



US00D356448S

# United States Patent [19]

[11] Patent Number: **Des. 356,448**

**Kashima et al.**

[45] Date of Patent: **\*\* Mar. 21, 1995**

[54] **SOFA-BED**

[57] **CLAIM**

[75] Inventors: **Hiroshi Kashima; Osamu Kashima,**  
both of Kanagawa, Japan

The ornamental design for a sofa-bed, as shown and described.

[73] Assignee: **Kabushiki Kaisha TPO Bed,**  
Kanagawa, Japan

### DESCRIPTION

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

FIG. 1 is a perspective view of a sofa-bed, in a sofa mode, showing our new design;

[21] Appl. No.: **16,754**

FIG. 2 is a front elevational view in thereof;

[22] Filed: **Dec. 23, 1993**

FIG. 3 is a rear elevational view thereof;

### [30] Foreign Application Priority Data

Jun. 24, 1993 [JP] Japan ..... 5-19409

Nov. 16, 1993 [JP] Japan ..... 5-34638

[52] U.S. Cl. .... **D6/335; D6/381**

[58] Field of Search ..... **D6/334, 335, 336, 364,**  
**D6/371, 373, 381, 500, 501, 502; 297/232**

FIG. 4 is a right side elevational view thereof;

FIG. 5 is a left side elevational view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

FIG. 8 is a perspective view of the sofa-bed in a bed mode;

FIG. 9 is a front elevational view in thereof;

FIG. 10 is a rear elevational view thereof;

FIG. 11 is a right side elevational view thereof;

FIG. 12 is a left side elevational view thereof;

FIG. 13 is a top plan view thereof;

FIG. 14 is a bottom plan view thereof;

FIG. 15 is a front perspective view of the sofa-bed at an initial stage in conversion from the sofa mode to the bed mode;

FIG. 16 is a rear perspective view thereof;

FIG. 17 is a front perspective view of the sofa-bed at a first intermediate stage in conversion from the sofa mode to the bed mode;

FIG. 18 is a rear perspective view thereof;

FIG. 19 is a front perspective view of the sofa-bed at a second intermediate stage in conversion from the sofa mode to the bed mode;

FIG. 20 is a rear perspective view thereof;

FIG. 21 is a front perspective view of the sofa-bed turning over one of backrests at an intermediate stage in conversion from the sofa mode to the bed mode; and, FIG. 21 is a rear perspective view thereof.

