

US00D375940S

United States Patent

Shimizu et al.

Des. 375,940 Patent Number: [11]

**Nov. 26, 1996 Date of Patent: [45]

[54]	FUSE-LINK FOR AUTOMOBILES			
[75]	Inventors:	Akihiko Shimizu, Ibi-gun; Manabu Ota, Ogaki, both of Japan		
[73]	Assignee:	Pacific Engineering Co., Ltd., Japan		
[**]	Term:	14 Years		
[21]	Appl. No.:	36,618		
[22]	Filed:	Feb. 28, 1995		
[52]	U.S. Cl	D13/161		
[58]	Field of Search			
- -		D13/178; 337/290, 295		
[56]		References Cited		

[00]References Cheu

U.S. PATENT DOCUMENTS

D. 318,270	7/1991	Tsuji et al	D13/161			
4,544,907	10/1985	Takano 3:	37/295 X			
FOREIGN PATENT DOCUMENTS						
597228	12/1982	Japan .				
787741	2/1990	Japan .				
787665	2/1990	Japan .				
787726	2/1990	Japan .				
870163	3/1993	Japan	D13/160			

Primary Examiner—Joel Sincavage Attorney, Agent, or Firm—Nixon & Vanderhye

4/1994

[57] **CLAIM**

901506

The ornamental design for a fuse-link for automobiles, as shown and described.

Japan .

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of the design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a right side elevational view thereof;

FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom plan view thereof; and

FIG. 6 is a cross-sectional view taken along with line 6—6 in FIG. 3;

FIG. 7 is a perspective view of a second embodiment of the design;

FIG. 8 is a front elevational view thereof;

FIG. 9 is a right side elevational view thereof;

FIG. 10 is a top plan view thereof;

FIG. 11 is a bottom plan view thereof; and

FIG. 12 is a cross-sectional view taken along with line 12—12 in FIG. 9;

FIG. 13 is a perspective view of a third embodiment of the design;

FIG. 14 is a front elevational view thereof;

FIG. 15 is a right side elevational view thereof;

FIG. 16 is a top plan view thereof;

FIG. 17 is a bottom plan view thereof; and

FIG. 18 is a cross-sectional view taken along with line 18—18 in FIG. 15;

FIG. 19 is a perspective view of a fourth embodiment of the design;

FIG. 20 is a front elevational view thereof;

FIG. 21 is a right side elevational view thereof;

FIG. 22 is a top plan view thereof;

FIG. 23 is a bottom plan view thereof; and,

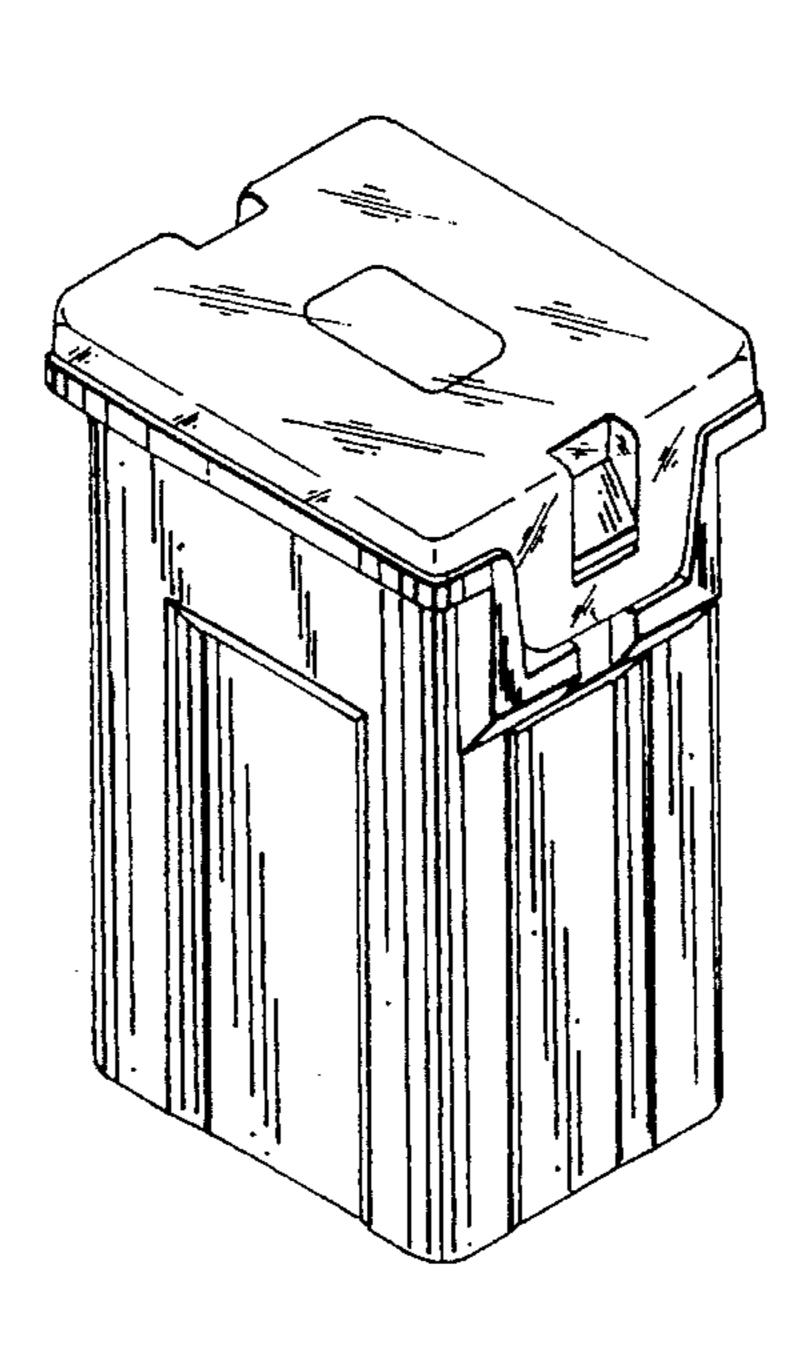
FIG. 24 is a cross-sectional view taken along with line 24—24 in FIG. 21.

In the attached drawings, the rear elevational view, not shown, is the same as the front elevational view and the left side elevational view, not shown, is the same as the right side elevational view.

The article of the present design is a fuse-link for automobiles to protect electrical circuits, especially the main power supply, motor loads etc.

FIGS. 6, 12 18 and 24 are cross-sectional views included for the purpose of showing surface contours which may not be clear from the remaining illustrations. Any features of internal construction which are incidentally shown form no part of the claimed design.

