



US00D394235S

United States Patent

[19]

Steinke et al.

[11] Patent Number: Des. 394,235

[45] Date of Patent: **May 12, 1998

[54] DISC BRAKE SHIM

[75] Inventors: Gustav J. Steinke; Starla D. Huffer,
both of Lima, Ohio[73] Assignee: International Brake Industries, Inc.,
Lima, Ohio

[**] Term: 14 Years

[21] Appl. No.: 15,859

[22] Filed: Dec. 1, 1993

[51] LOC (6) Cl. 12-16

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

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

[56] References Cited

U.S. PATENT DOCUMENTS

D. 260,015	7/1981	Sheill	.....	D12/180
D. 270,824	10/1983	Robinette	.....	D12/180
D. 331,119	11/1992	Steinke et al.	.....	D12/180
D. 336,741	6/1993	Steinke et al.	.....	D12/180
D. 336,882	6/1993	Steinke et al.	.....	D12/180
D. 336,883	6/1993	Steinke et al.	.....	D12/180
D. 337,088	7/1993	Steinke et al.	.....	D12/180
D. 337,089	7/1993	Steinke et al.	.....	D12/180
D. 337,293	7/1993	Steinke et al.	.....	D12/180
D. 337,294	7/1993	Steinke et al.	.....	D12/180
D. 337,295	7/1993	Steinke et al.	.....	D12/180
D. 337,296	7/1993	Steinke et al.	.....	D12/180
D. 337,557	7/1993	Steinke et al.	.....	D12/180
D. 337,558	7/1993	Steinke et al.	.....	D12/180
D. 337,559	7/1993	Steinke et al.	.....	D12/180
D. 337,560	7/1993	Steinke et al.	.....	D12/180
D. 337,750	7/1993	Steinke et al.	.....	D12/180
D. 337,981	8/1993	Steinke et al.	.....	D12/180
D. 337,982	8/1993	Steinke et al.	.....	D12/180
D. 338,648	8/1993	Steinke et al.	.....	D12/180
D. 341,120	11/1993	Steinke et al.	.....	D12/180
D. 341,350	11/1993	Steinke et al.	.....	D12/180
D. 341,807	11/1993	Steinke et al.	.....	D12/180
D. 341,808	11/1993	Steinke et al.	.....	D12/180
D. 344,921	3/1994	Steinke et al.	.....	D12/180

D. 344,922	3/1994	Steinke et al.	.....	D12/180
D. 344,923	3/1994	Steinke et al.	.....	D12/180
D. 346,998	5/1994	Steinke et al.	.....	D12/180
D. 350,517	9/1994	Steinke et al.	.....	D12/180
D. 350,519	9/1994	Steinke et al.	.....	D12/180
D. 350,520	9/1994	Steinke et al.	.....	D12/180
4,548,300	10/1985	Sheill et al.	.....	188/250 B

FOREIGN PATENT DOCUMENTS

858302714	5/1986	European Pat. Off.	.
0493000	7/1992	European Pat. Off.	..... 188/73.1

OTHER PUBLICATIONS

Photocopy silhouette disc brake pad D215 for 1991 General Motors vehicles.

Photocopy silhouette disc brake pad D369 for 1992 GMC trucks.

Photocopy silhouette disc brake pad D370 for 1994 GMC trucks.

Photocopy silhouette disc brake pad D262 for 1990 Pontiac vehicles.

Photocopy silhouette disc brake pad D459 for 1990 General Motors vehicles.

Photocopy silhouette disc brake pad D368 for 1991 GMC trucks.

Primary Examiner—Melody N. Brown

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

[57] CLAIM

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

DESCRIPTION

FIG. 1 is a perspective view of a disc brake shim showing our new design;

