



US00D343613S

United States Patent [19]

Fujisawa

[11] Patent Number: Des. 343,613

[45] Date of Patent: ** Jan. 25, 1994

[54] SHUTTER FOR AN OPTICAL DISC
CARTRIDGE

[75] Inventor: Hirotoshi Fujisawa, Tokyo, Japan

[73] Assignee: Sony Corporation, Tokyo, Japan

[**] Term: 14 Years

[21] Appl. No.: 855,946

[22] Filed: Mar. 23, 1992

[30] Foreign Application Priority Data

Oct. 29, 1991 [JP] Japan 3-32682

[52] U.S. Cl. D14/114

[58] Field of Search 360/60, 132, 133, 135,
360/97.01-99.12; 206/312, 444; D14/100, 107,
114

[56] References Cited

U.S. PATENT DOCUMENTS

D. 292,292 10/1987 Saito et al. D14/114
D. 307,893 5/1990 Kato et al. D14/114
D. 311,181 10/1990 Miyazawa D14/114
4,740,948 4/1988 Nakamori et al. 206/444 X
4,926,411 5/1990 Ouwerkerk et al. 206/444 X

5,041,923 8/1991 Iwata et al. 360/60
5,093,823 3/1992 Ouwerkerk et al. 206/444 X
5,195,084 3/1993 Shiba et al. 206/444 X

FOREIGN PATENT DOCUMENTS

0078478 3/1989 Japan 206/444
0320692 12/1989 Japan 206/444
4-243073 8/1992 Japan 206/444

Primary Examiner—Wallace R. Burke

Assistant Examiner—M. H. Tung

Attorney, Agent, or Firm—Lewis H. Eslinger; Jay H.
Maioli

[57] CLAIM

The ornamental design for a shutter for an optical disc
cartridge, as shown and described.

DESCRIPTION

FIG. 1 is a top view showing my new design;

FIG. 2 is a left-side view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a right-side view thereof;

FIG. 5 is a back view thereof;

FIG. 6 is a bottom view thereof; and,

FIG. 7 is a perspective view.