1 Claim, 12 Drawing Sheets



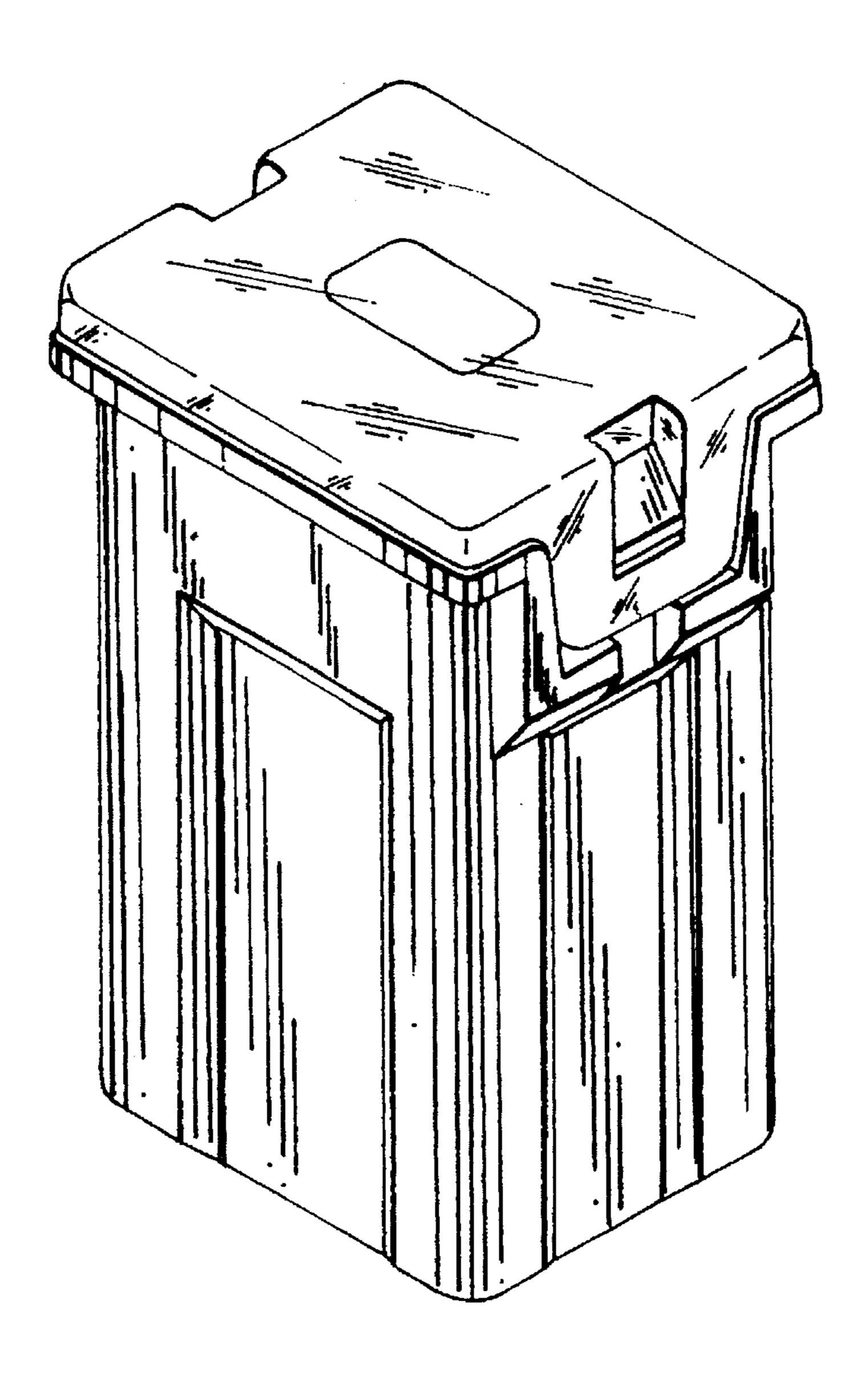


Fig. 2

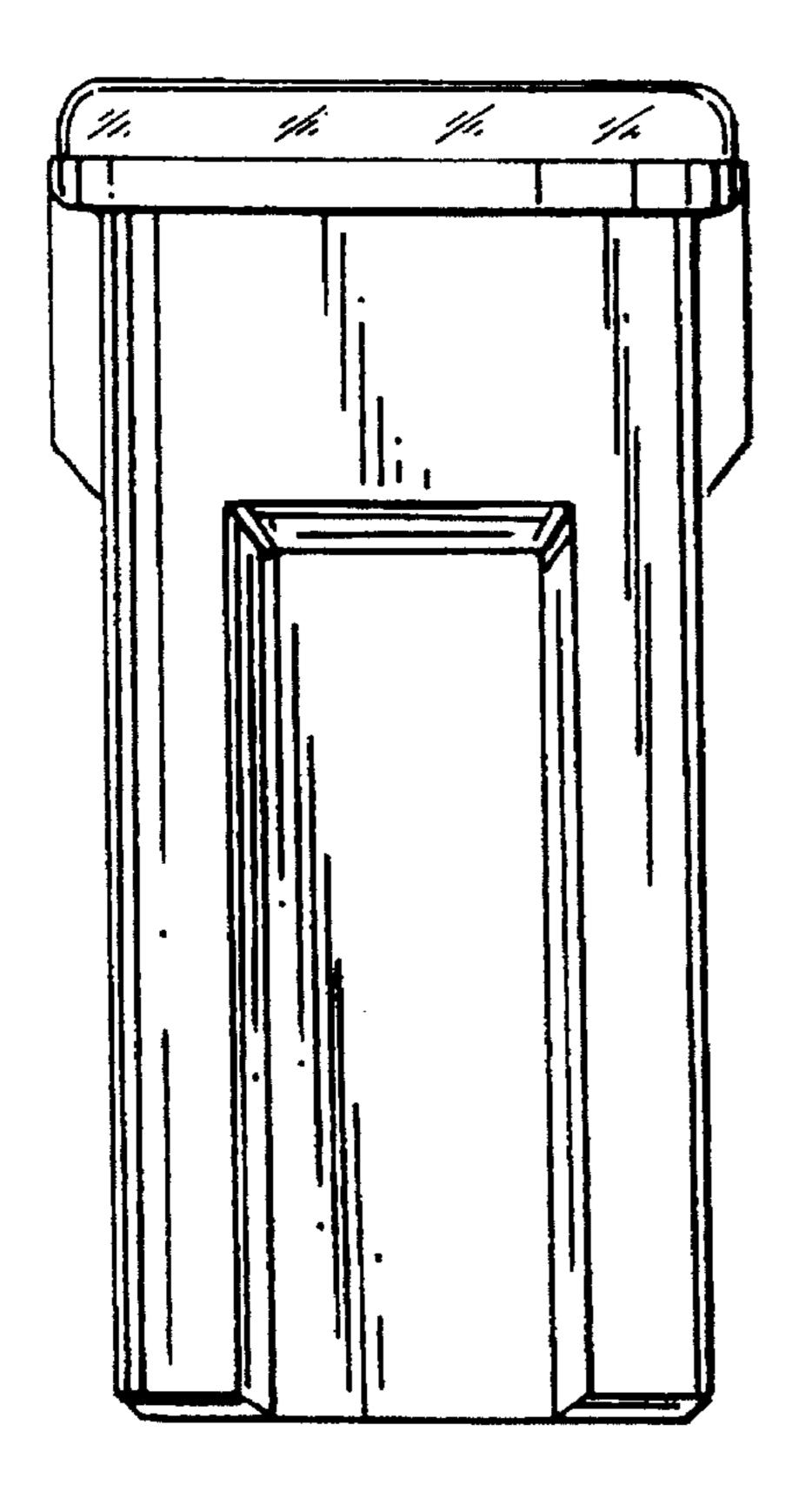


Fig. 4

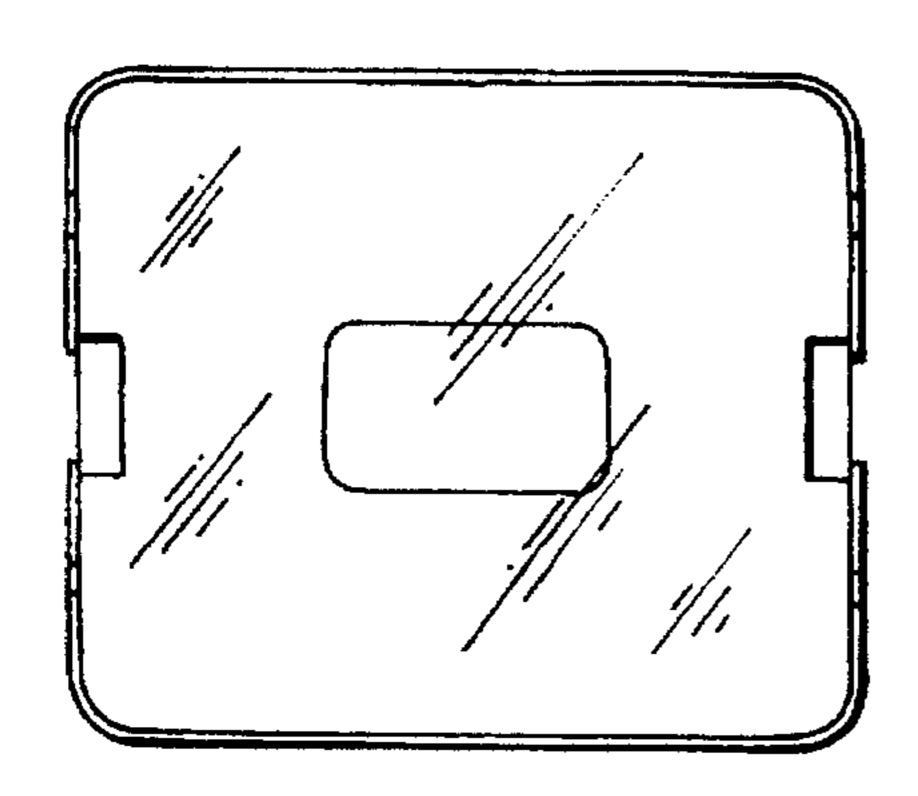