### [56] References Cited

#### U.S. PATENT DOCUMENTS

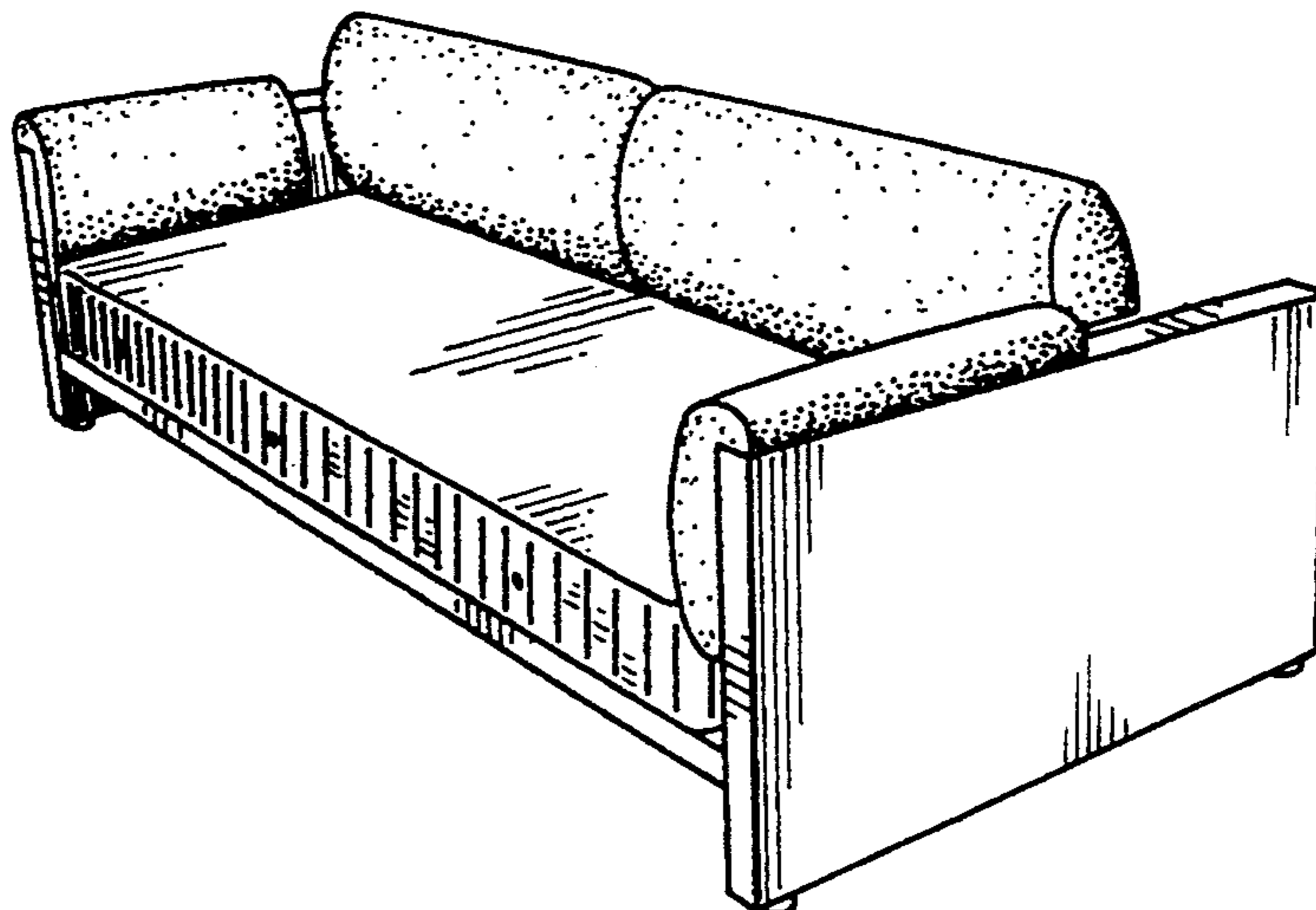
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D. 326,367 5/1992 Messina ..... D6/335

