



US00D381142S

**United States Patent** [19]  
**McKnight et al.**

[11] **Patent Number:** **Des. 381,142**  
[45] **Date of Patent:** **\*\*Jul. 15, 1997**

[54] **VACUUM CLEANER LATCH**

**FOREIGN PATENT DOCUMENTS**

[75] **Inventors:** **Darwin T. McKnight**, Louisville;  
**David W. Moine**, North Canton, both  
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930934 7/1963 United Kingdom ..... 44/4 BE

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son

[73] **Assignee:** **The Hoover Company**, North Canton,  
Ohio

[57] **CLAIM**

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

The ornamental design for a vacuum cleaner latch, as shown  
and described.

[21] **Appl. No.:** **5,070**

**DESCRIPTION**

[22] **Filed:** **Feb. 22, 1993**

FIG. 1 is a top plan view of the first and second embodi-  
ments of our new ornamental design;

[51] **LOC (6) Cl.** ..... **15-05**

[52] **U.S. Cl.** ..... **D32/31**

FIG. 2 is a front elevational view of the first and second  
embodiments;

[58] **Field of Search** ..... D32/31; D8/360,  
D8/308; 15/327.1, 327.2, 320, 353; 16/231;  
220/324, 315; 292/109

FIG. 3 is a left side elevational view of the first embodi-  
ment; FIG. 4 is a right side elevational view of the first embodi-  
ment;

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

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FIG. 5 is a rear elevational view of the first embodi-  
ment;

FIG. 6 is a bottom view of the first embodi-  
ment;

FIG. 7 is a rear elevational view of the second embodi-  
ment;

FIG. 8 is a cross-sectional view taken along line 8—8 of  
FIG. 7;

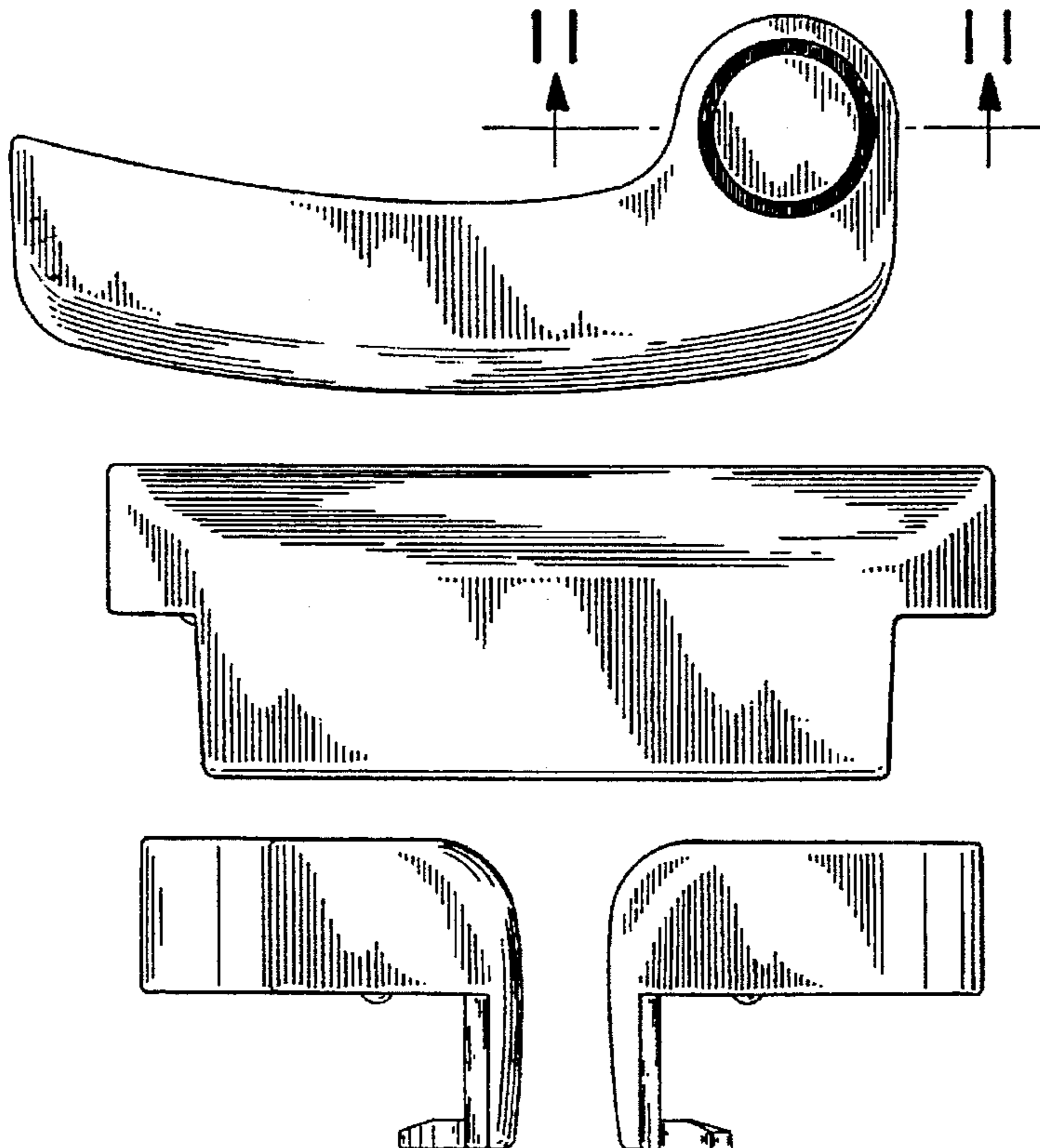
FIG. 9 is a bottom view of the second embodi-  
ment;

FIG. 10 is a cross-sectional view taken along line 10—10 of  
FIG. 9; and,

FIG. 11 is a cross-sectional view taken along line 11—11 of  
FIG. 1.