Fig. 3

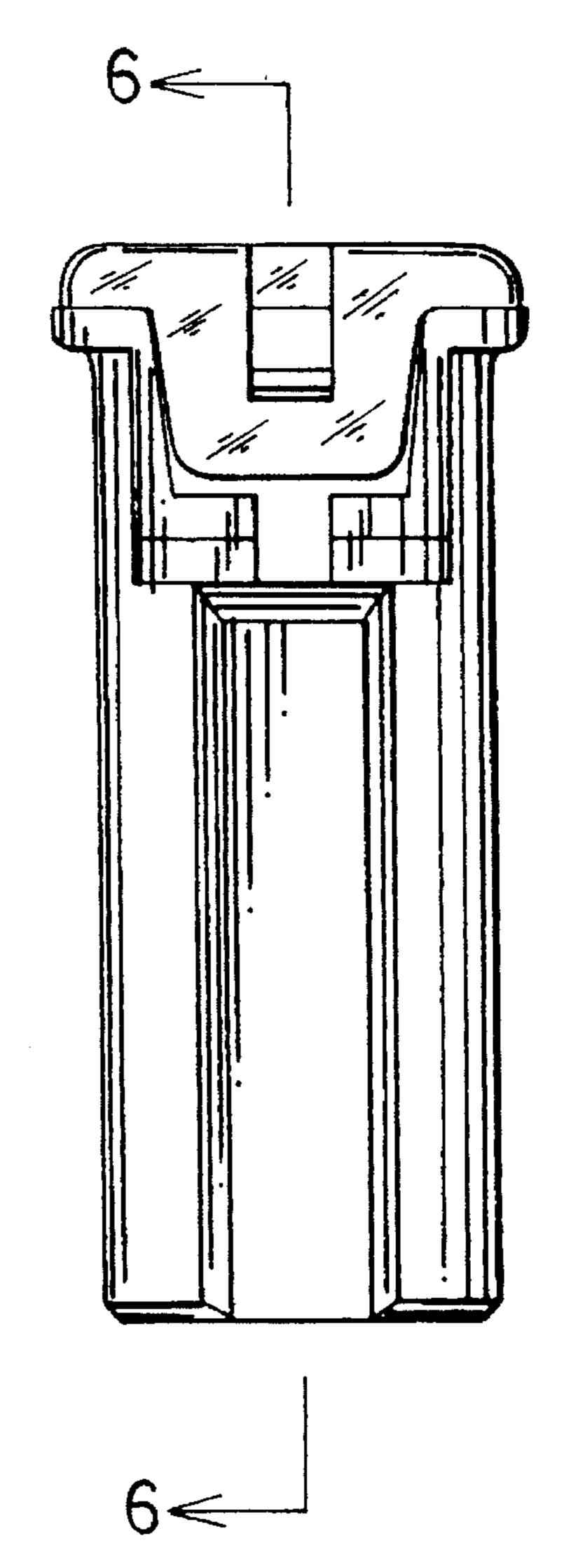
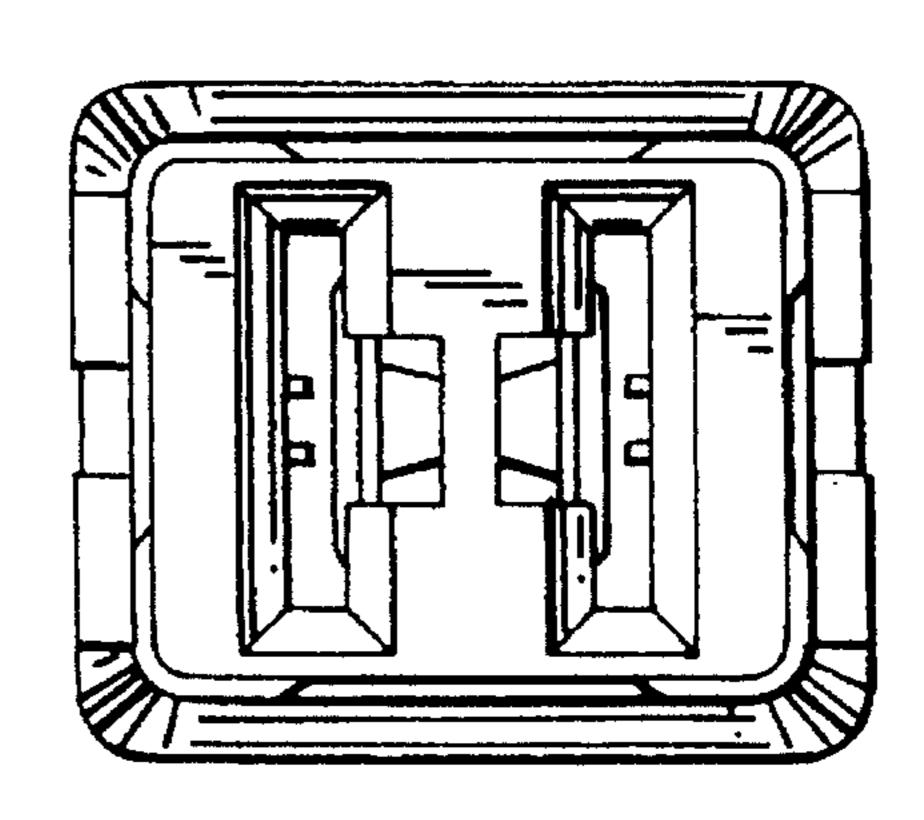
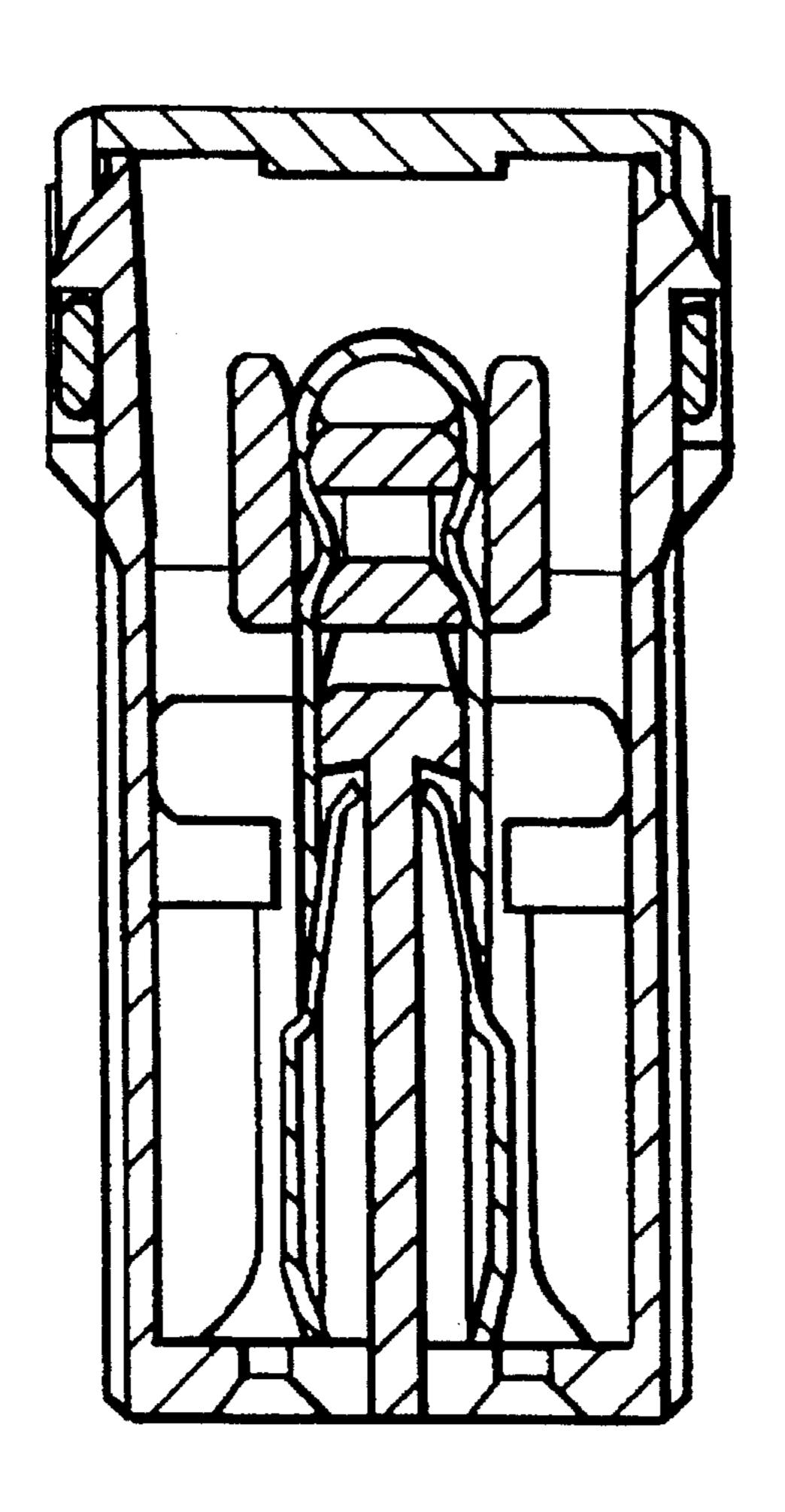
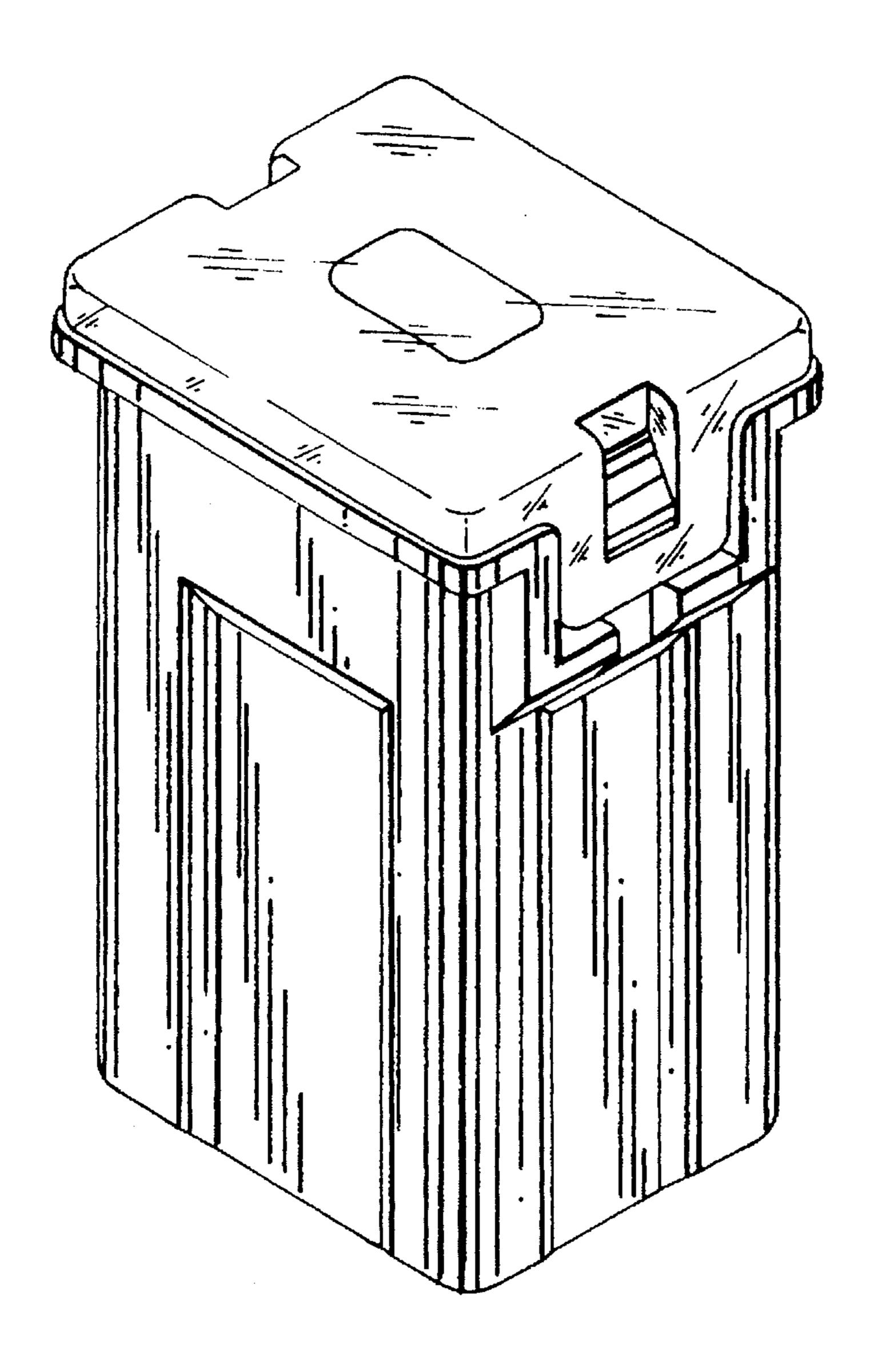


