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United States Patent [19]

Steinke et al.

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[54] **DISC BRAKE SHIM**

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both of Lima, Ohio

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

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

[21] Appl. No.: **799,624**

[22] Filed: **Nov. 27, 1991**

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

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

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,277,093	1/1985	Caplygin	D12/180
4,220,223	9/1980	Rinker et al.	188/73.1
4,846,312	7/1989	Sweetmore et al.	188/73.1
5,129,487	7/1992	Kobayashi et al.	188/73.1

FOREIGN PATENT DOCUMENTS

2048584 4/1972 Fed. Rep. of Germany 188/73.1

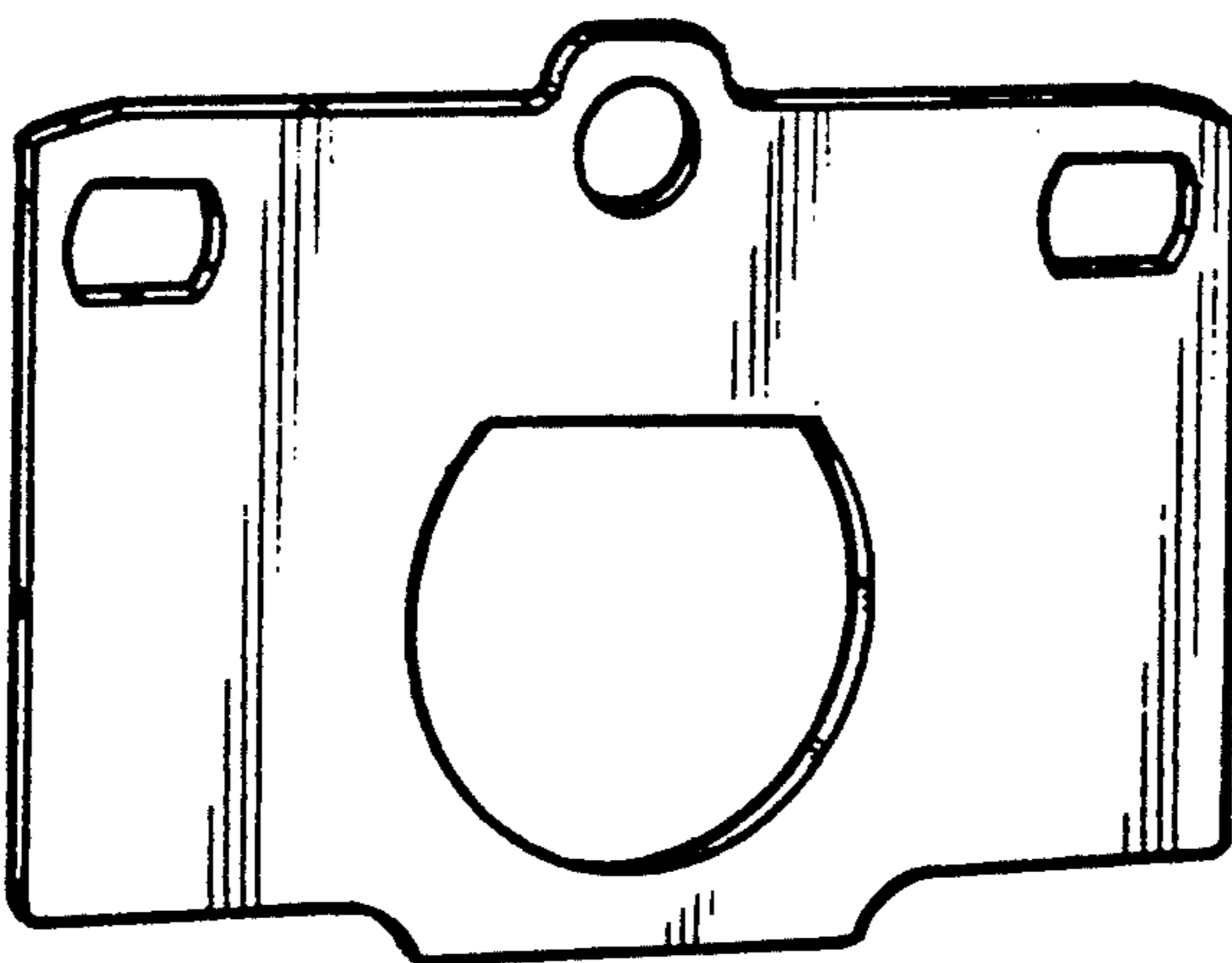
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Attorney, Agent, or Firm—Edgar A. Zarins; Malcolm L. Sutherland

[57] **CLAIM**

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

DESCRIPTION

FIG. 1 is an elevated perspective 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; and,
FIG. 7 is a bottom plan view thereof.