The latch as illustrated and claimed is typically used for  
attaching the top cover to the bottom tank of a tank type  
utility vacuum cleaner.

**1 Claim, 2 Drawing Sheets**



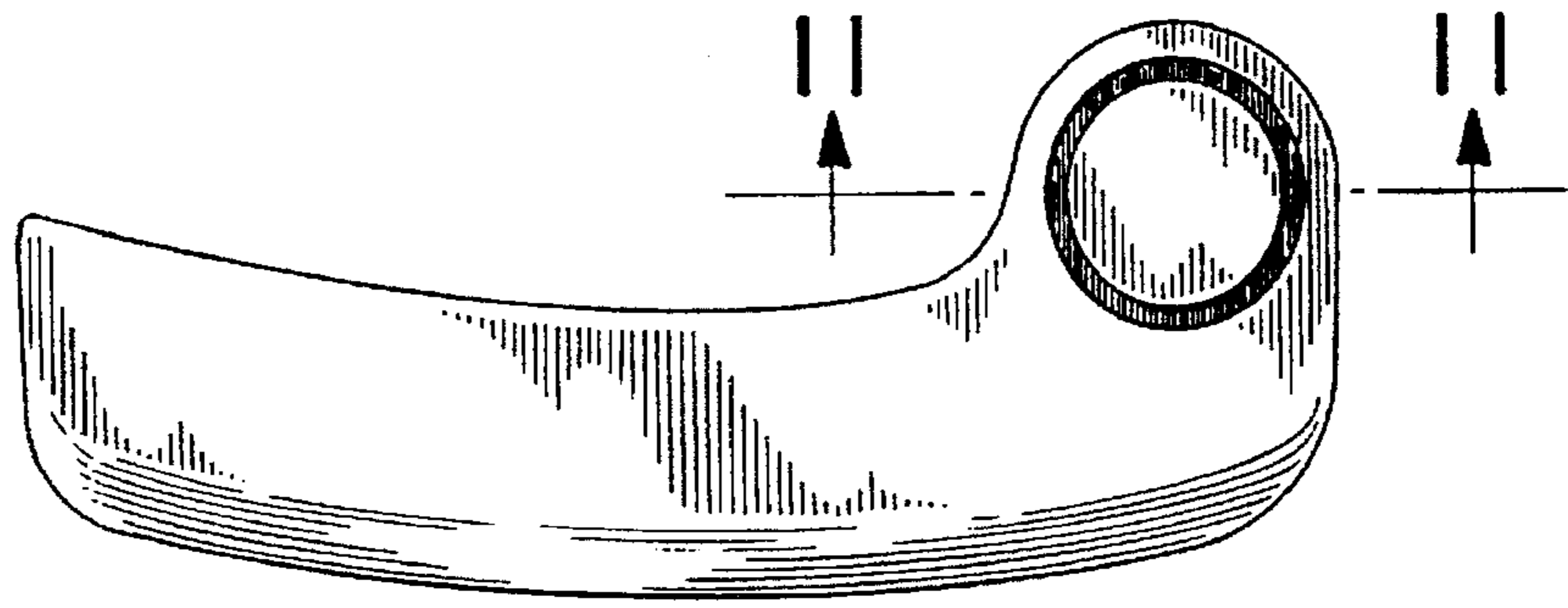