Fig. 5







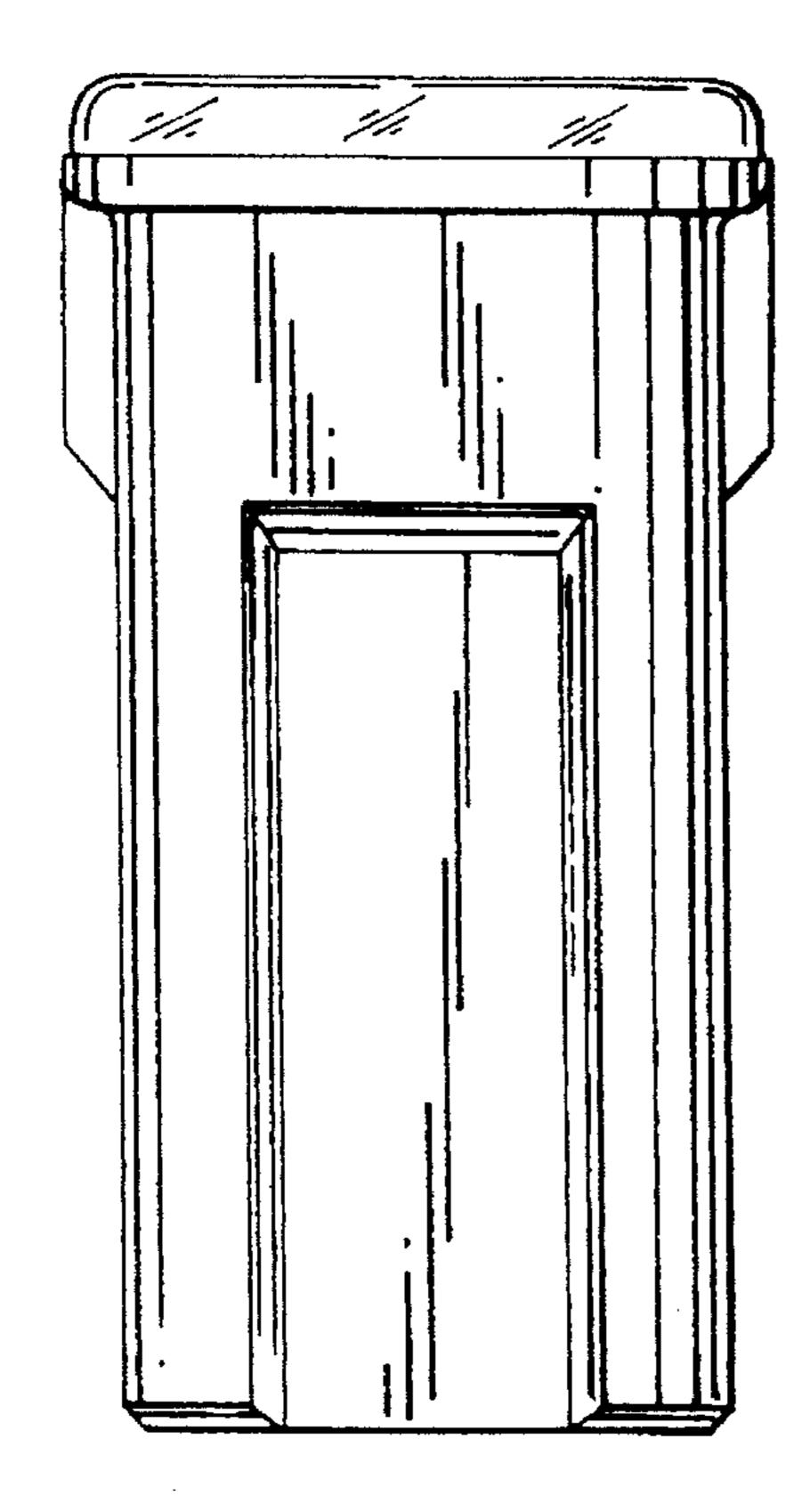
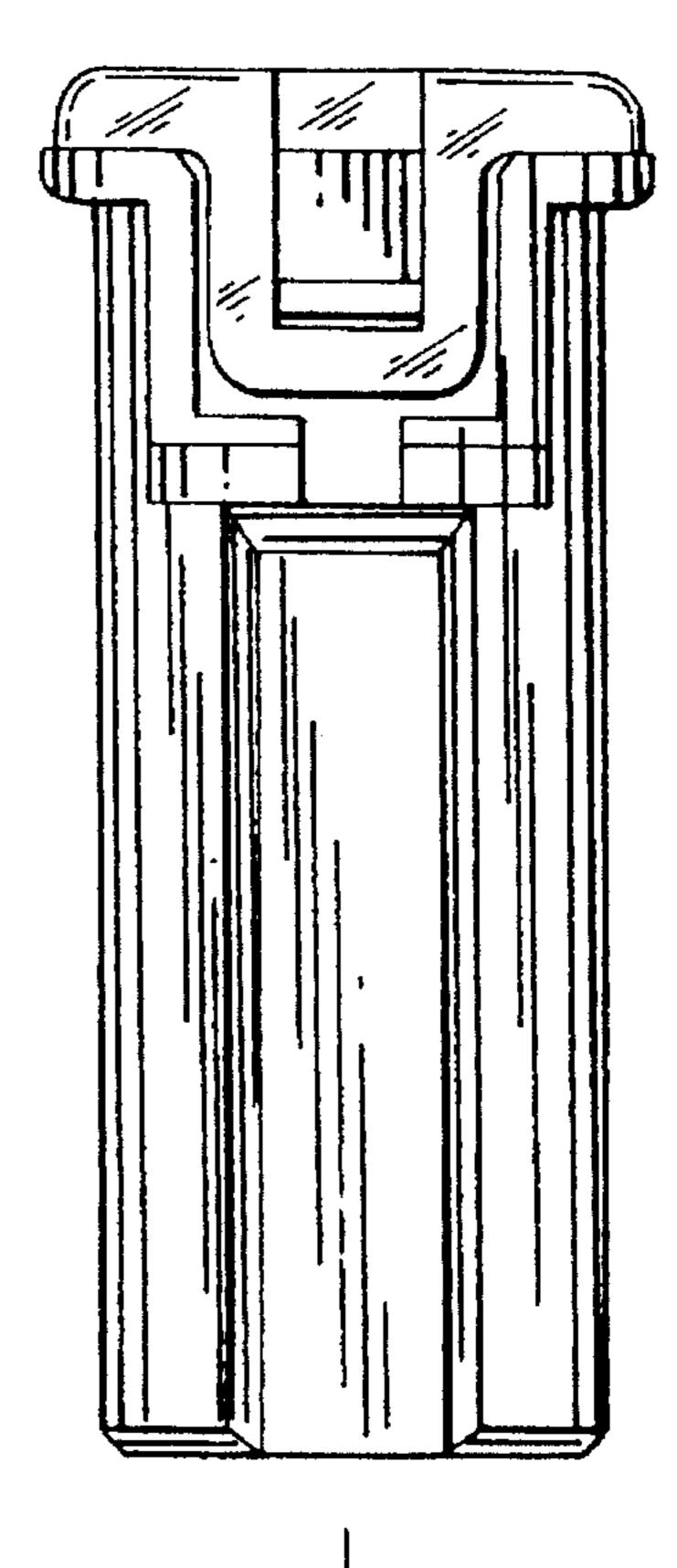