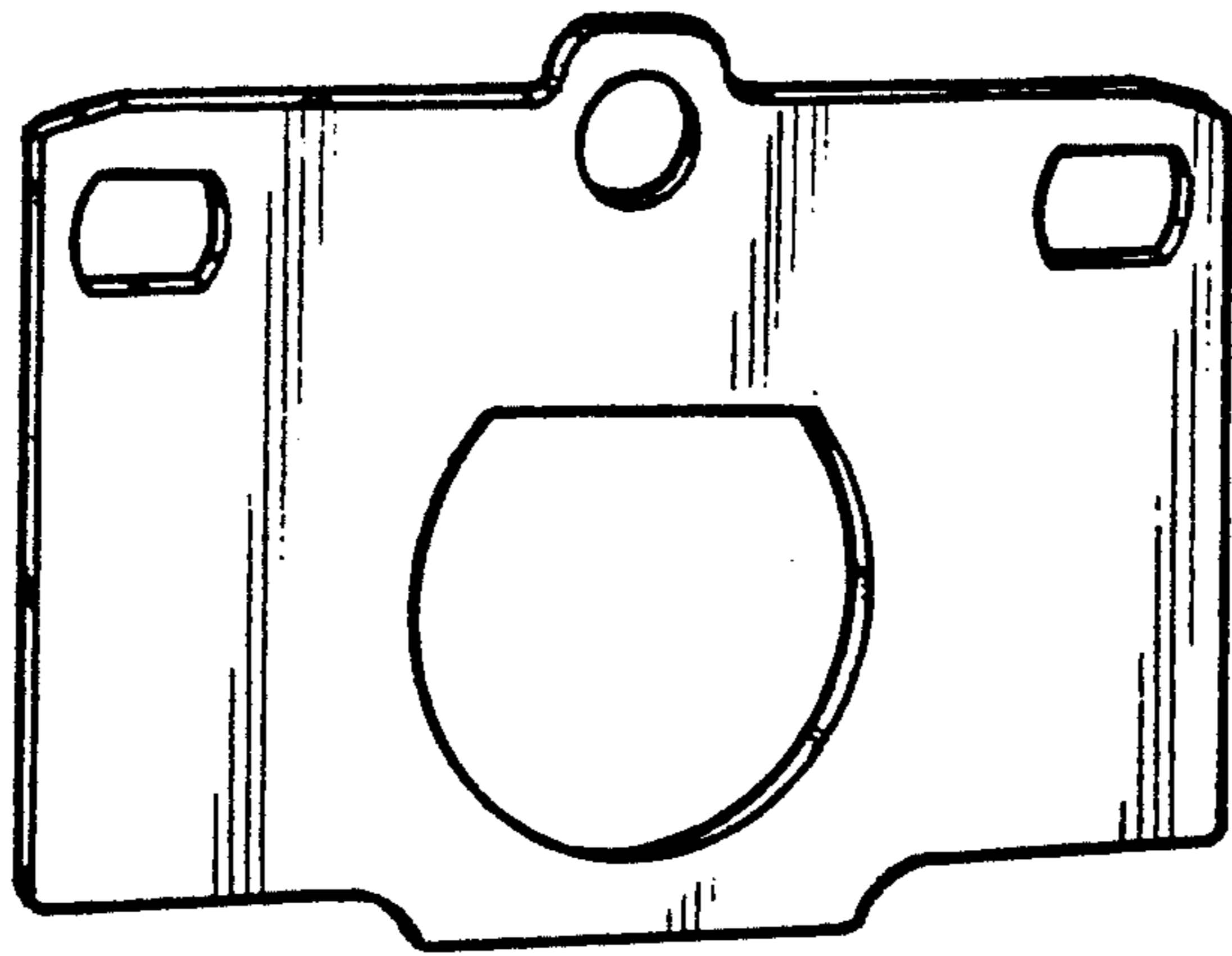


Fig-1



Fig-2