FIG. -1

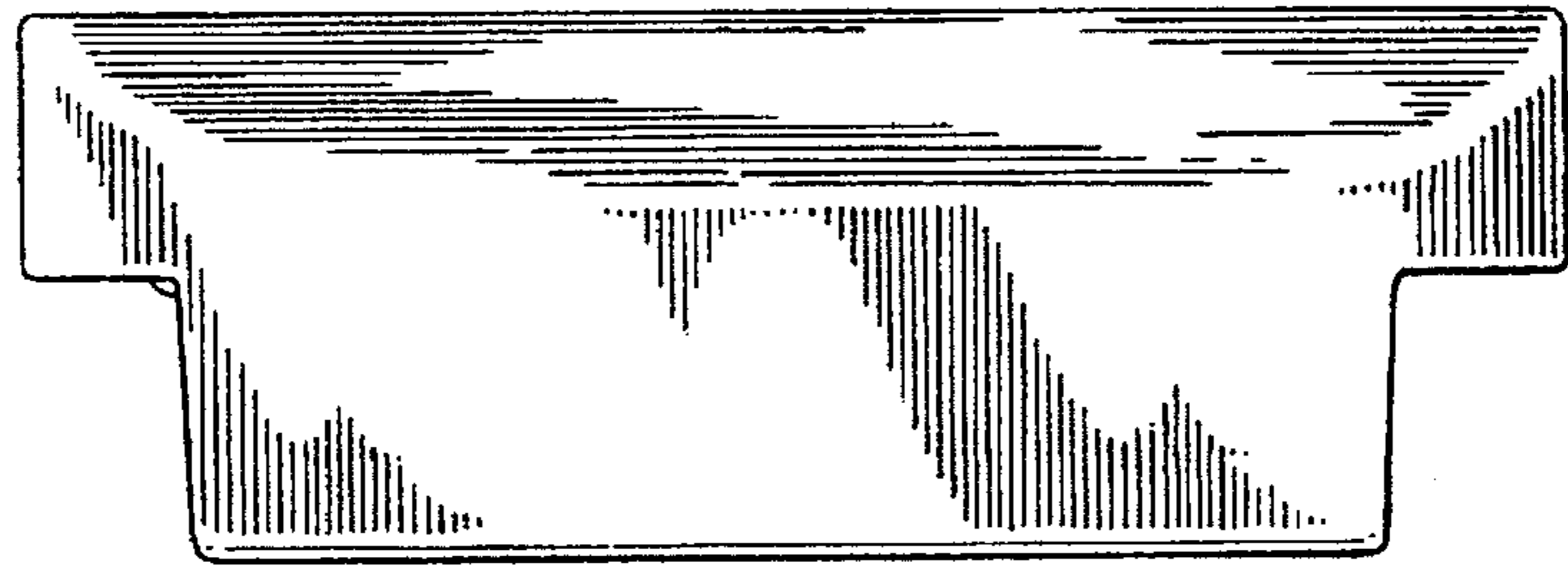


FIG. -2

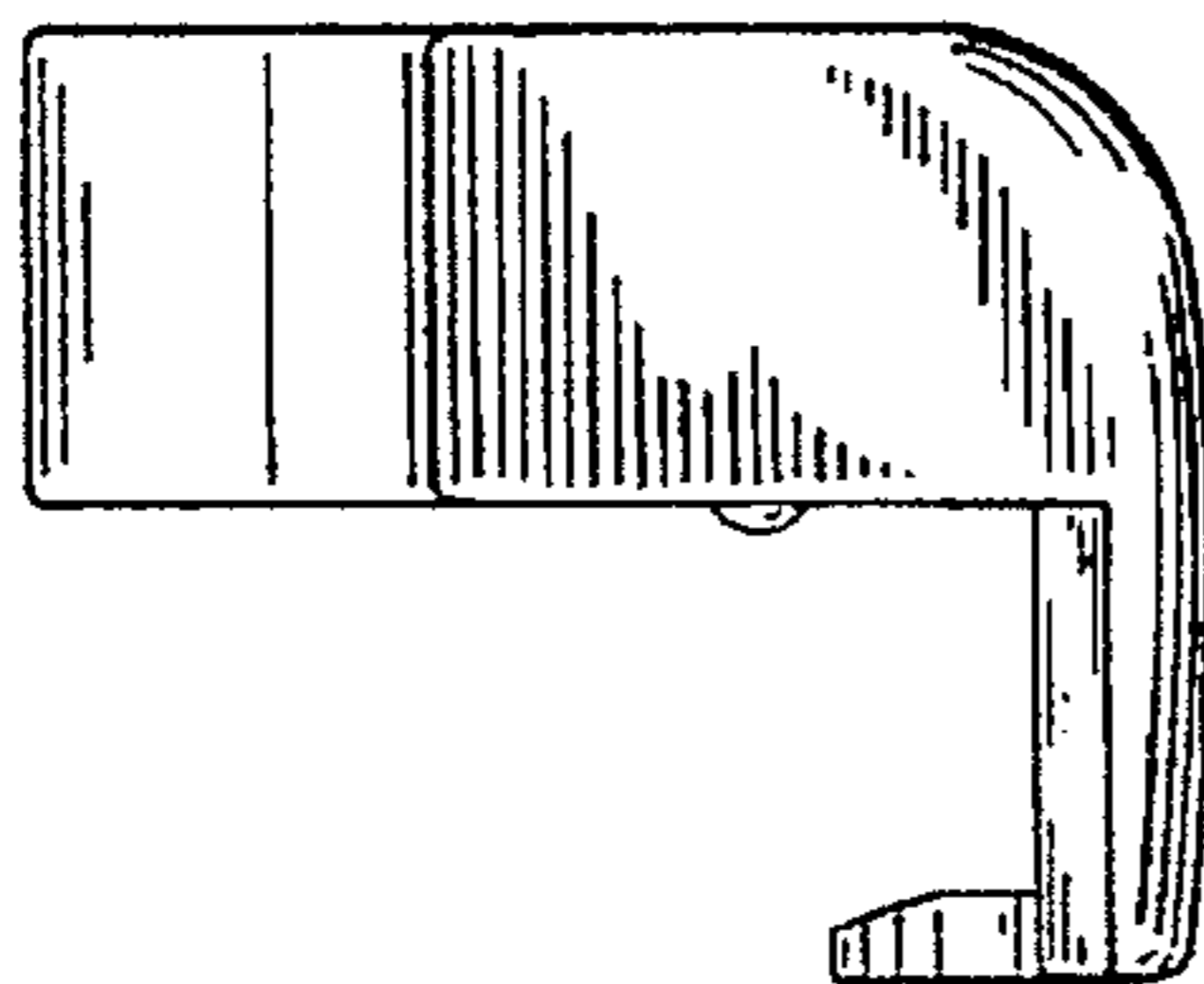