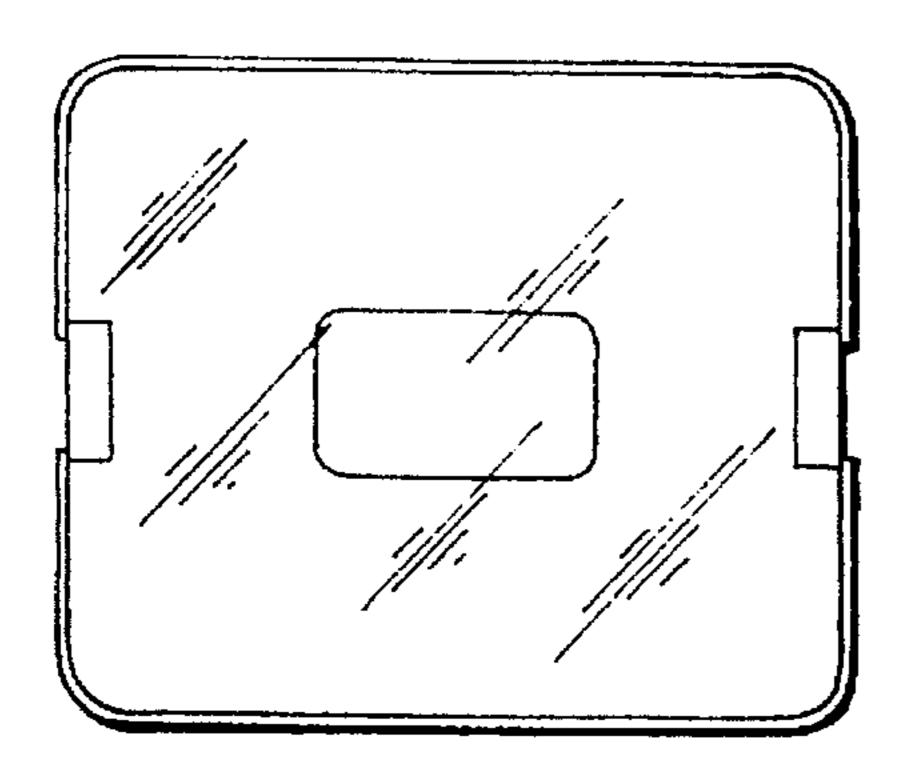
Fig. 9

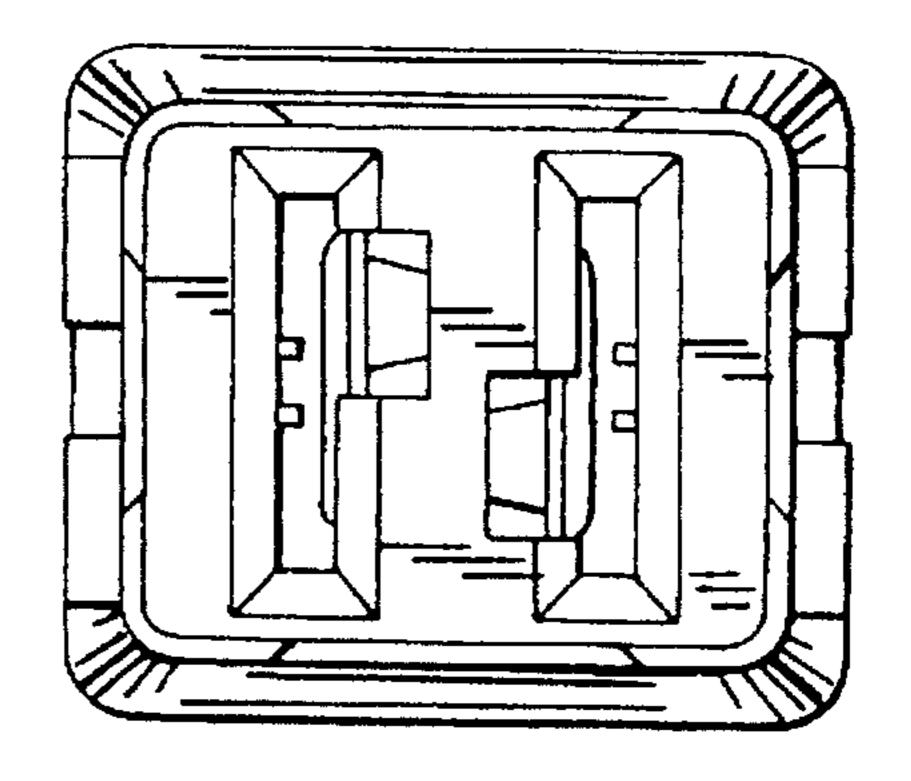
12

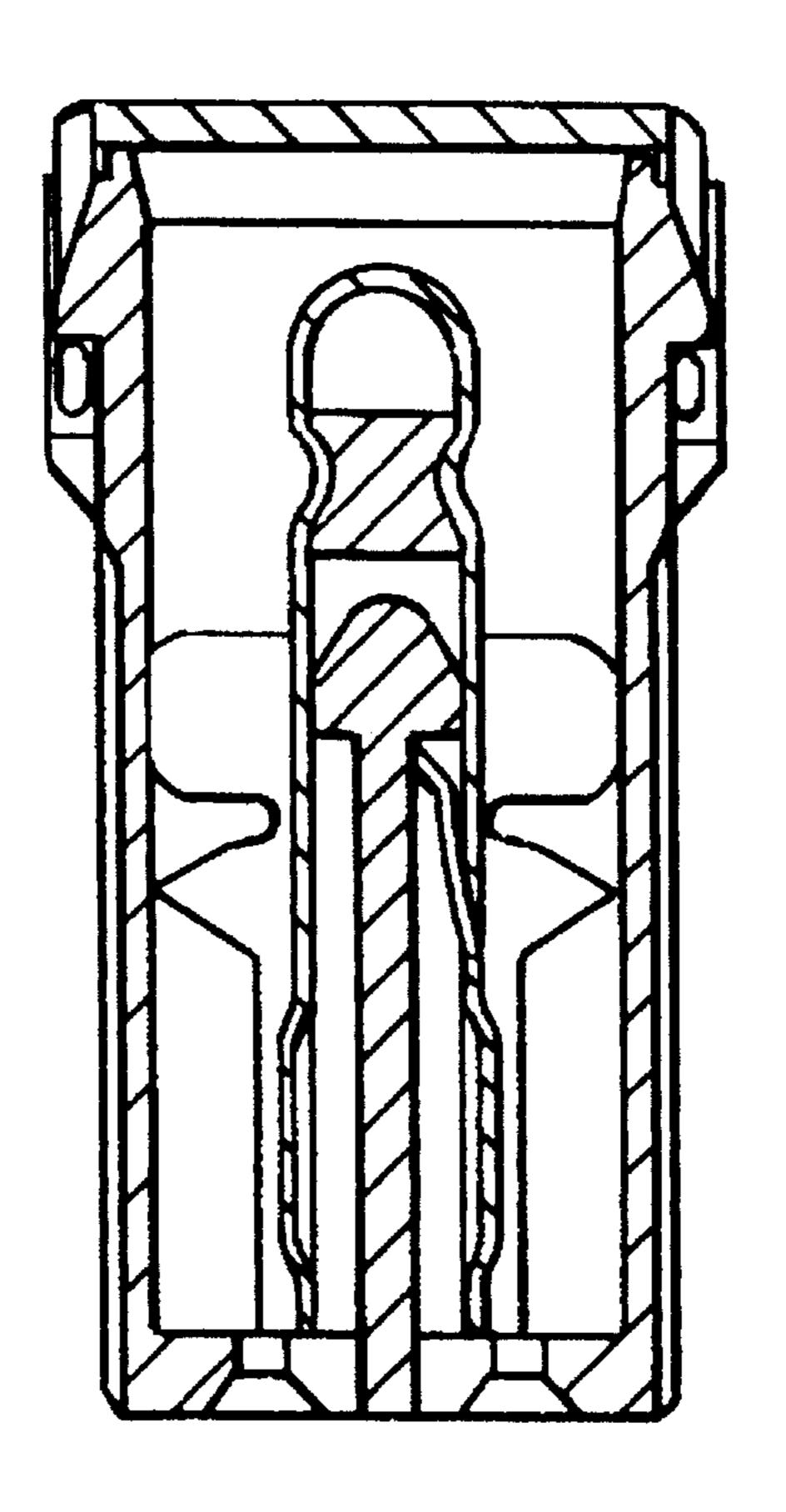


12

Fig. 10







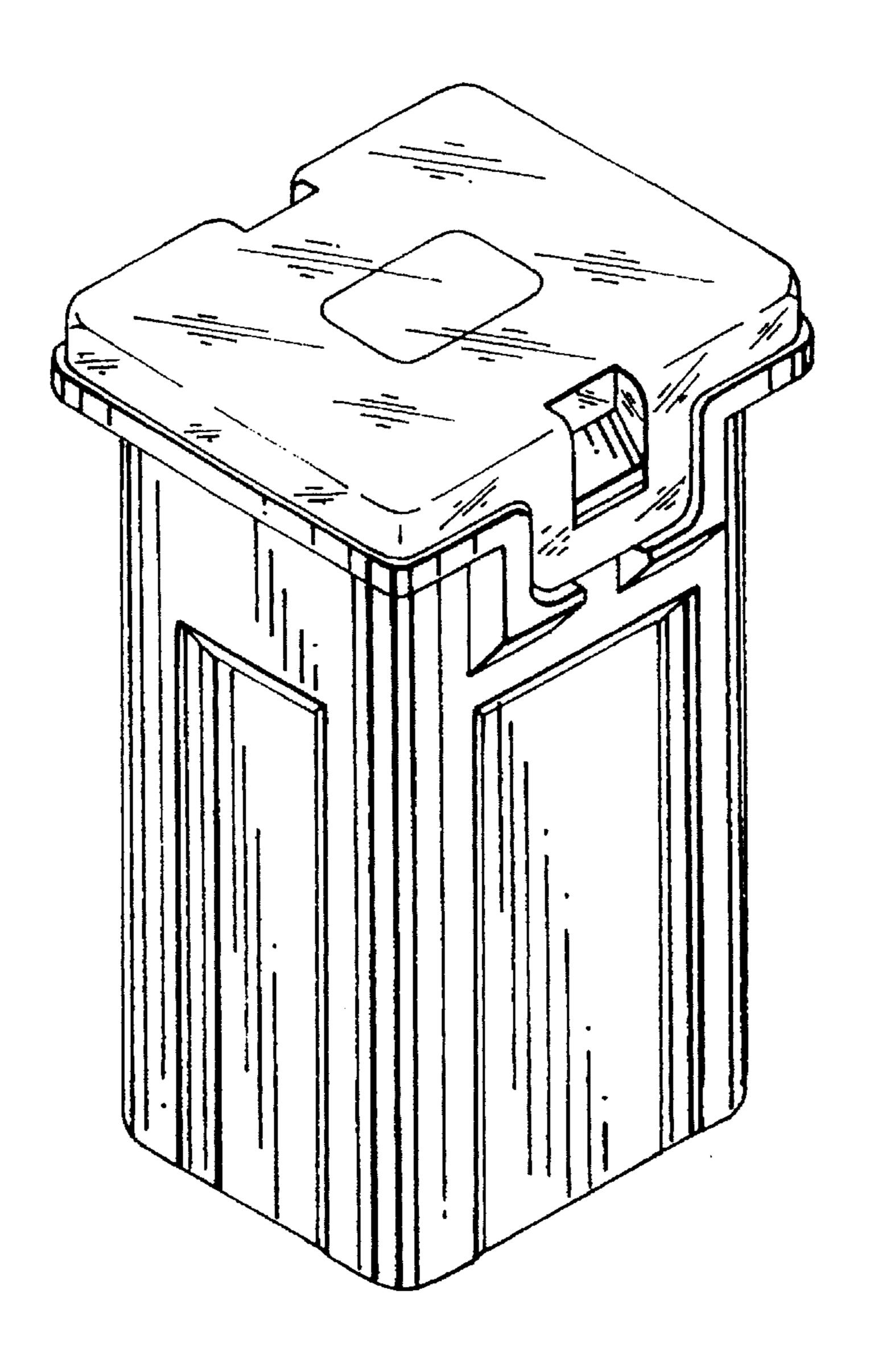


