



US00D337557S

United States Patent [19]

Steinke et al.

[11] Patent Number: **Des. 337,557**

[45] Date of Patent: **** Jul. 20, 1993**

[54] **DISC BRAKE SHIM**

5,129,487 7/1992 Kobayashi et al. 188/73.1

[75] Inventors: **Gustav J. Steinke; Starla D. Huffer,**
both of Lima, Ohio

Primary Examiner—Wallace R. Burke
Assistant Examiner—Melody N. Brown
Attorney, Agent, or Firm—Edgar A. Zarins; Malcolm L. Sutherland

[73] Assignee: **International Brake Industries, Inc.,**
Lima, Ohio

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

[57] **CLAIM**

The ornamental design for a disc brake shim, as shown and described.

[21] Appl. No.: **798,402**

[22] Filed: **Nov. 26, 1991**

[52] U.S. Cl. **D12/180**

[58] Field of Search **D12/180; 188/73.1, 250 B**

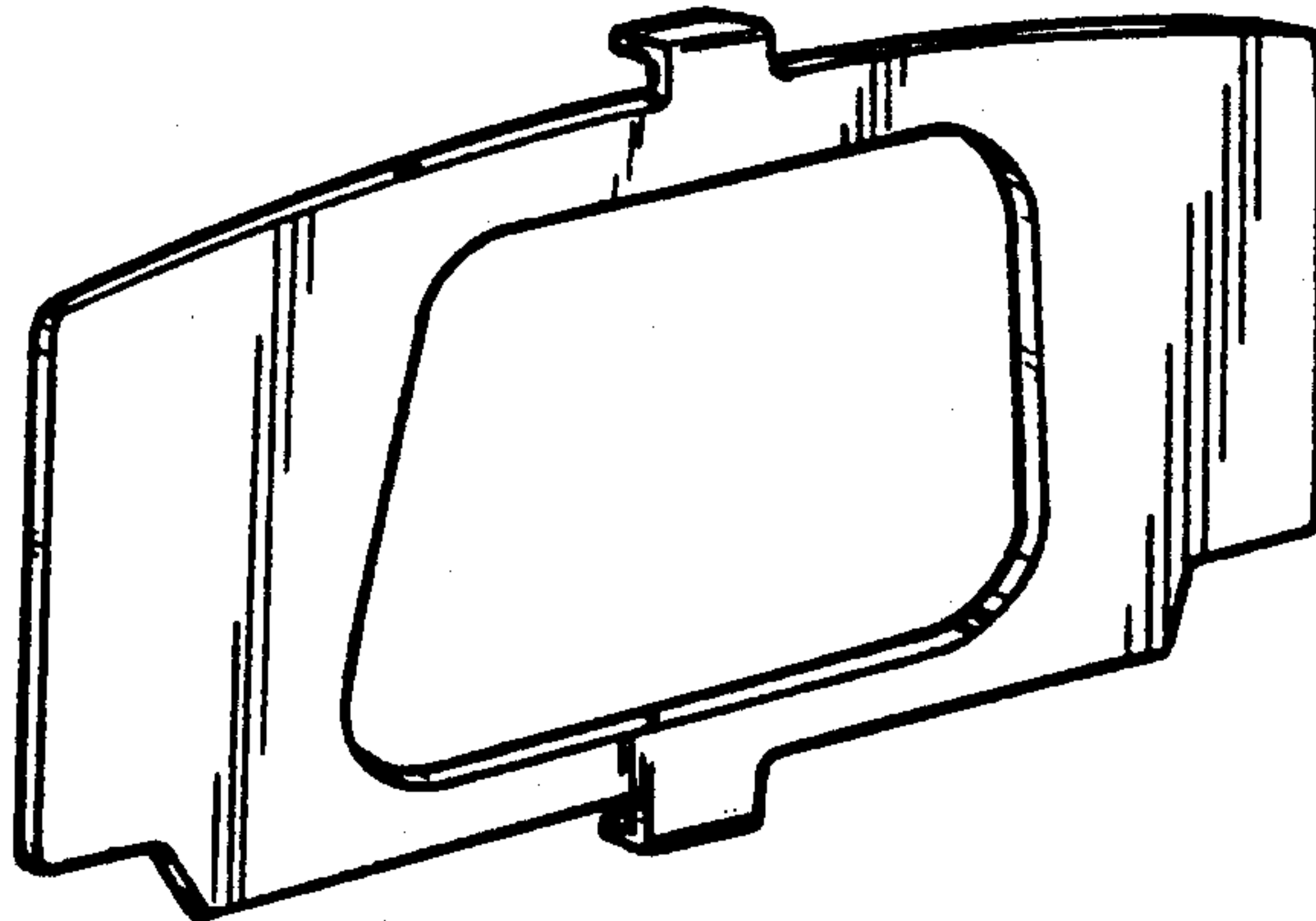
DESCRIPTION

FIG. 1 is an elevated perspective of a first embodiment of a disc brake shim showing our new design; FIG. 2 is a left side elevational view thereof; FIG. 3 is a front elevational view thereof; FIG. 4 is a top plan view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a rear elevational view thereof; FIG. 7 is a bottom plan view thereof; and, FIG. 8 is an elevated perspective of a second embodiment of the disc brake shim.

[56] **References Cited**

U.S. PATENT DOCUMENTS

4,230,207	10/1980	Stahl	188/73.1
4,836,339	6/1989	Kobayashi et al.	188/73.1
4,846,312	7/1989	Sweetmore et al.	188/73.1
4,926,978	5/1990	Shibata et al.	188/73.1