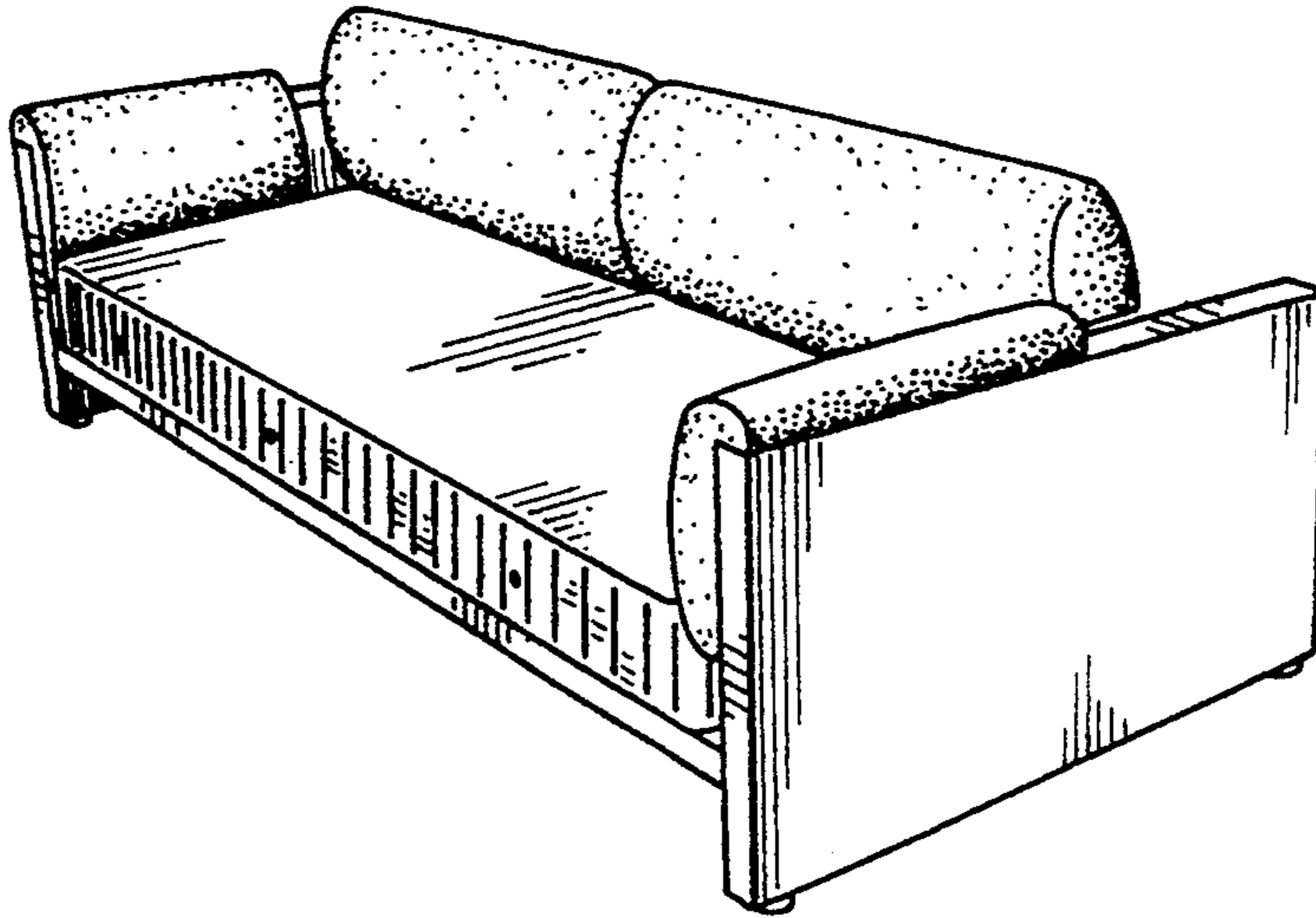
#### OTHER PUBLICATIONS

Howard Furniture, p. 4, Sofa at right.  
Furniture Specialties, Settee #1610 at bottom.