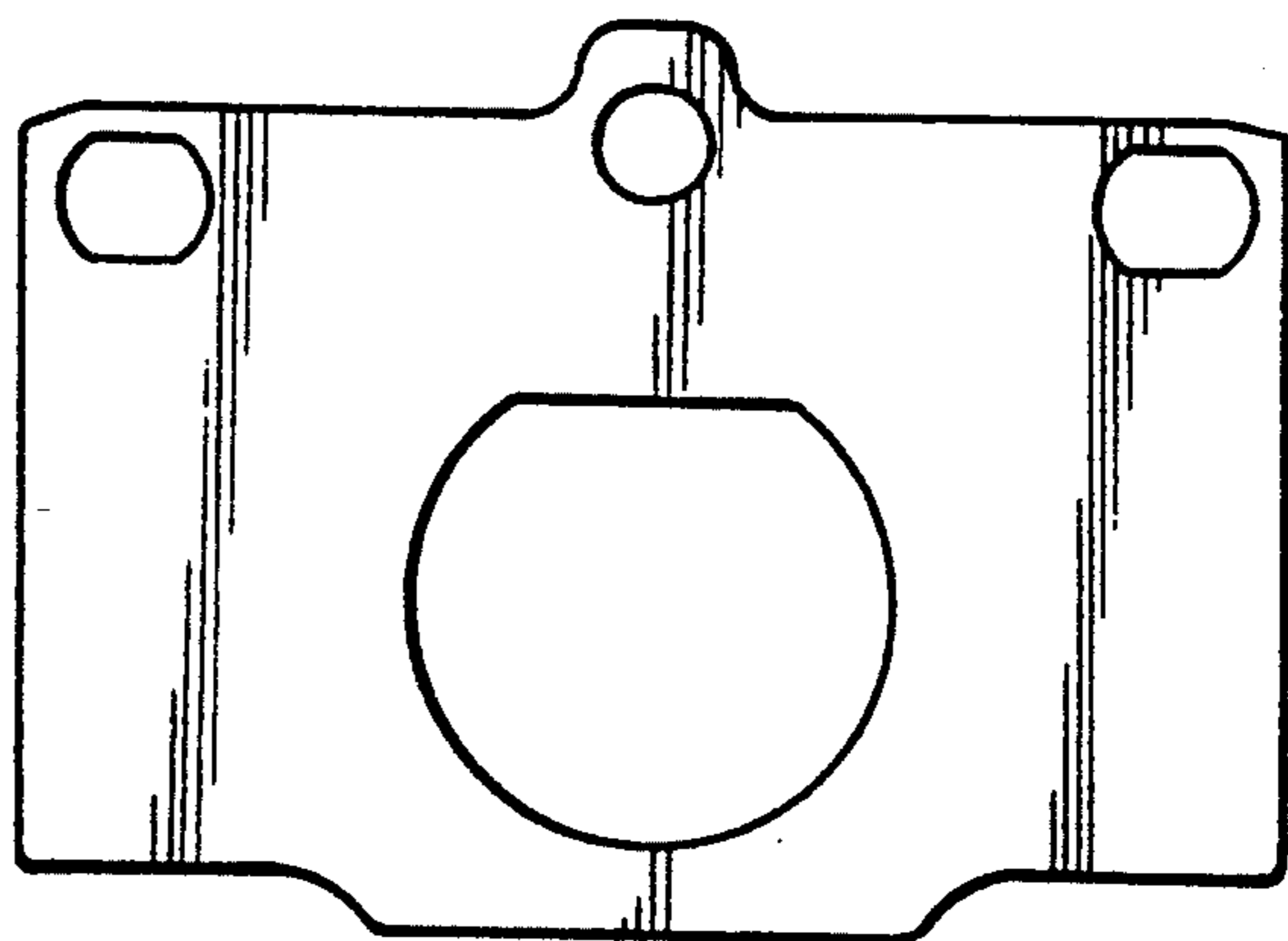


Fig-3



Fig-4