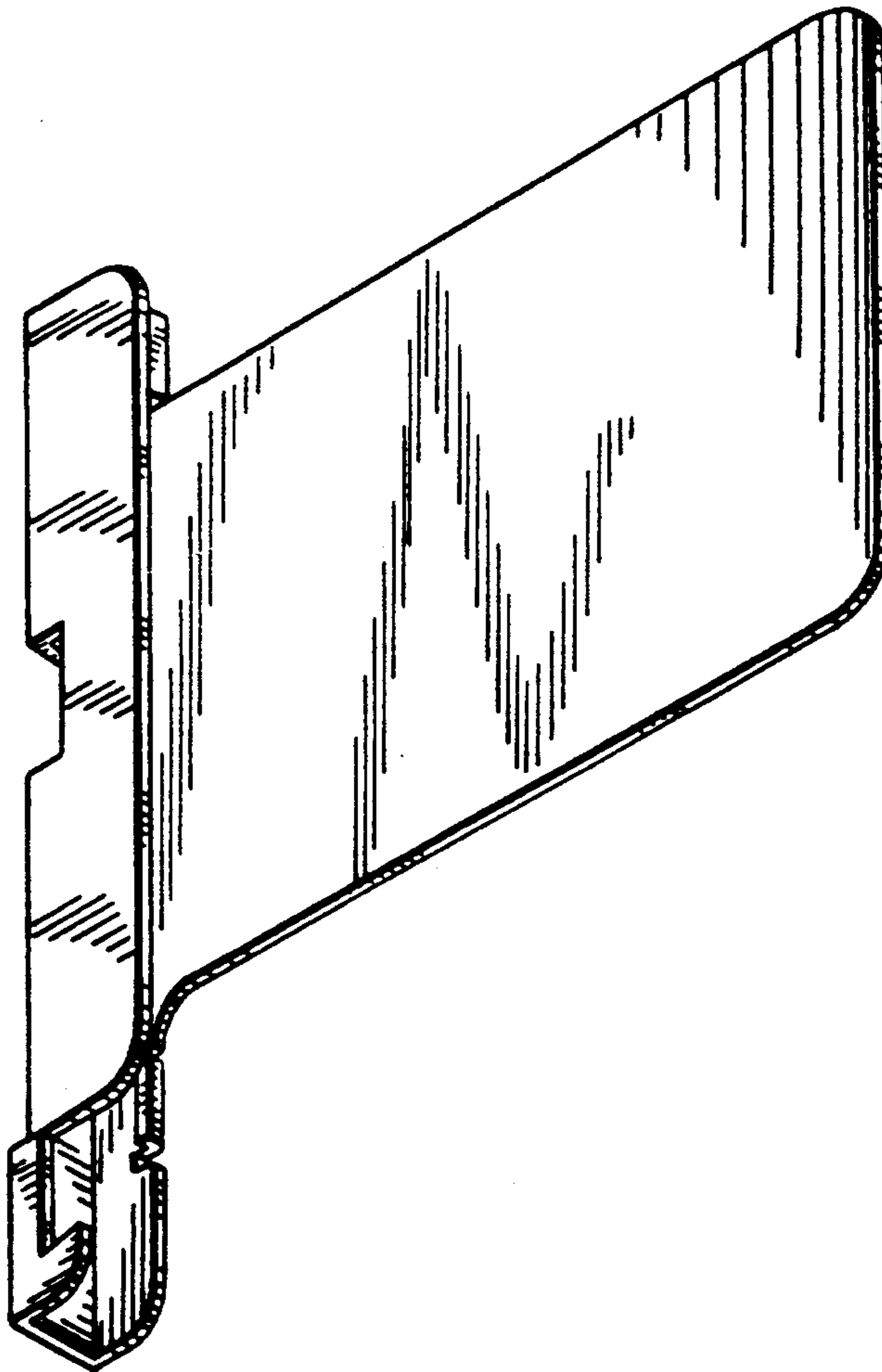


FIG. 1



FIG. 2

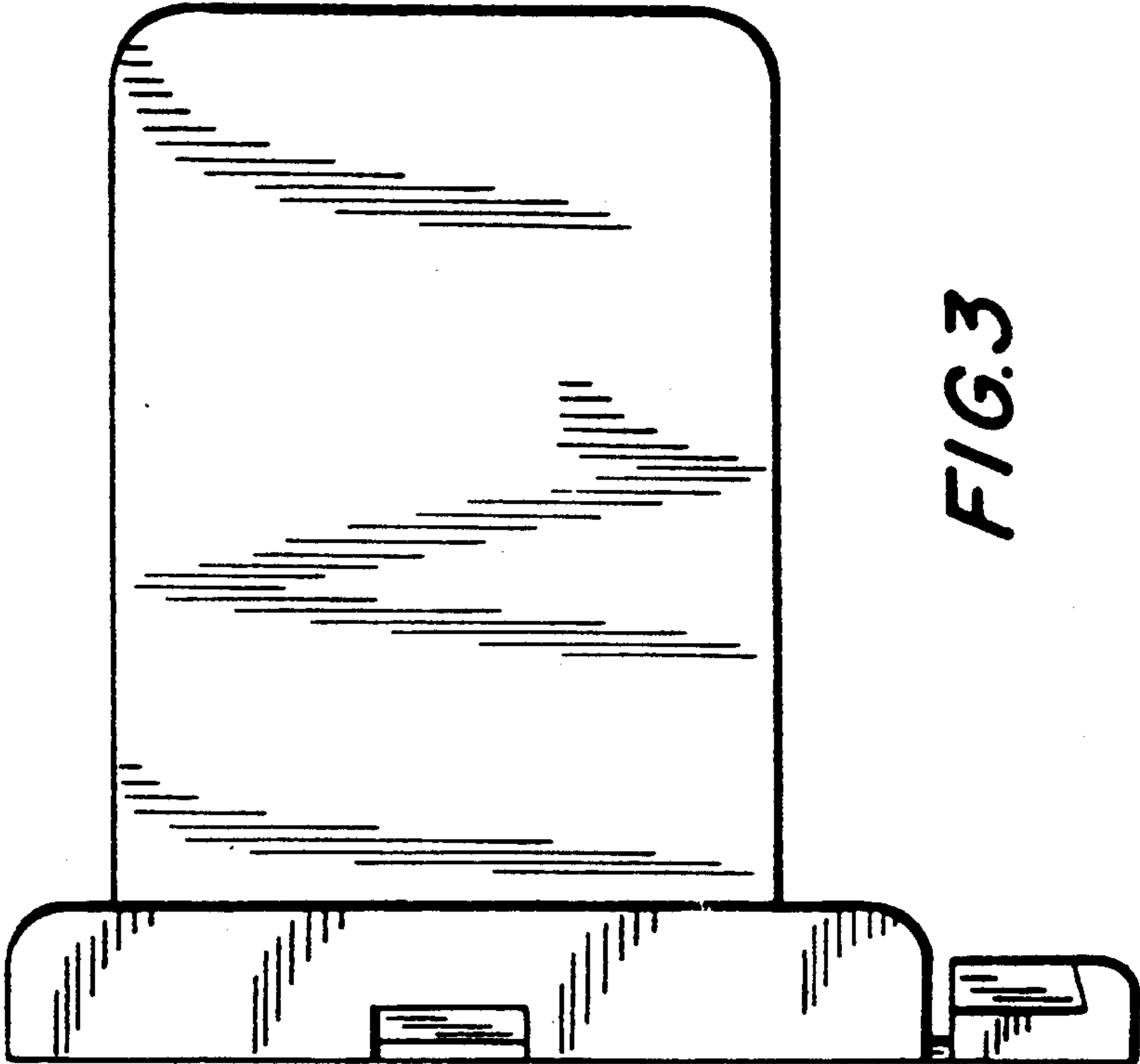


FIG. 3