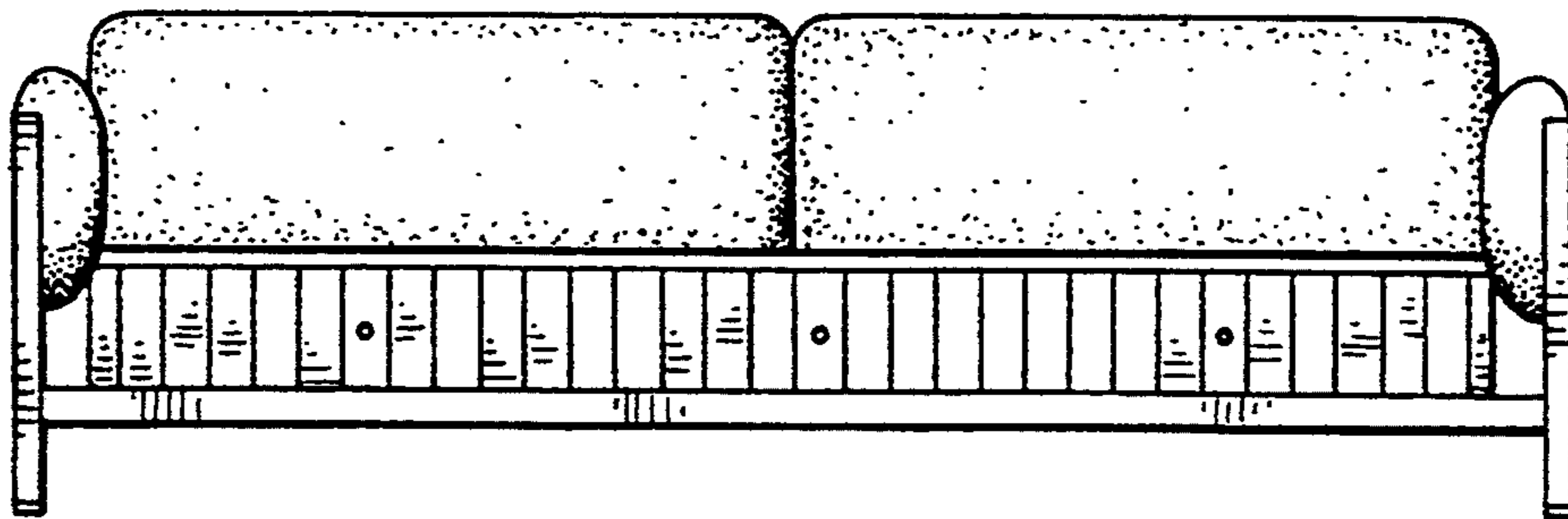
*Primary Examiner*—Alan P. Douglas  
*Assistant Examiner*—Gary D. Watson  
*Attorney, Agent, or Firm*—Armstrong, Westerman,  
Hattori, McLeland & Naughton