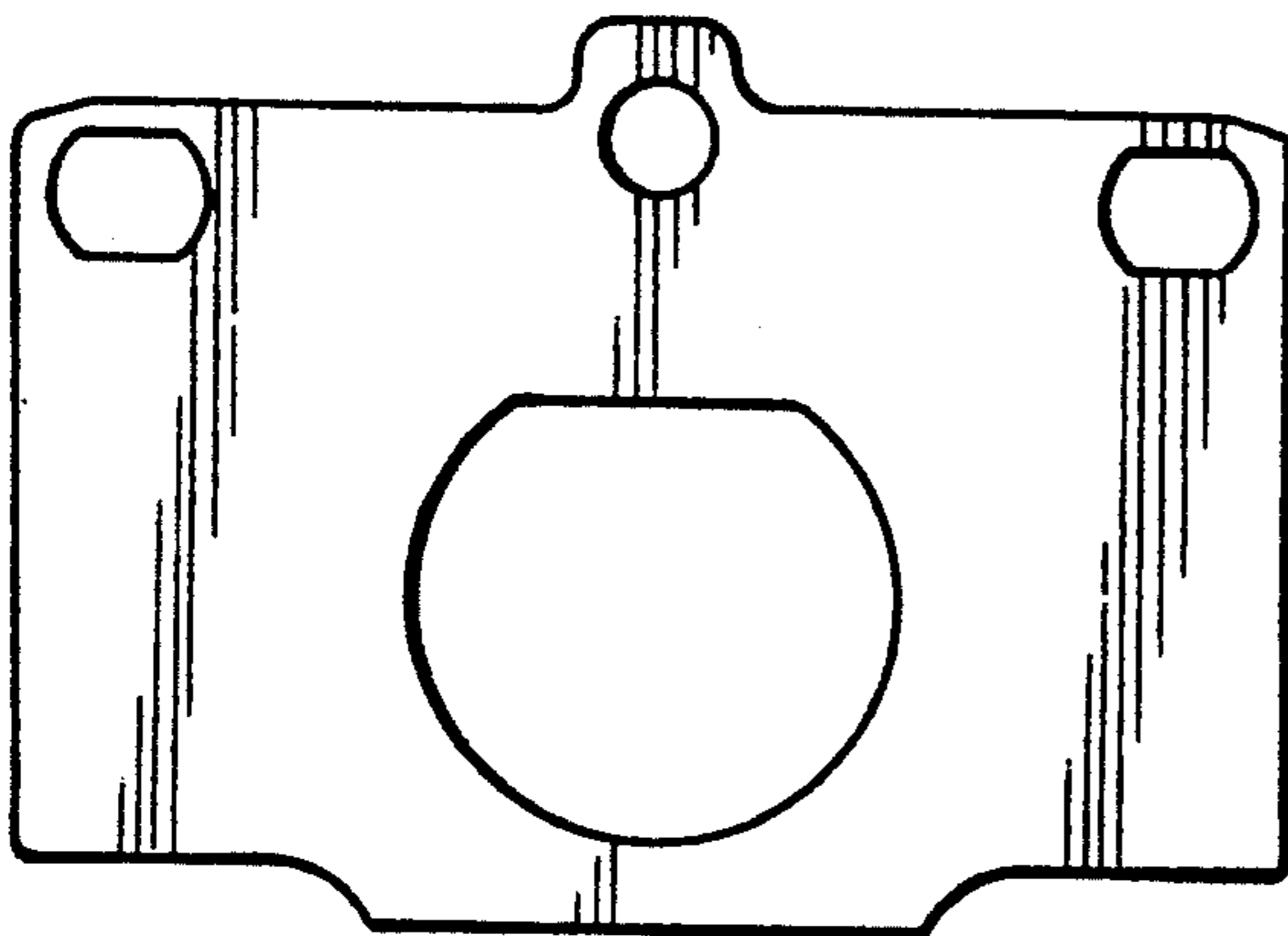


Fig-6



Fig-5



Fig-7