Fig. 14

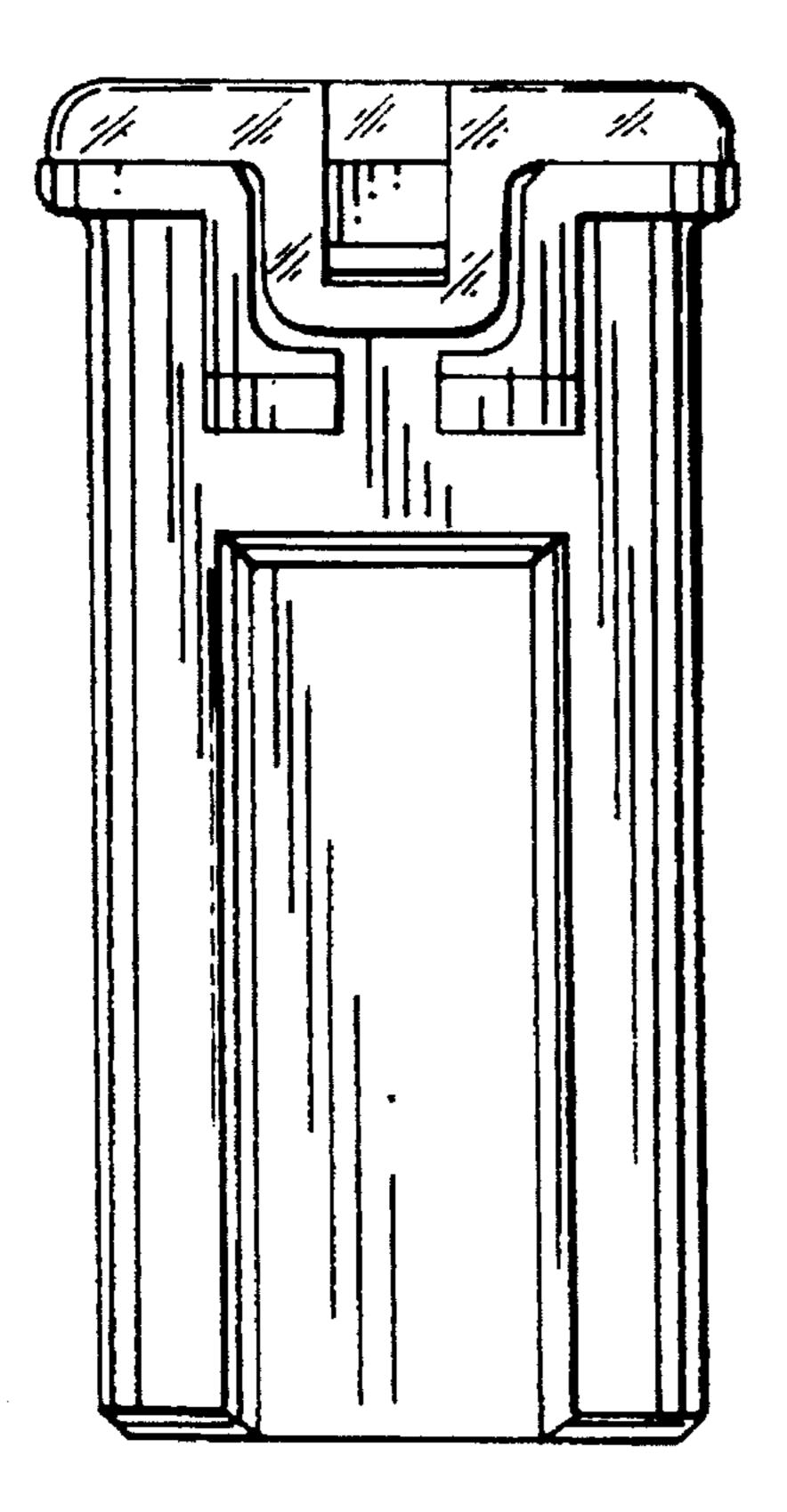


Fig. 16

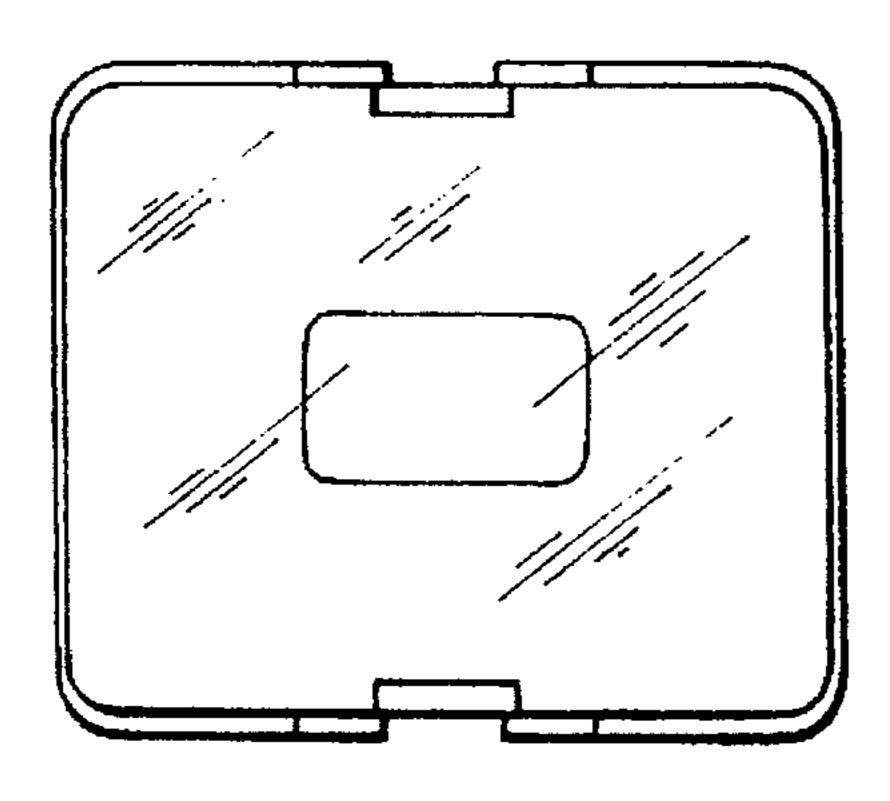


Fig. 15

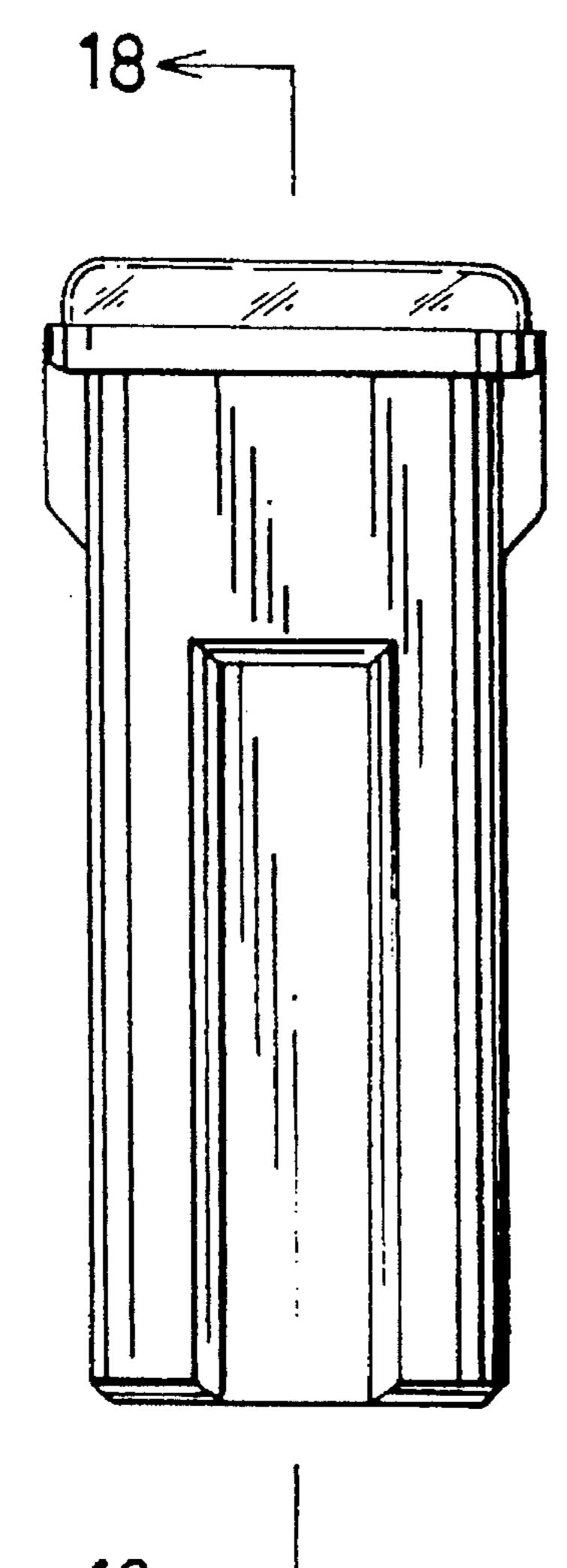


Fig. 17

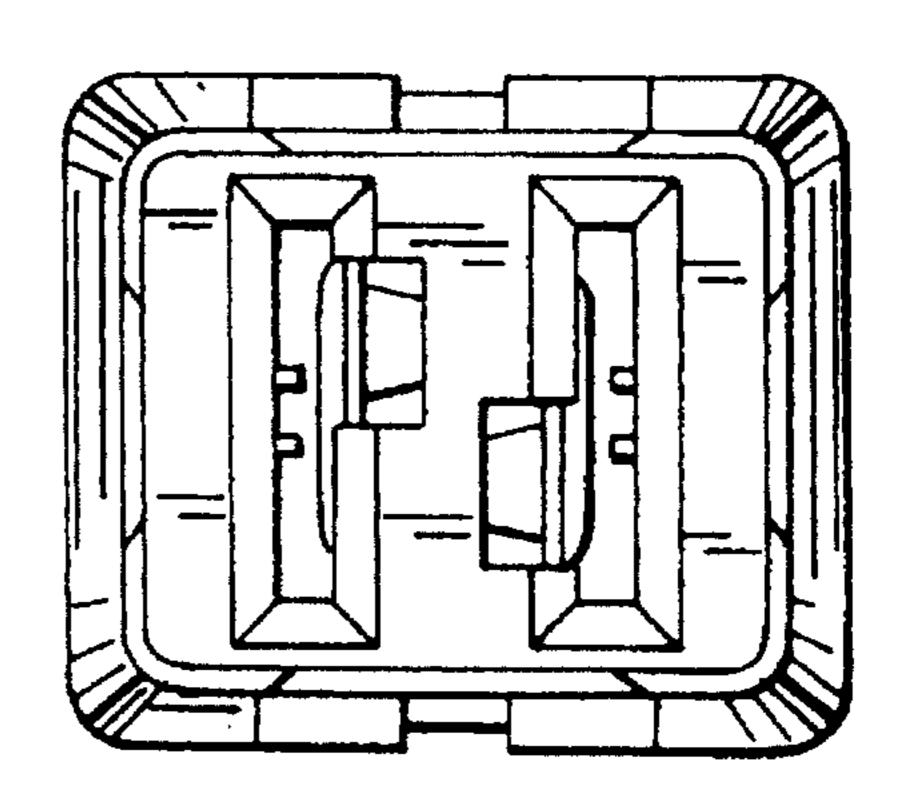