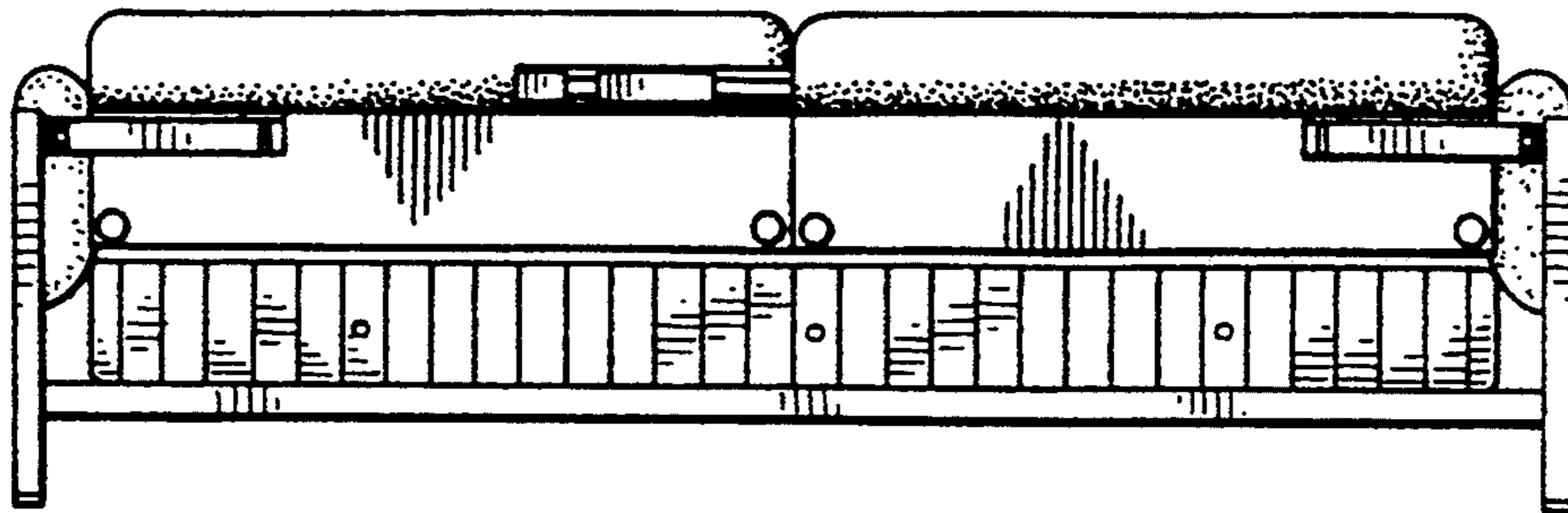
*FIG. 1*