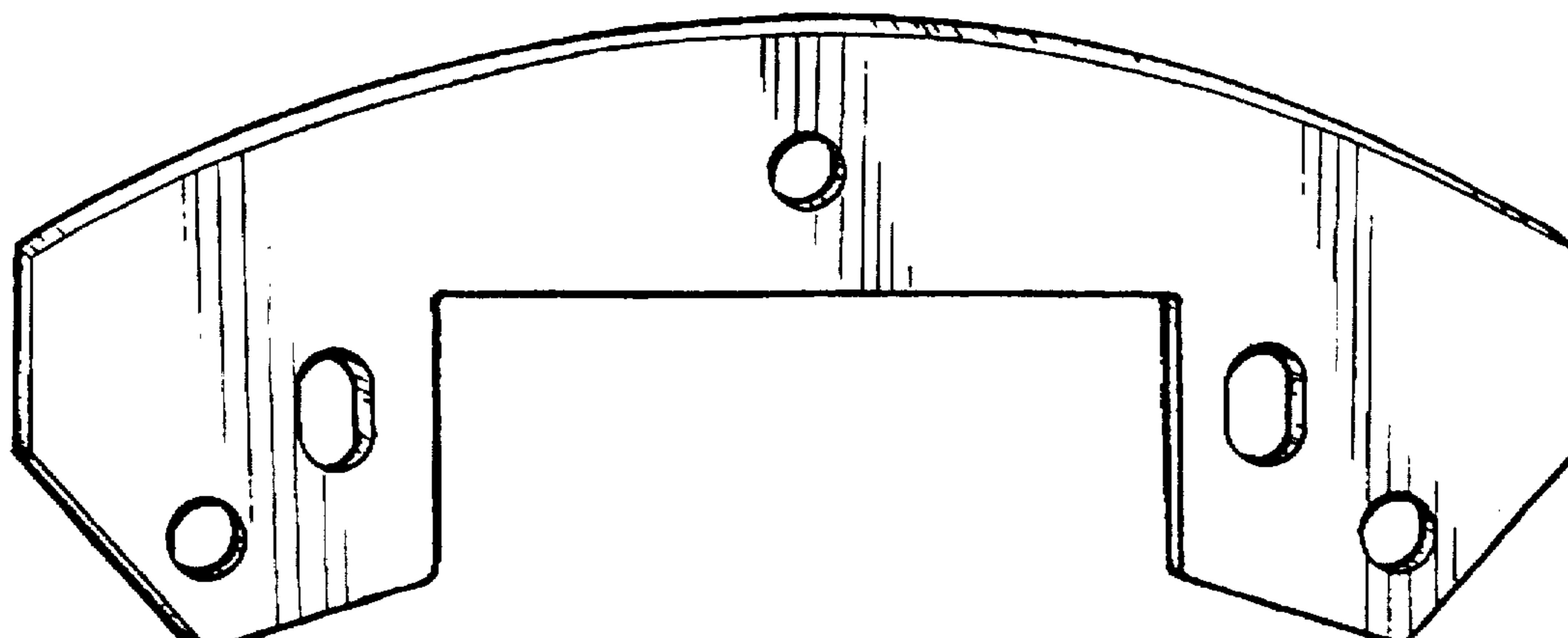
FIG. 2 is a front elevational view thereof;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof; and,

FIG. 5 is a side elevational view thereof, the opposite side being a mirror image of that shown.