FIG. -3

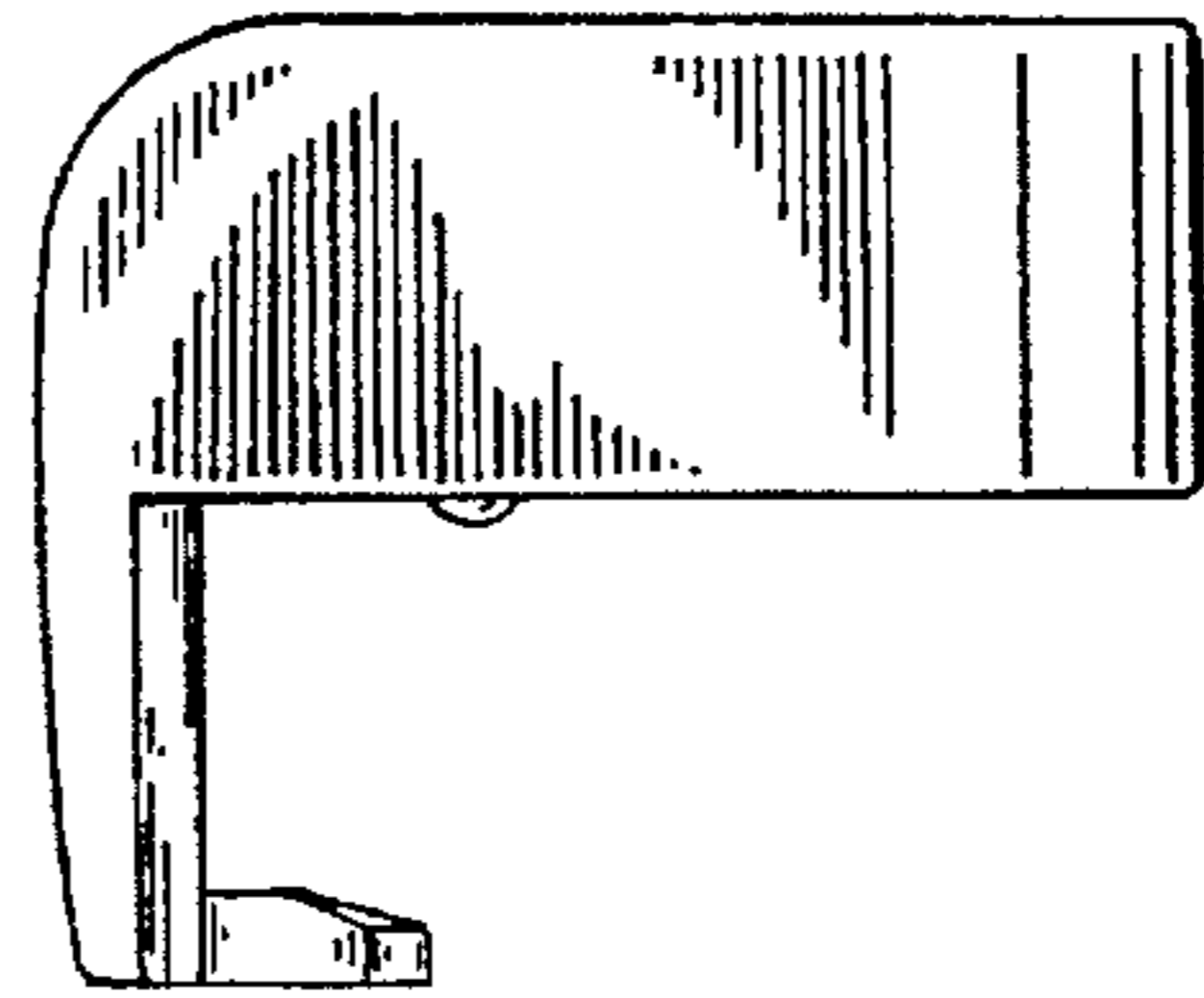


FIG. -4

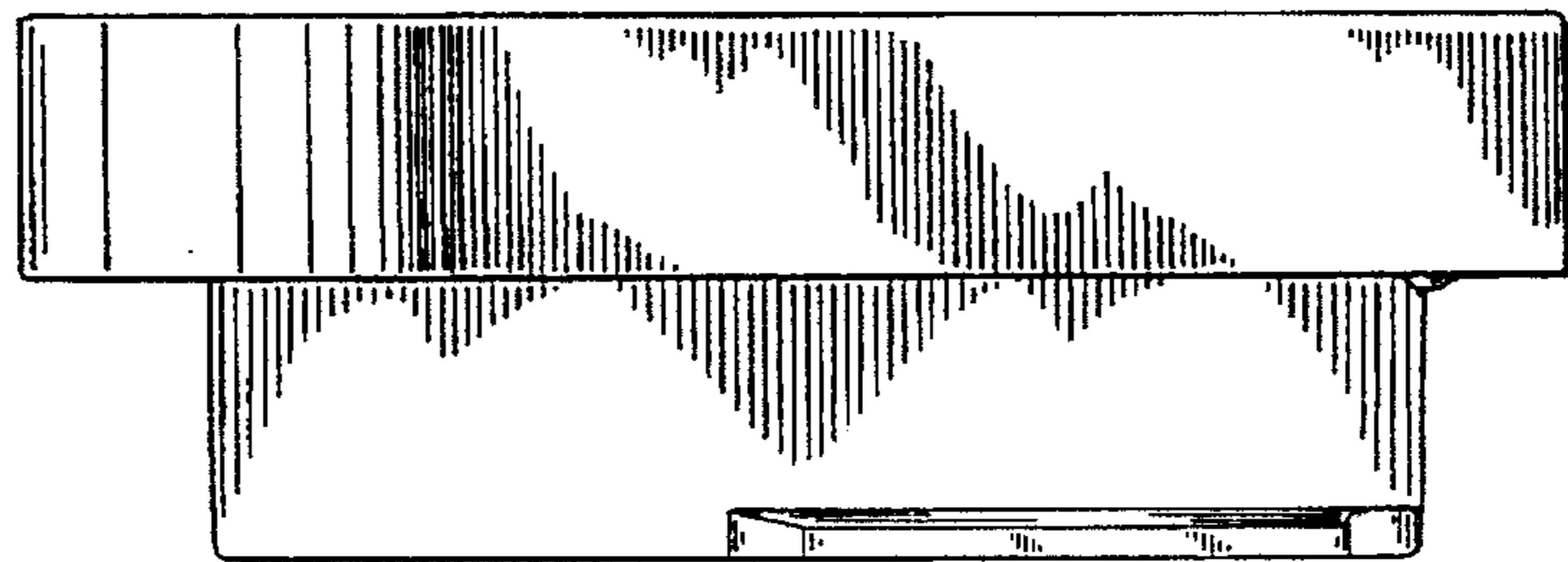


