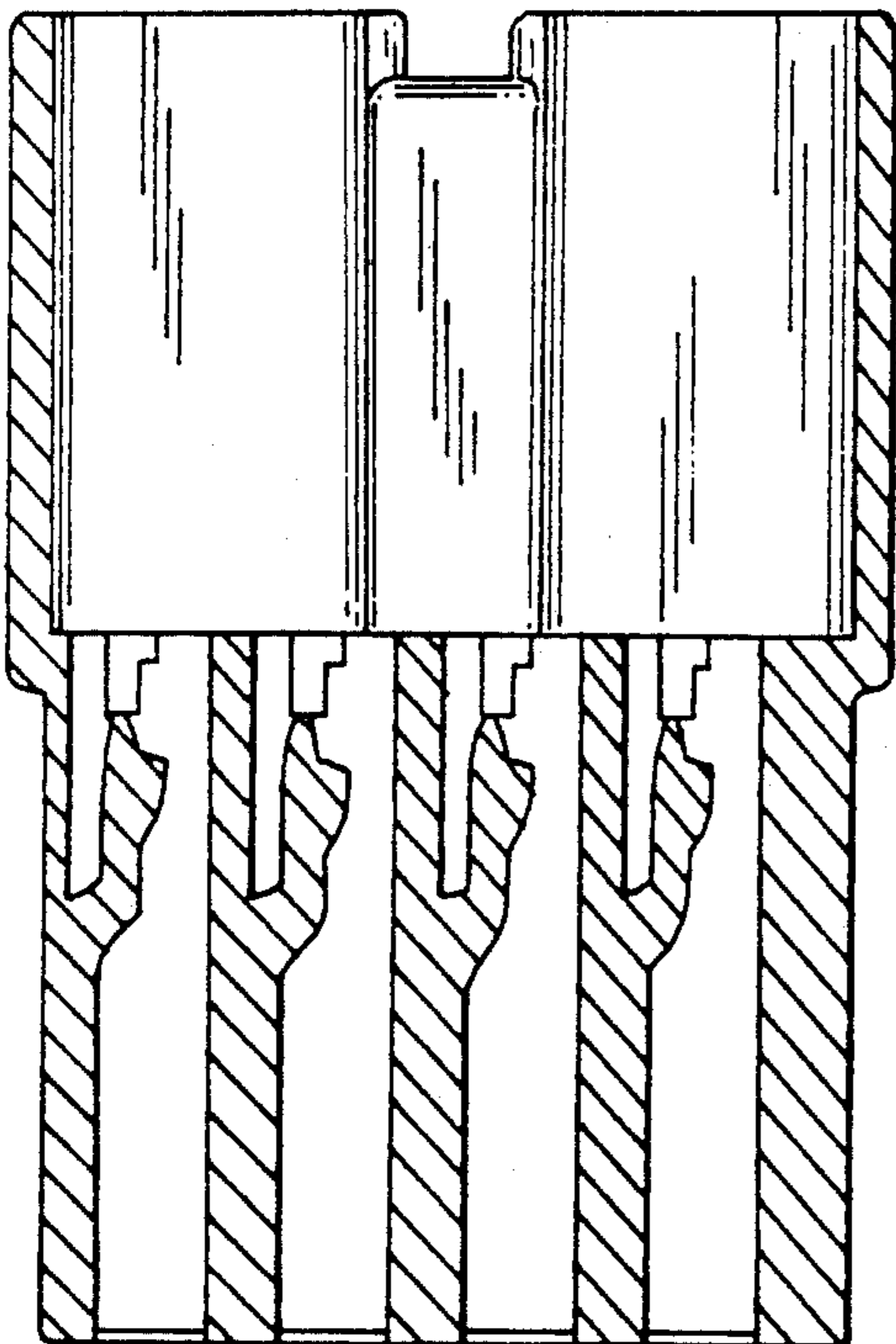


FIG. 7

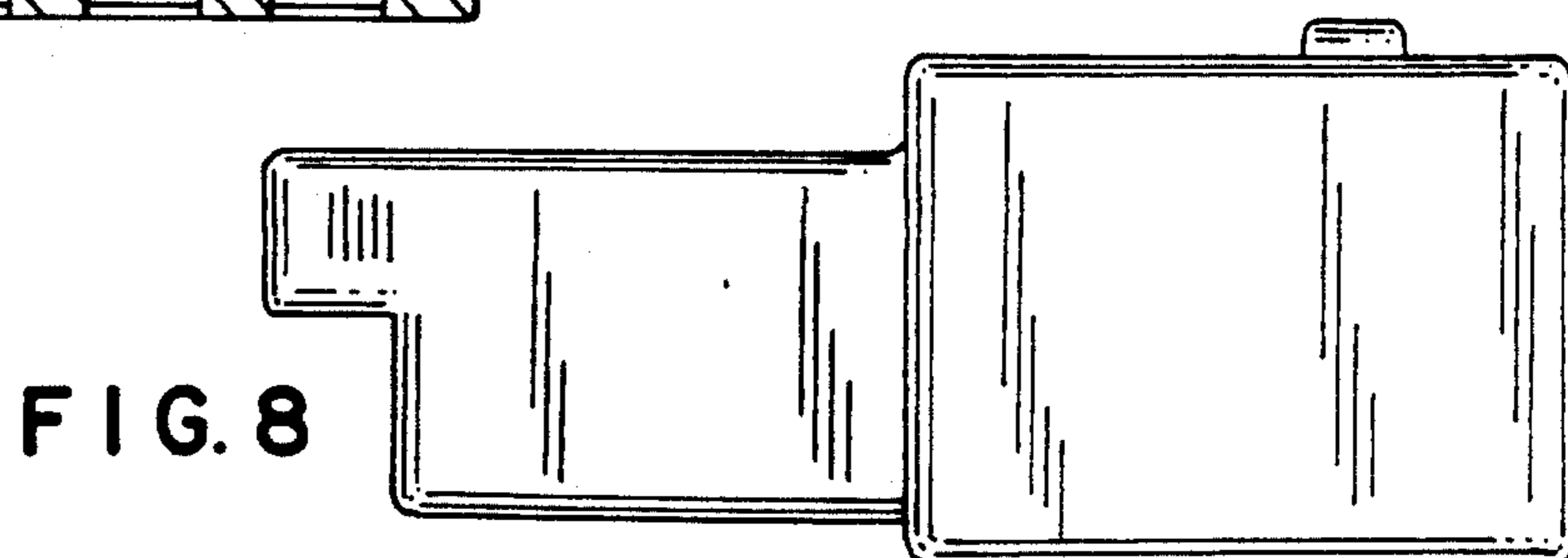


FIG. 8