1 Claim, 1 Drawing Sheet



U.S. Patent

May 12, 1998

Des. 394,235

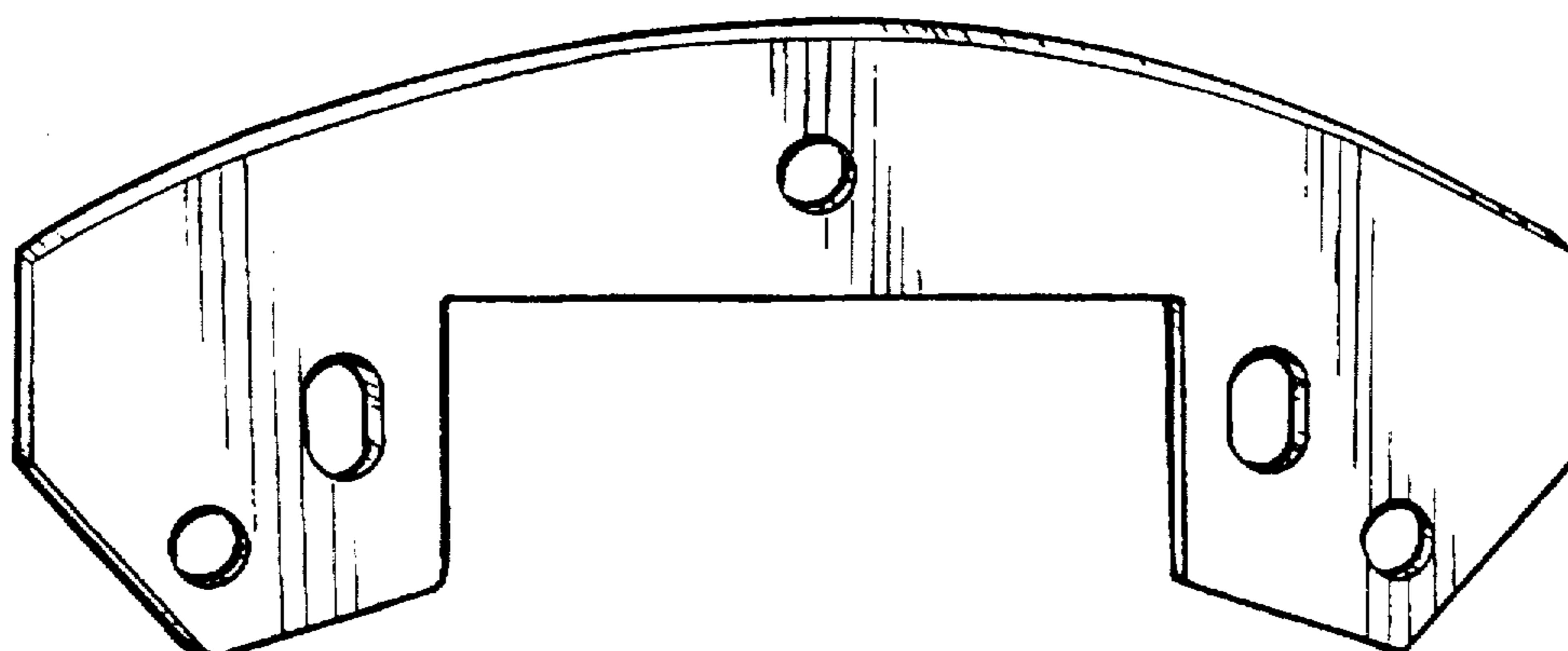


Fig-1

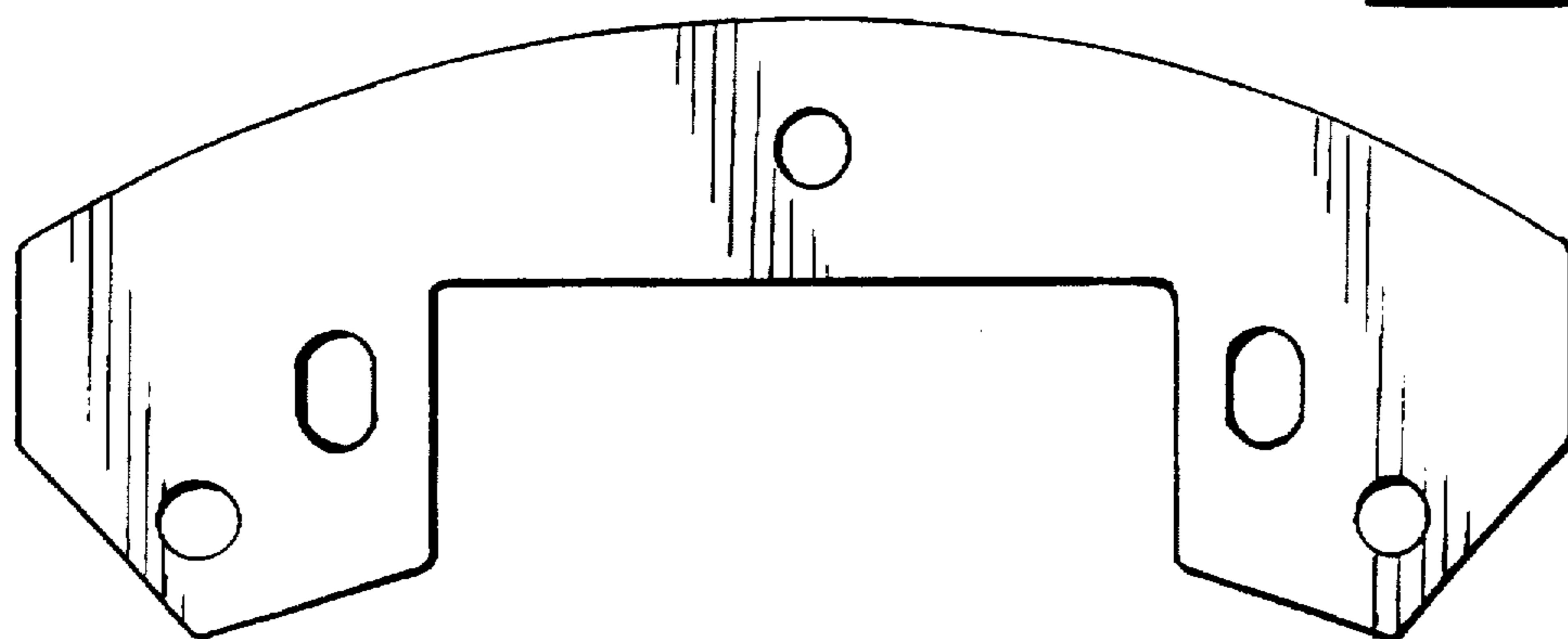


Fig-2



Fig-3

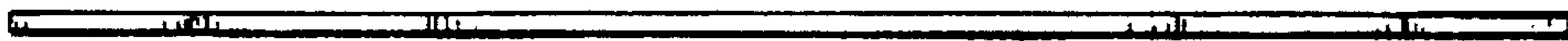


Fig-4



Fig-5