FIG. -5

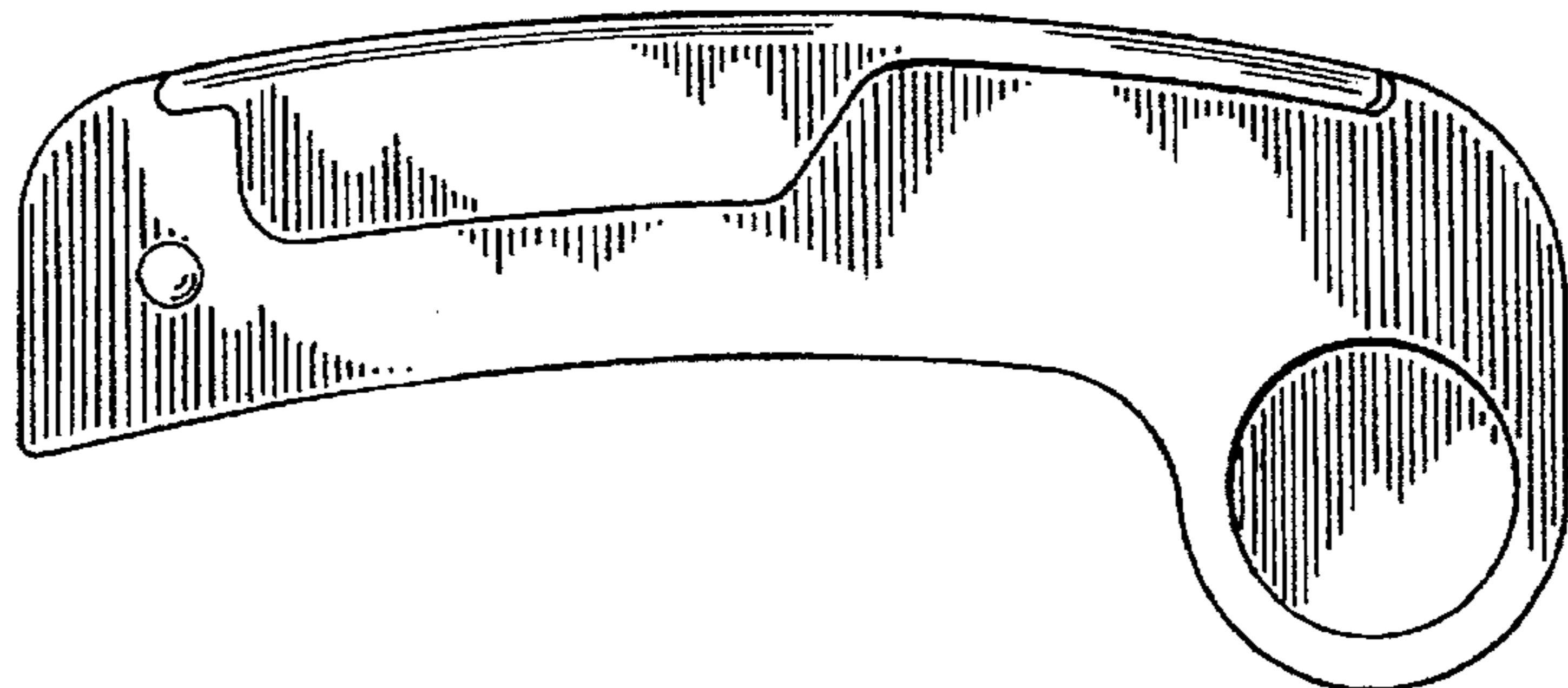


FIG. -6

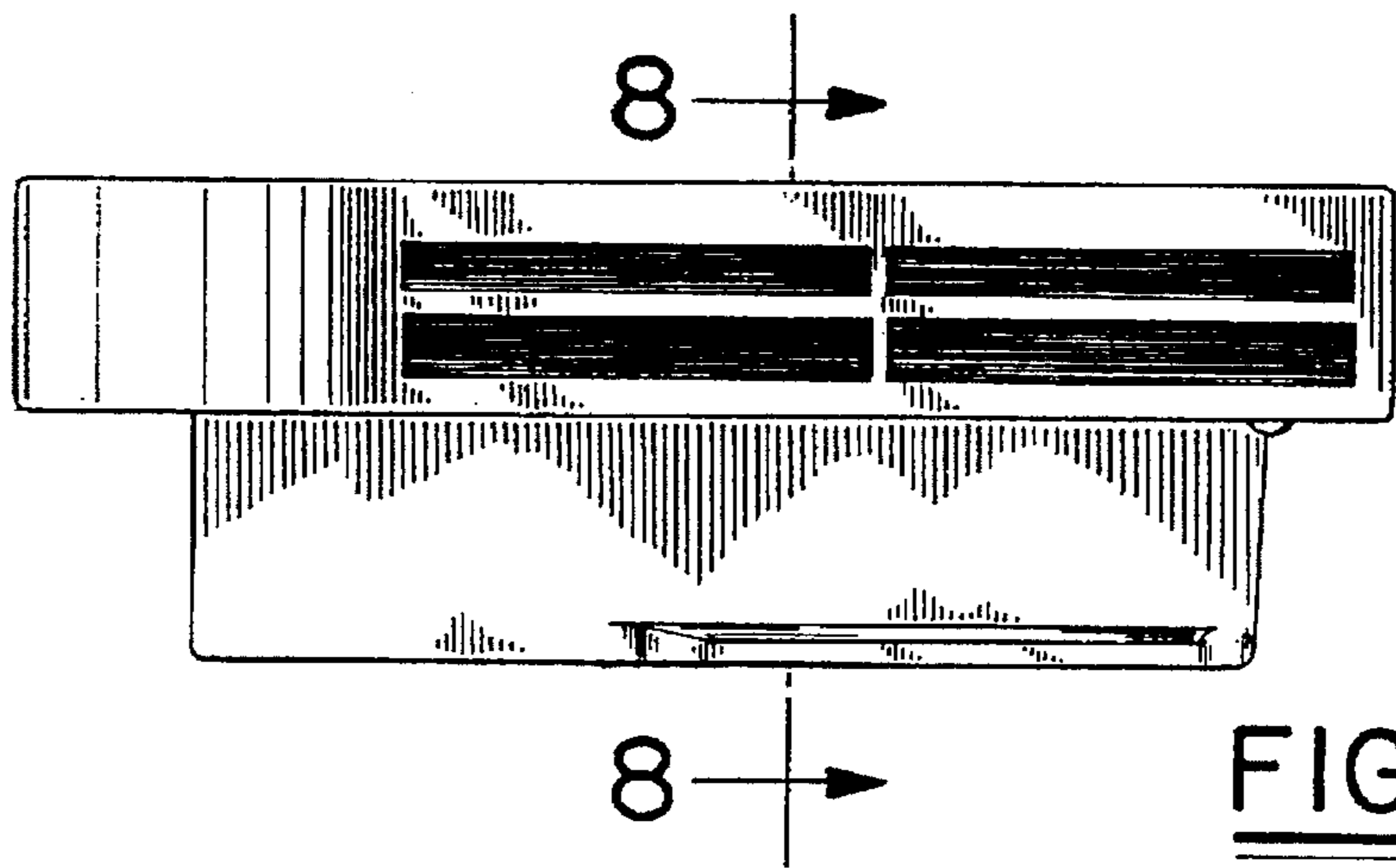