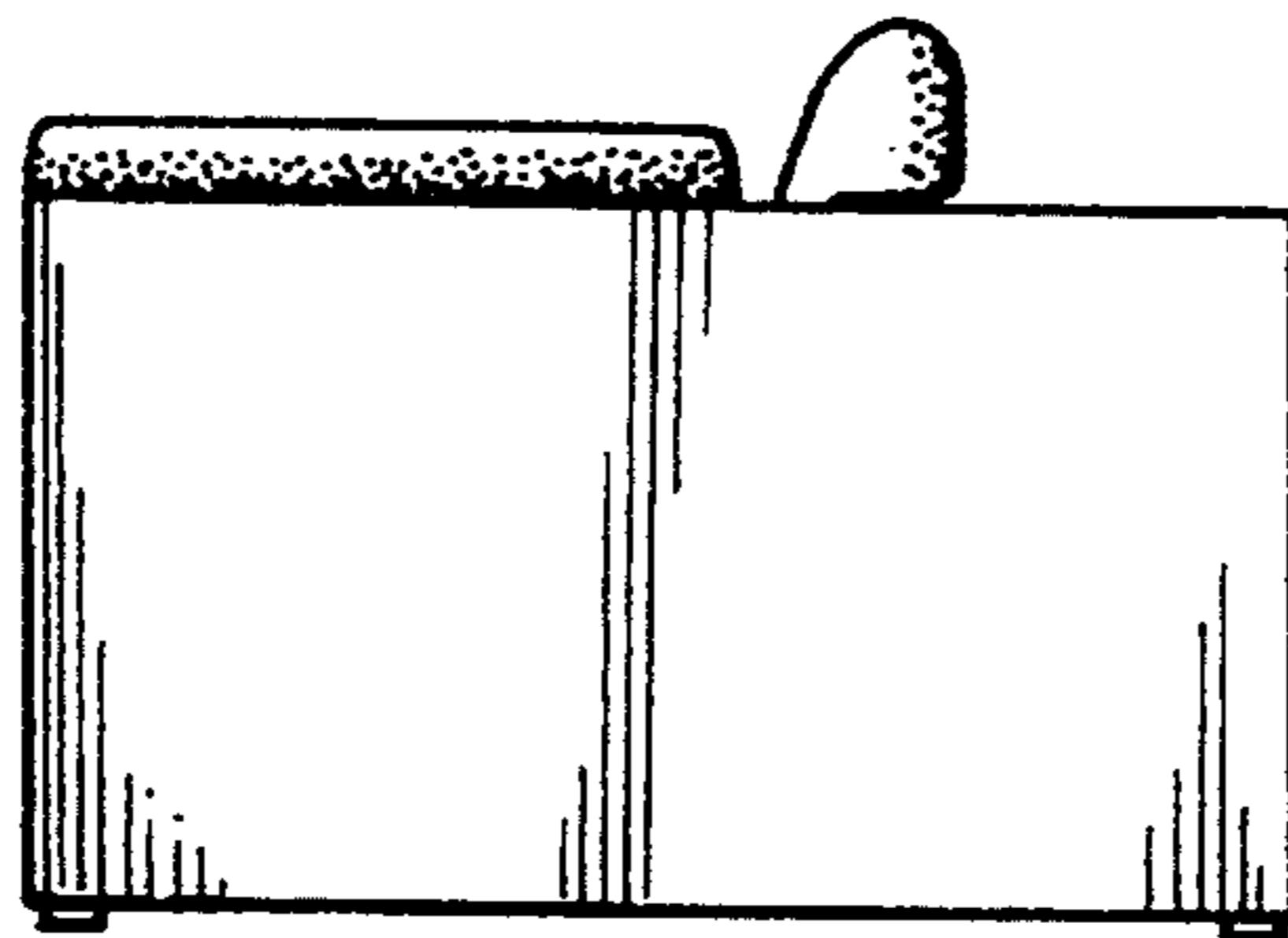
*FIG. 2*



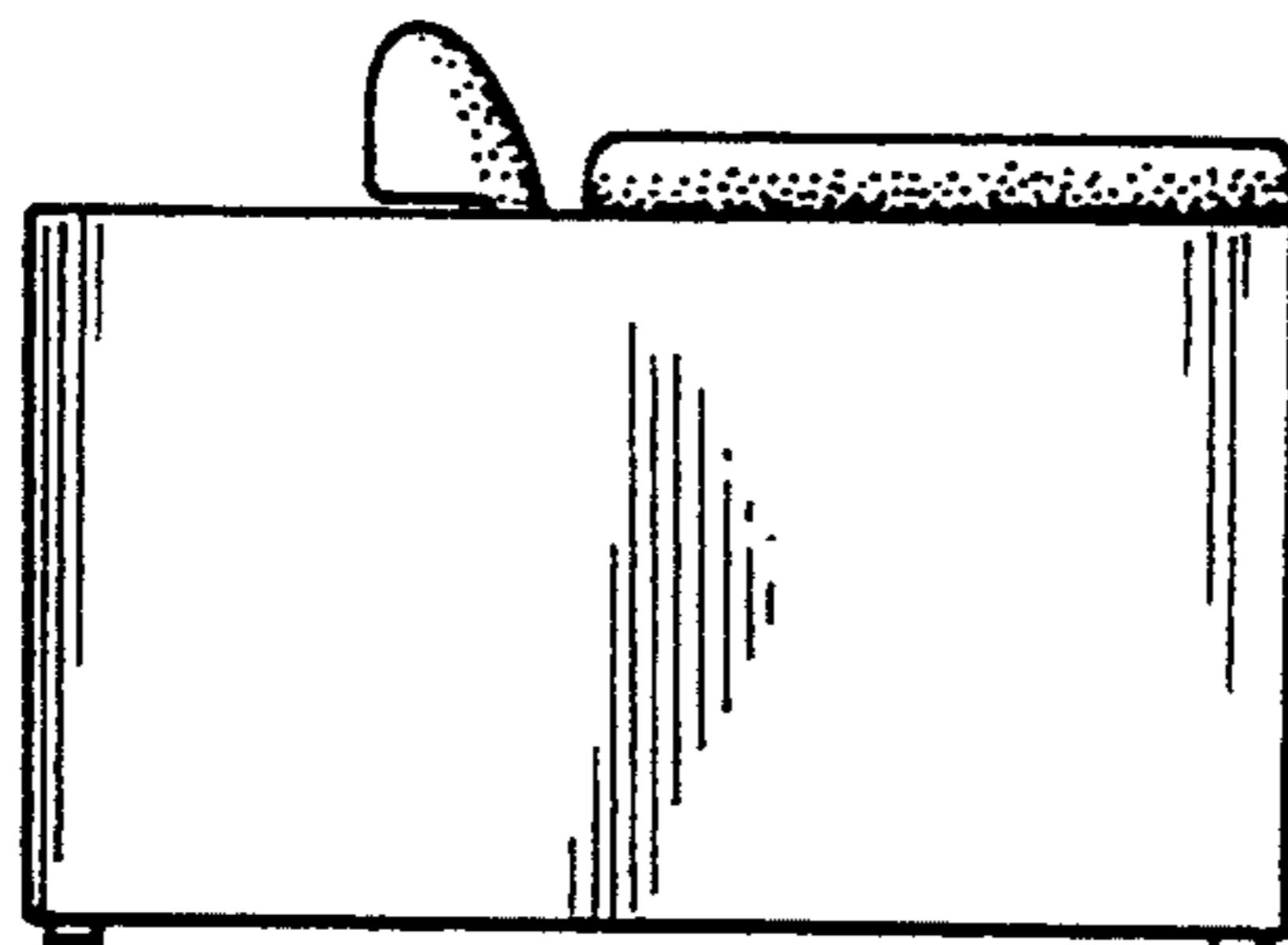