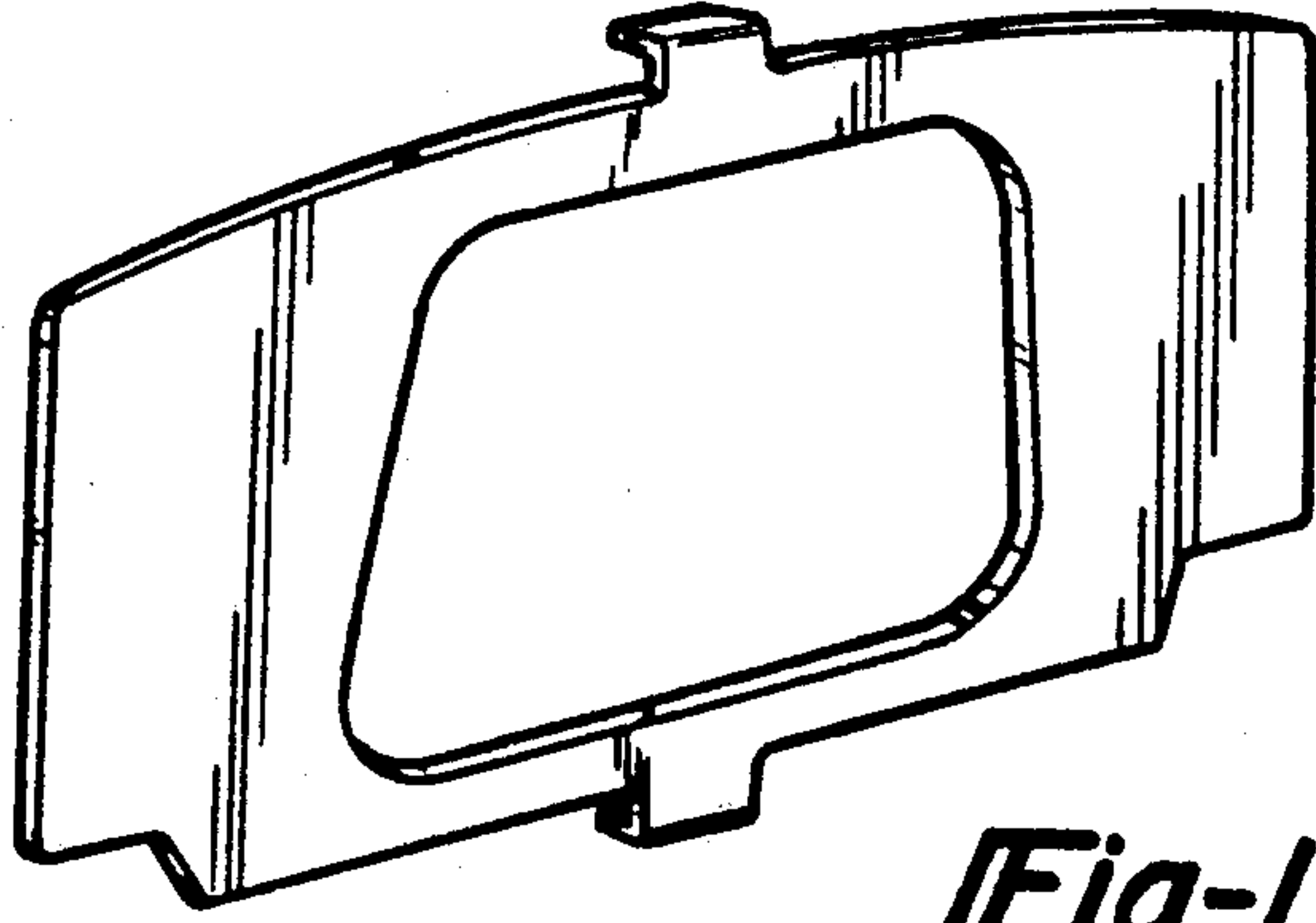


Fig-1



Fig-2