FIG.-7

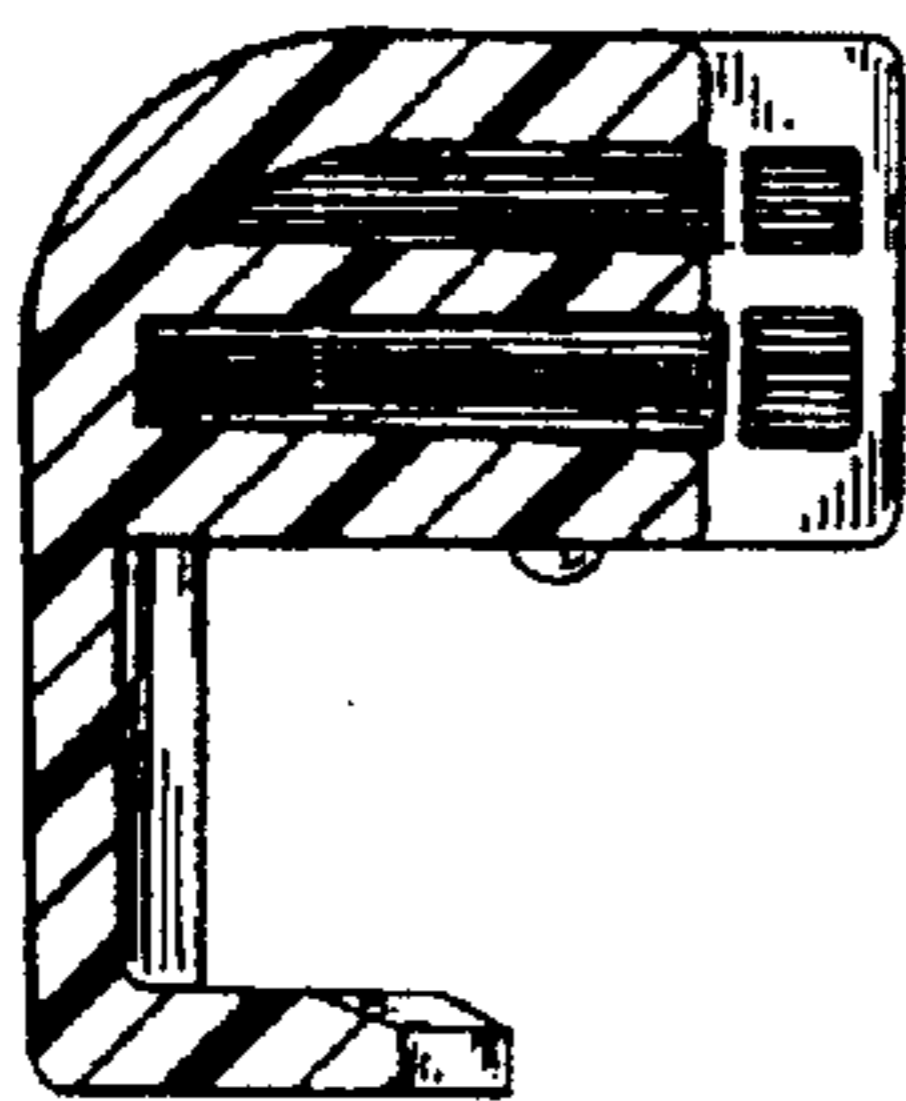


FIG.-8

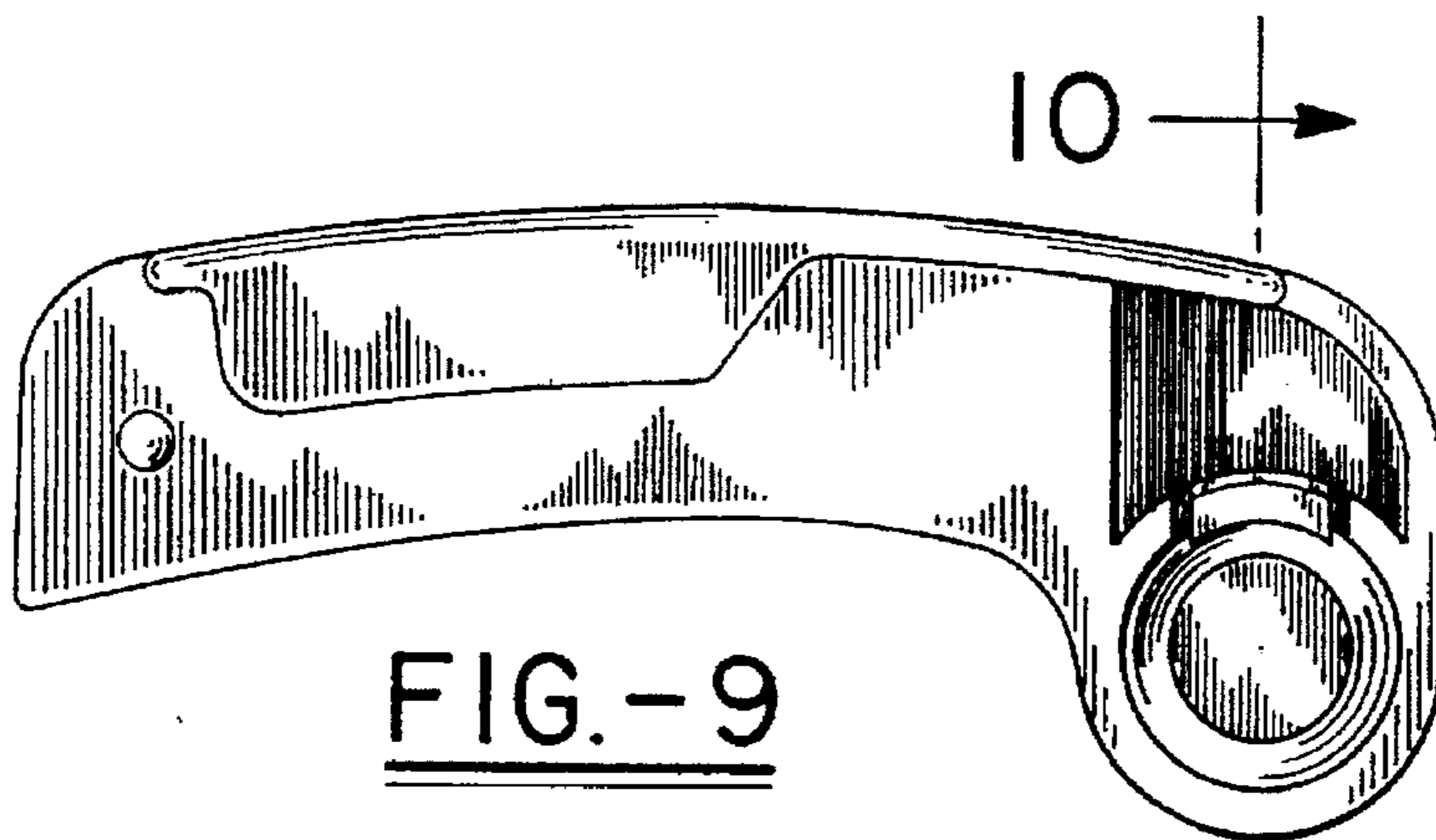