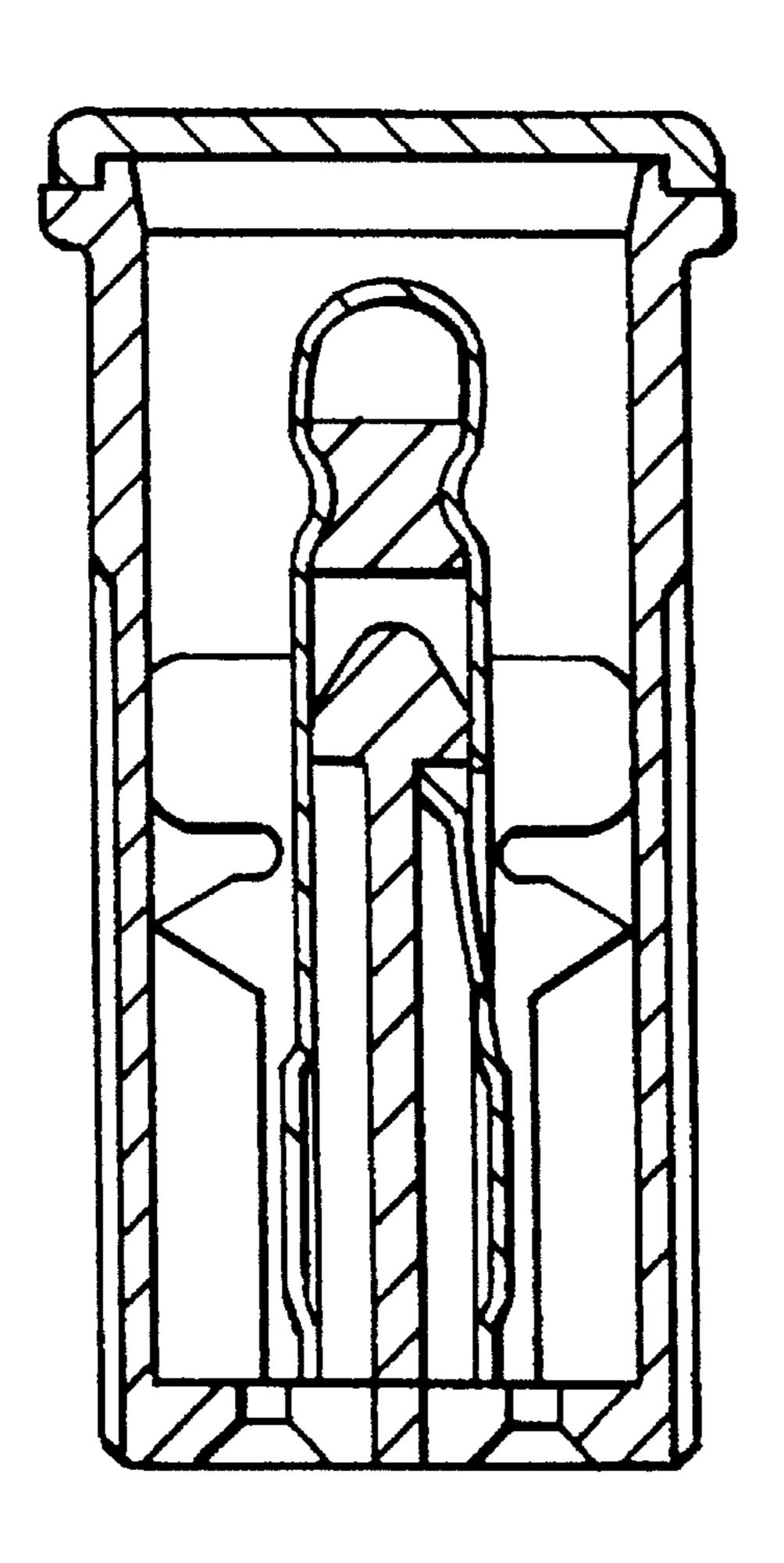


Fig. 18



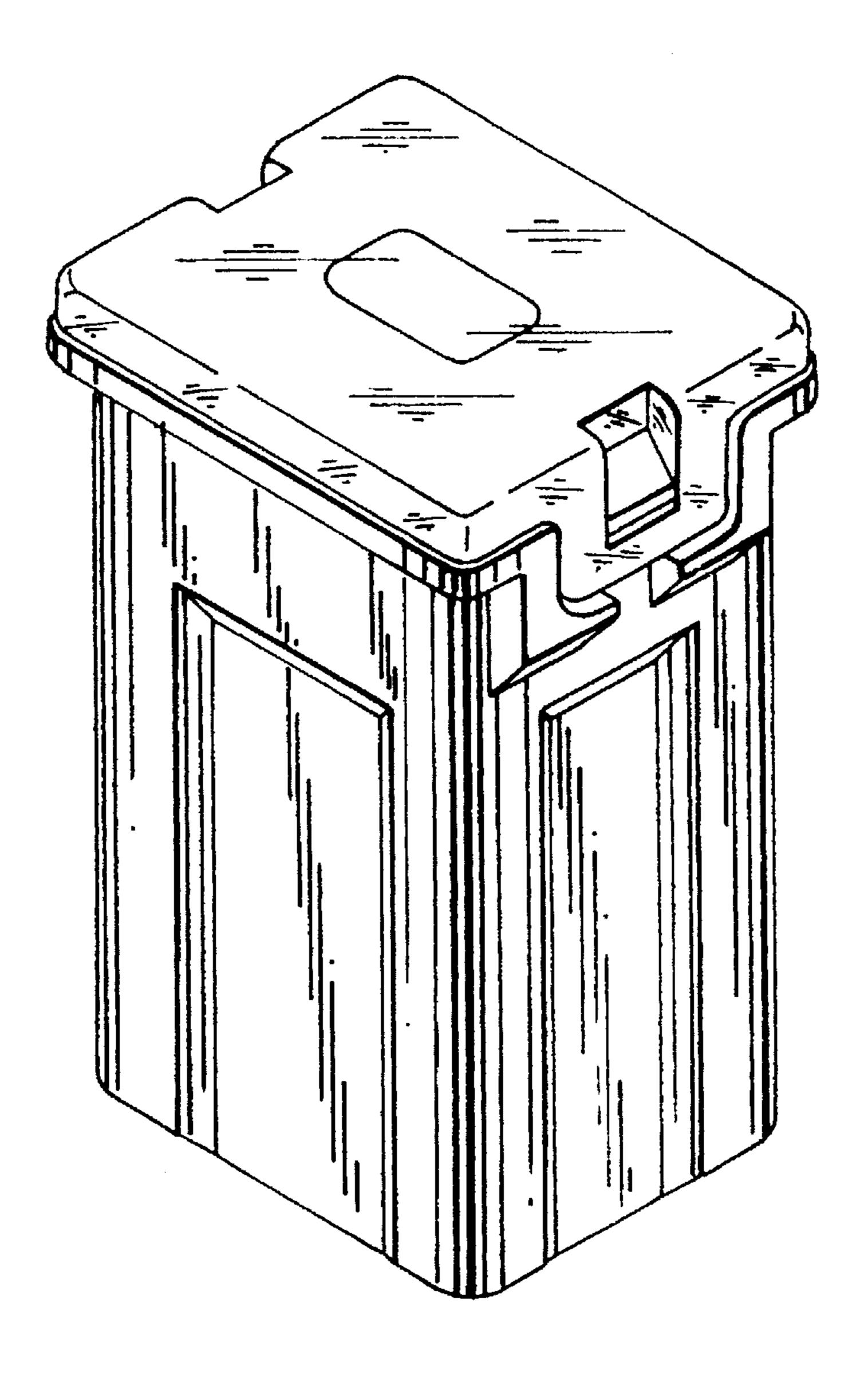
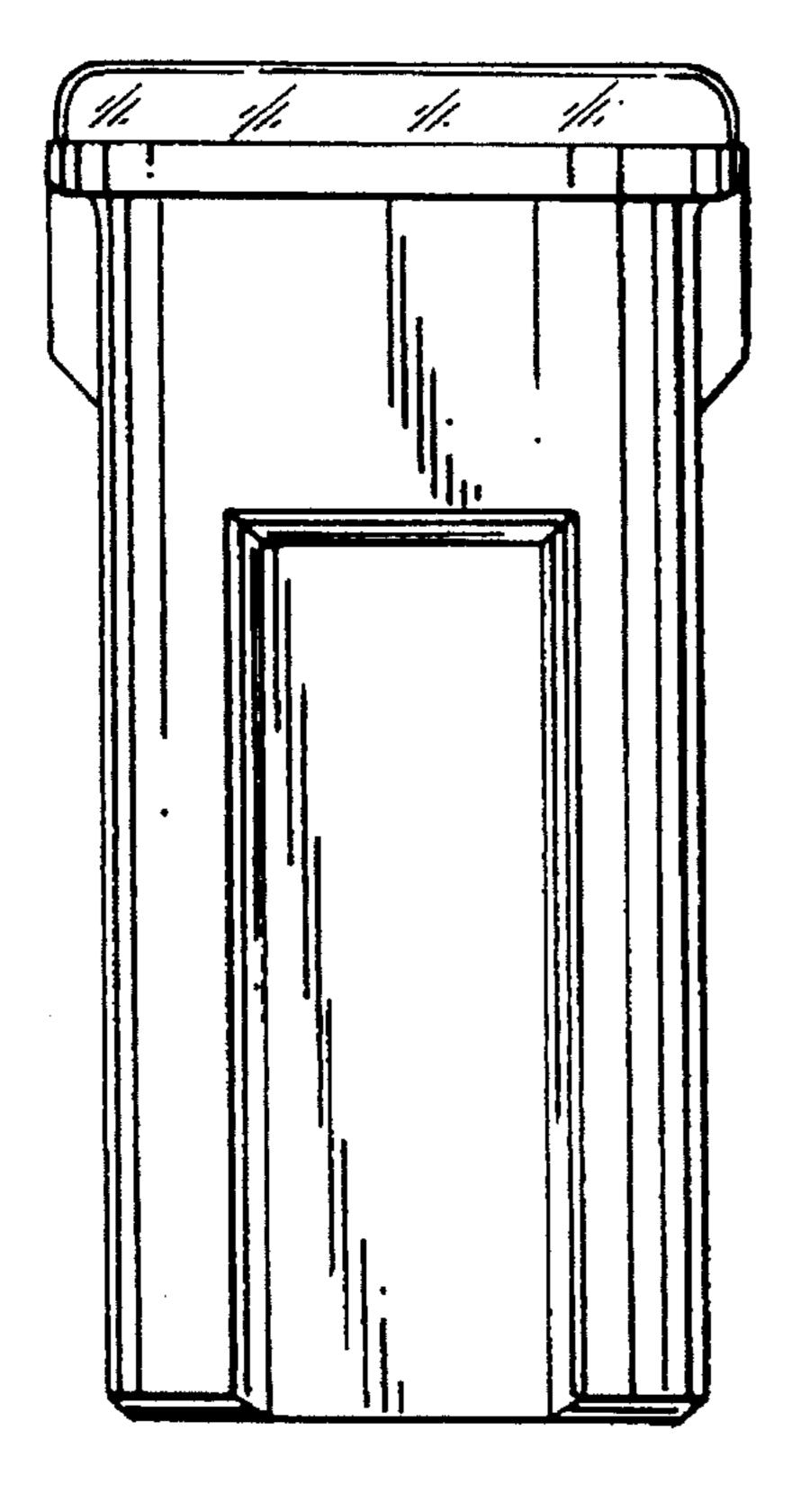
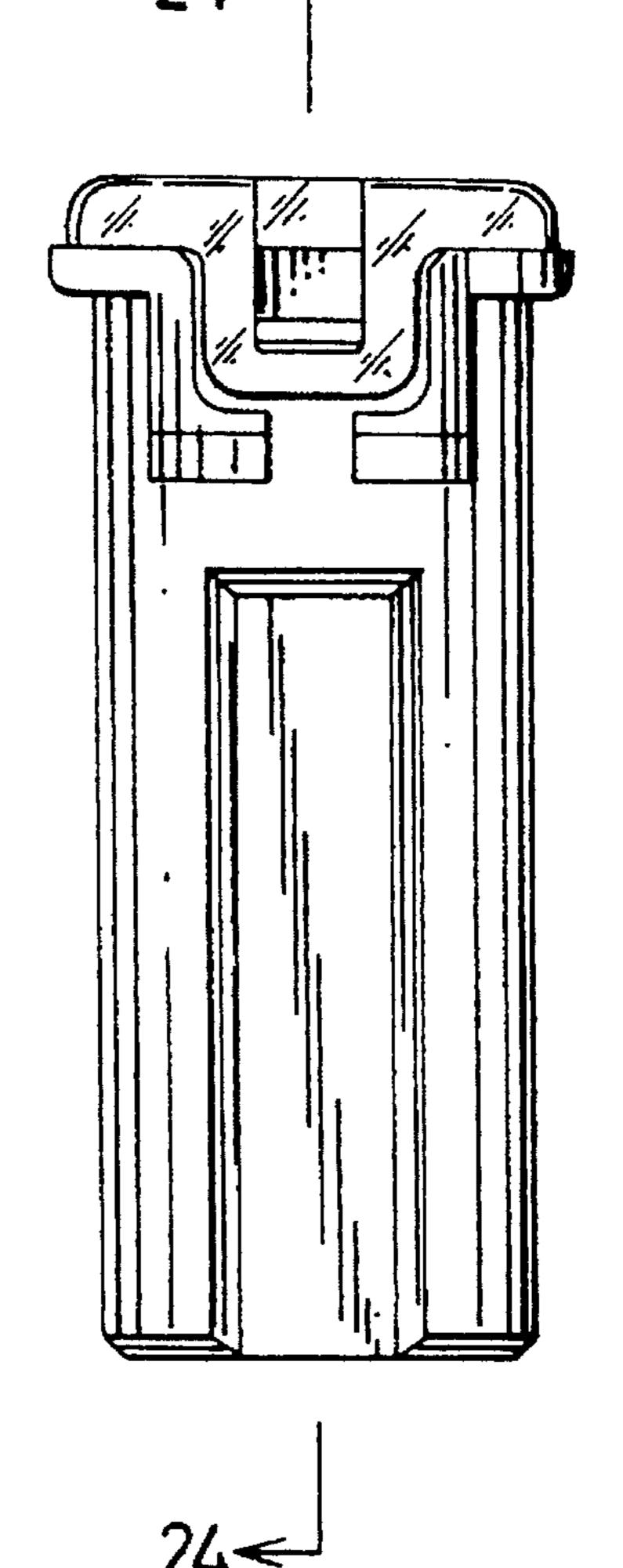