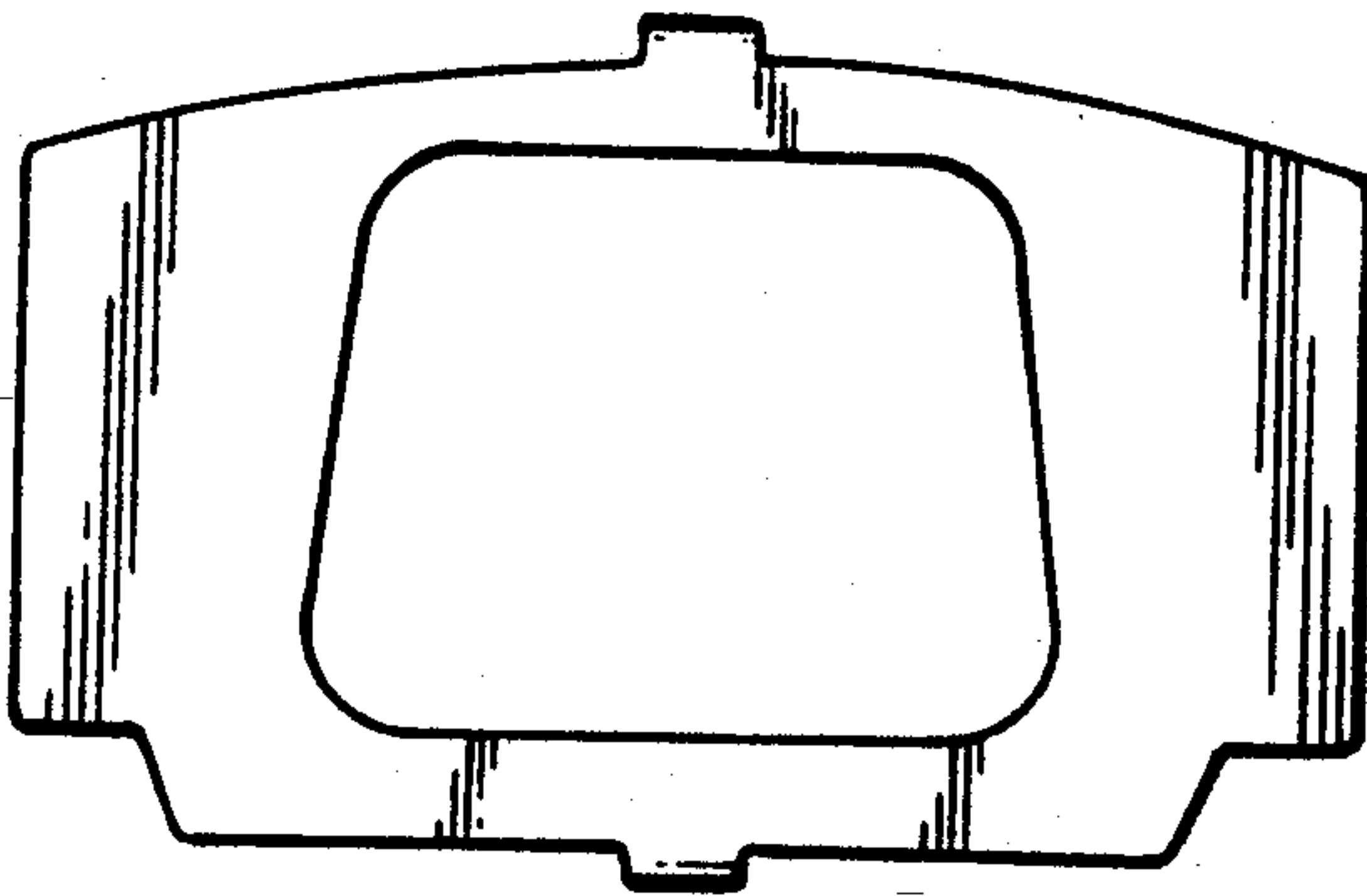


Fig-3



Fig-4