*FIG. 3*



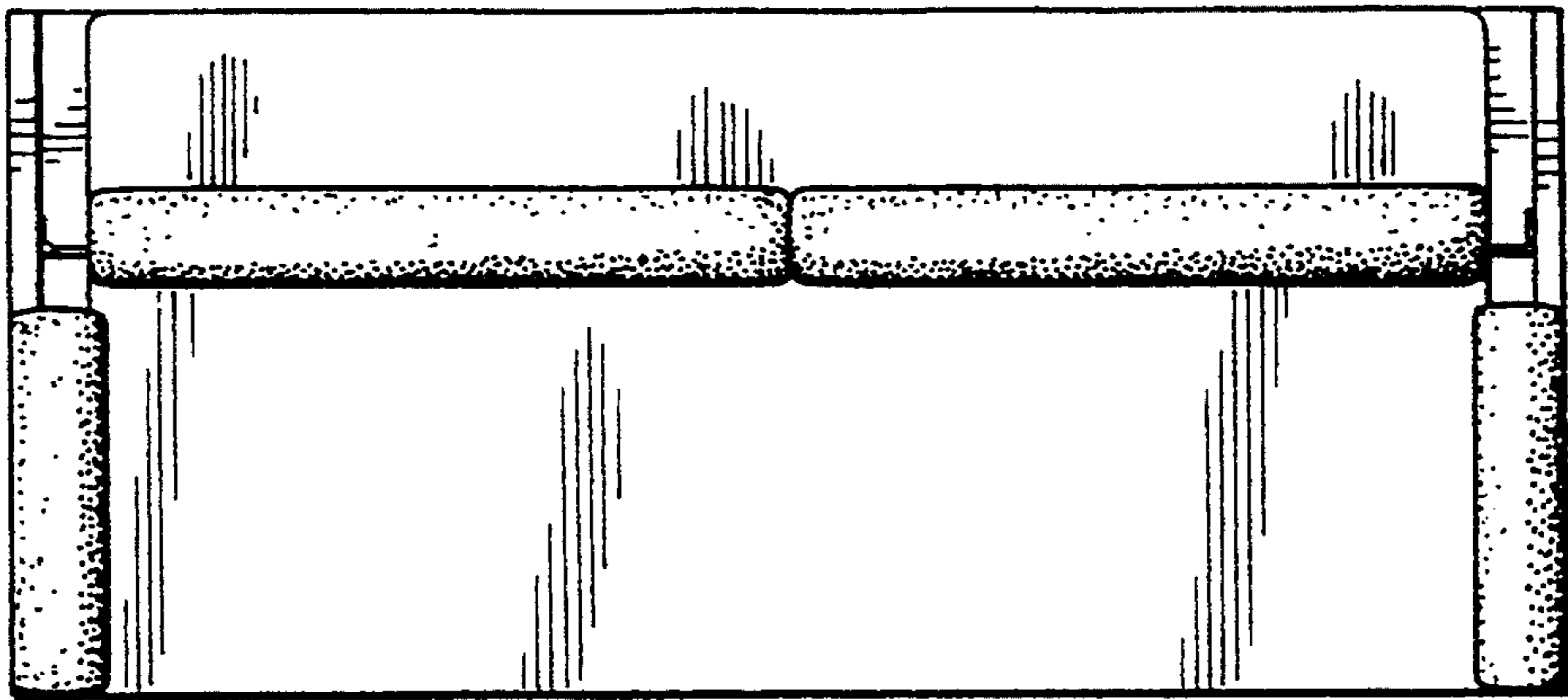