Fig. 20



F19.21



F19.22

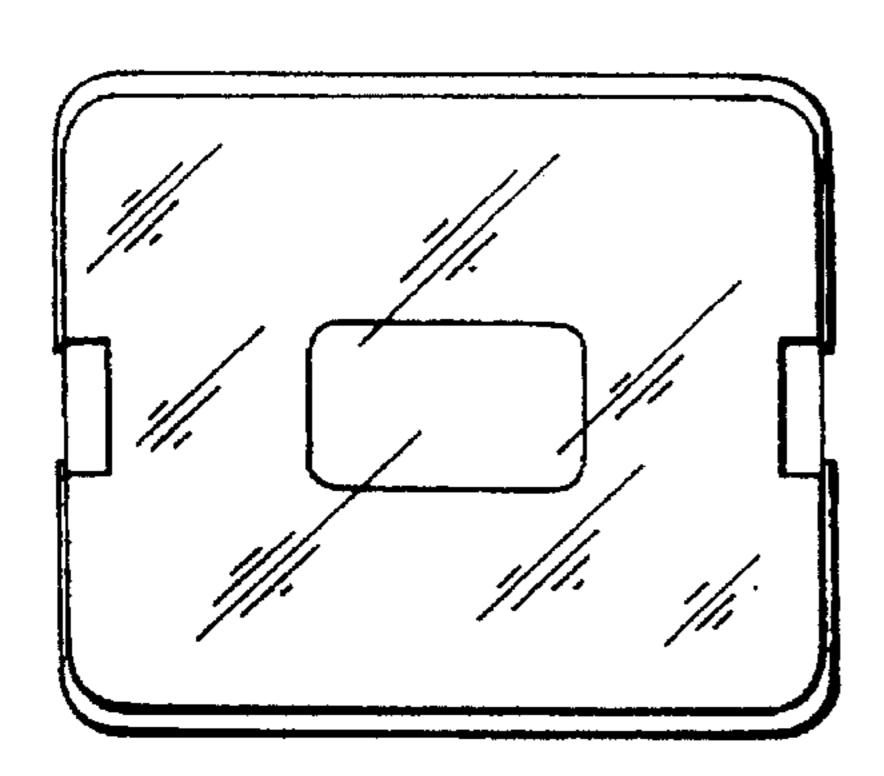


Fig. 23

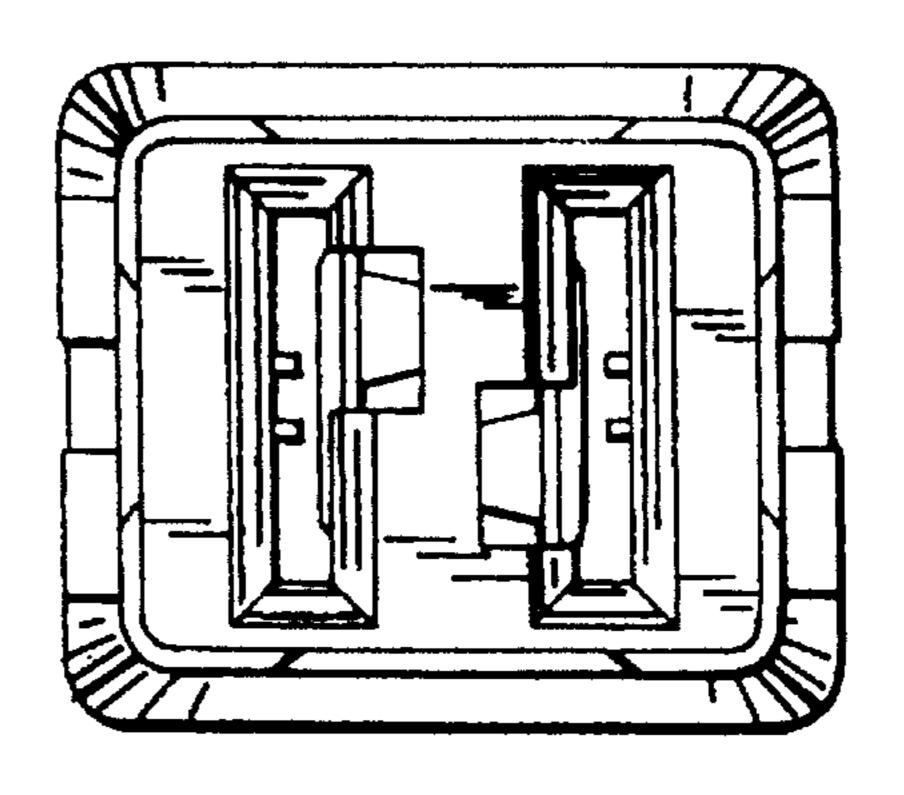


Fig. 24