Fig-5

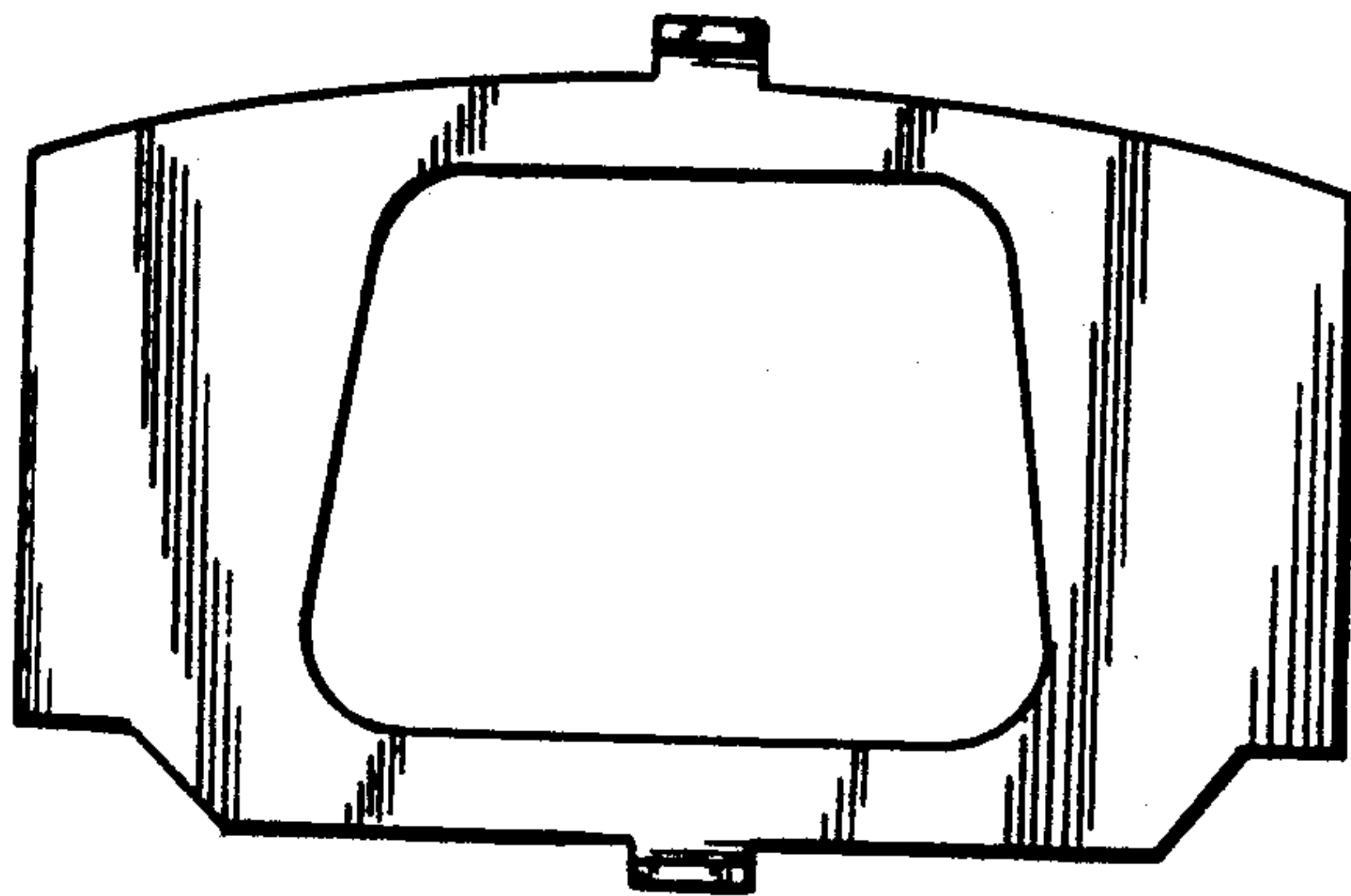


Fig-6