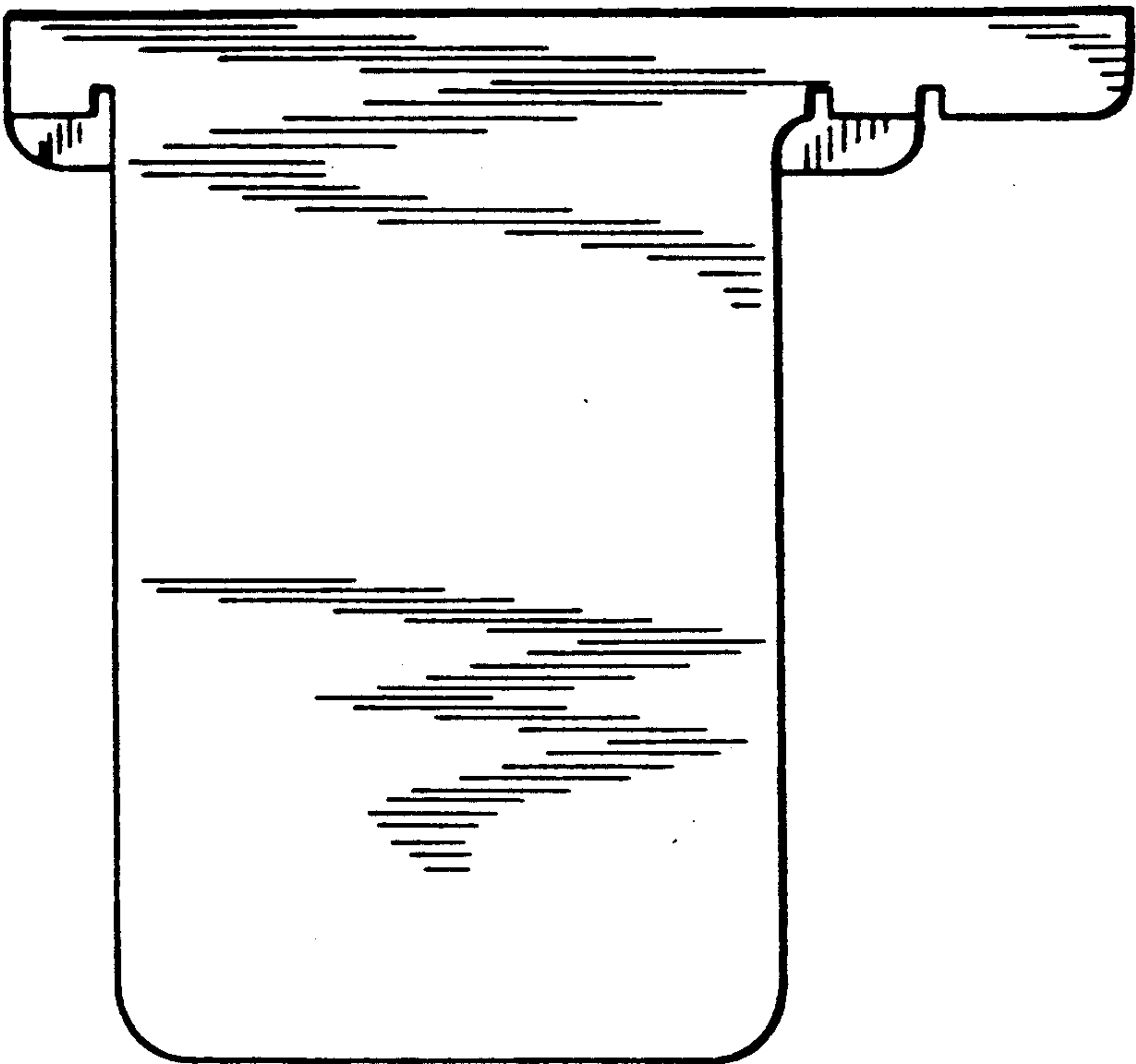


FIG. 5



FIG. 6

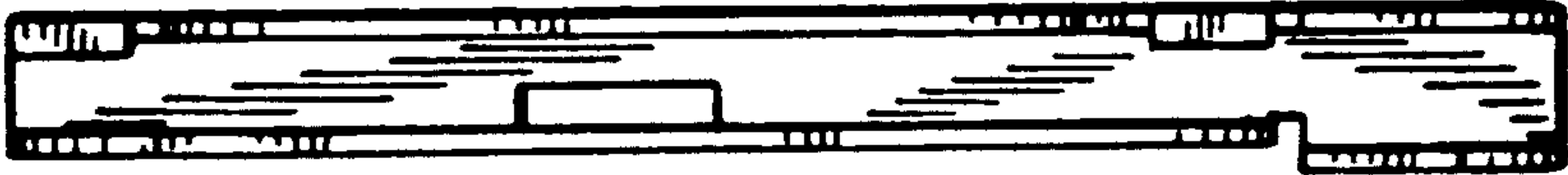


FIG. 4

FIG. 7