FIG.-9

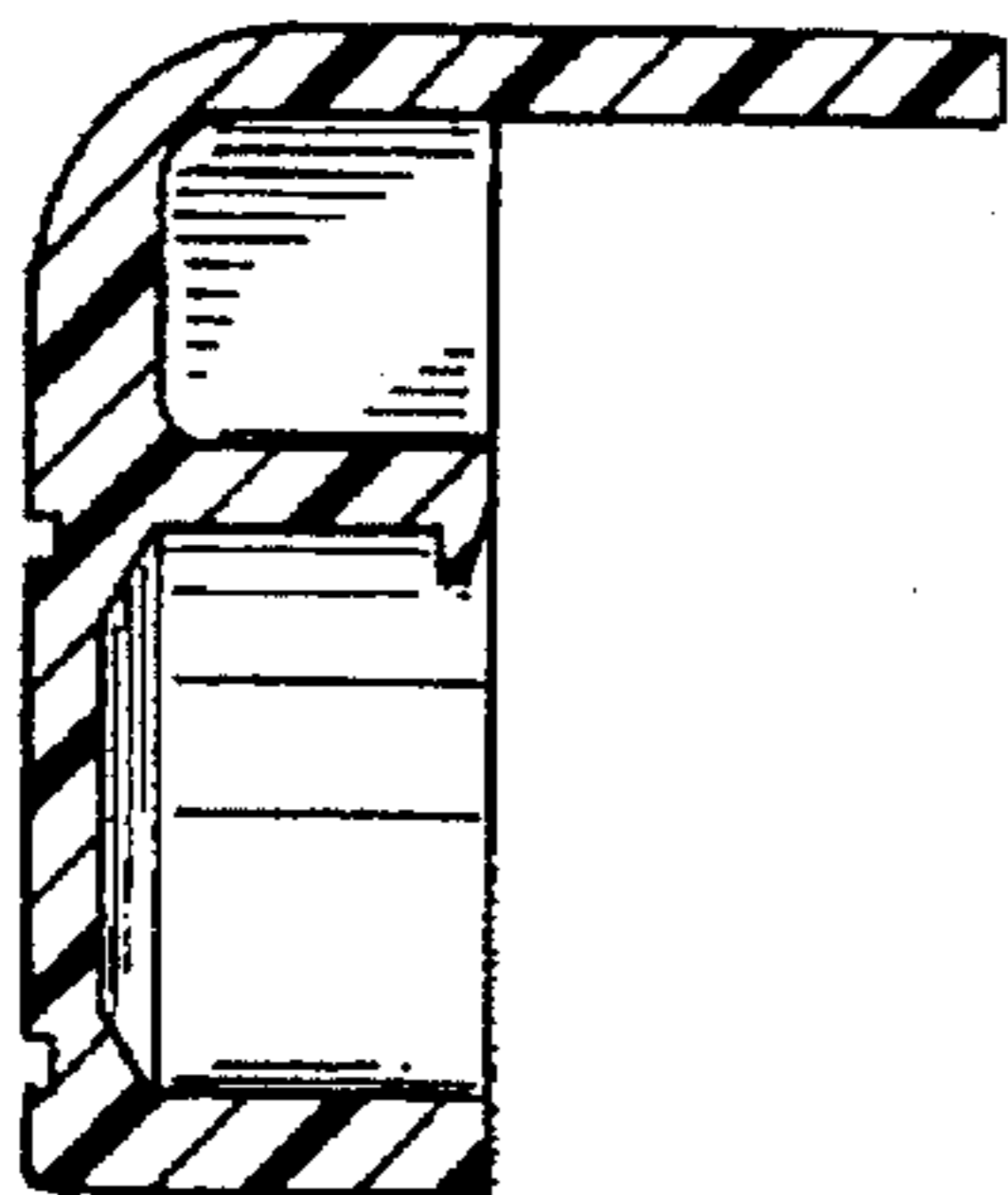


FIG.-10

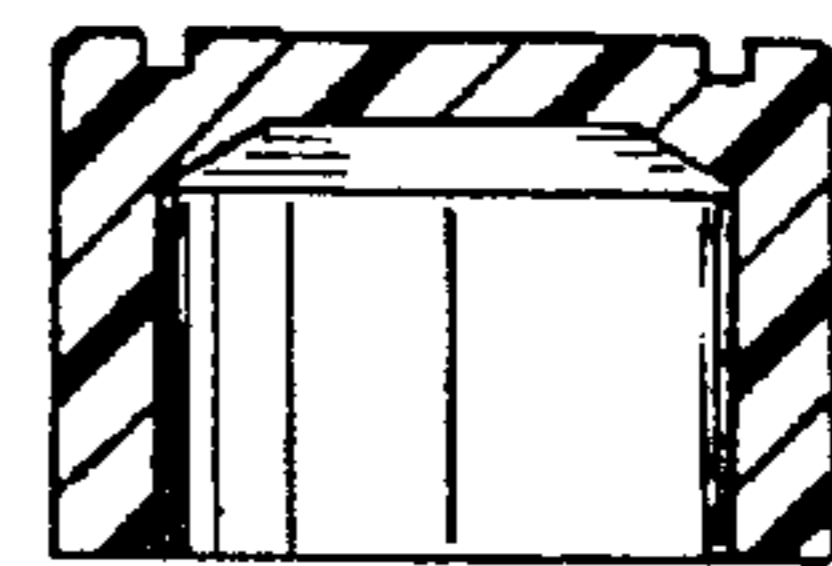


FIG.-11