Fig-7

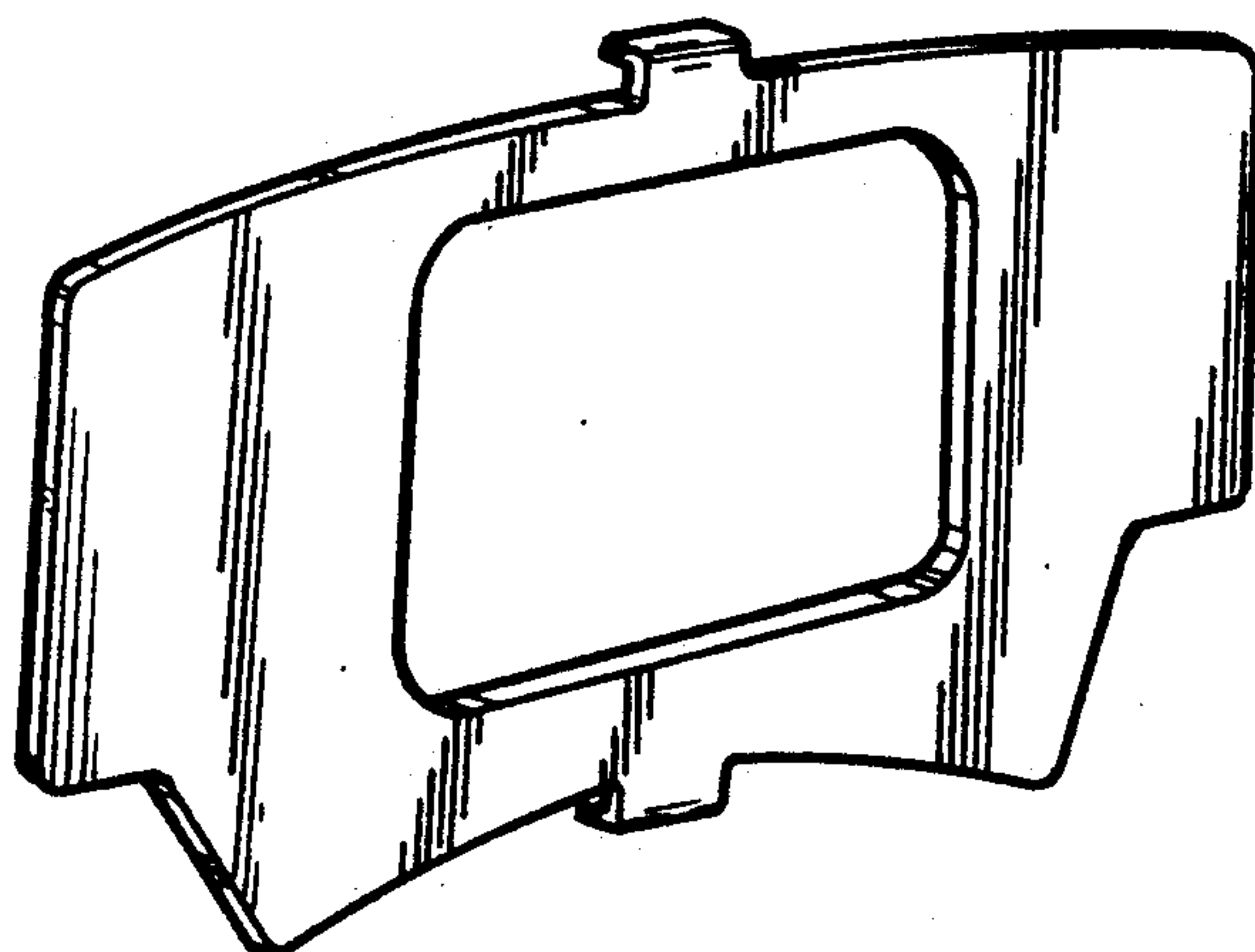


Fig-8