*FIG. 4*



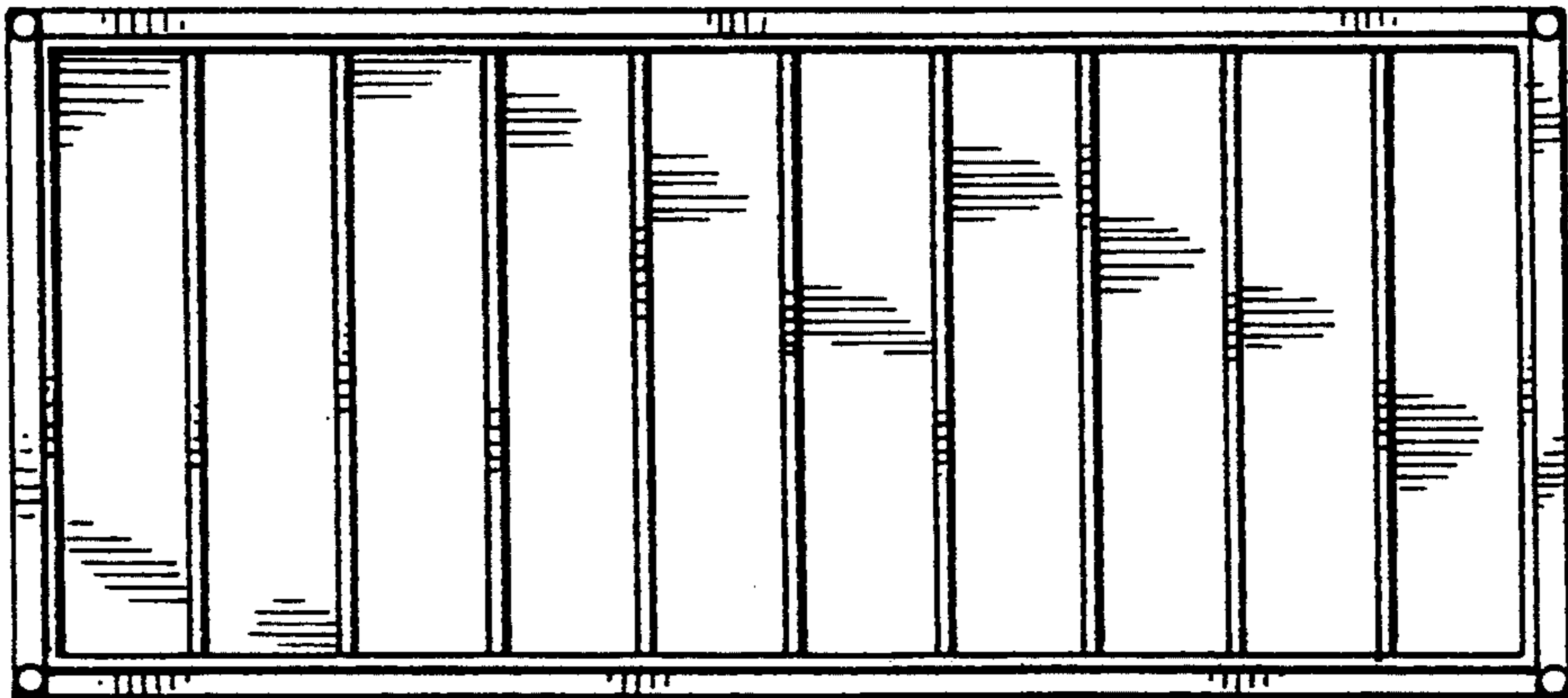
*FIG. 5*



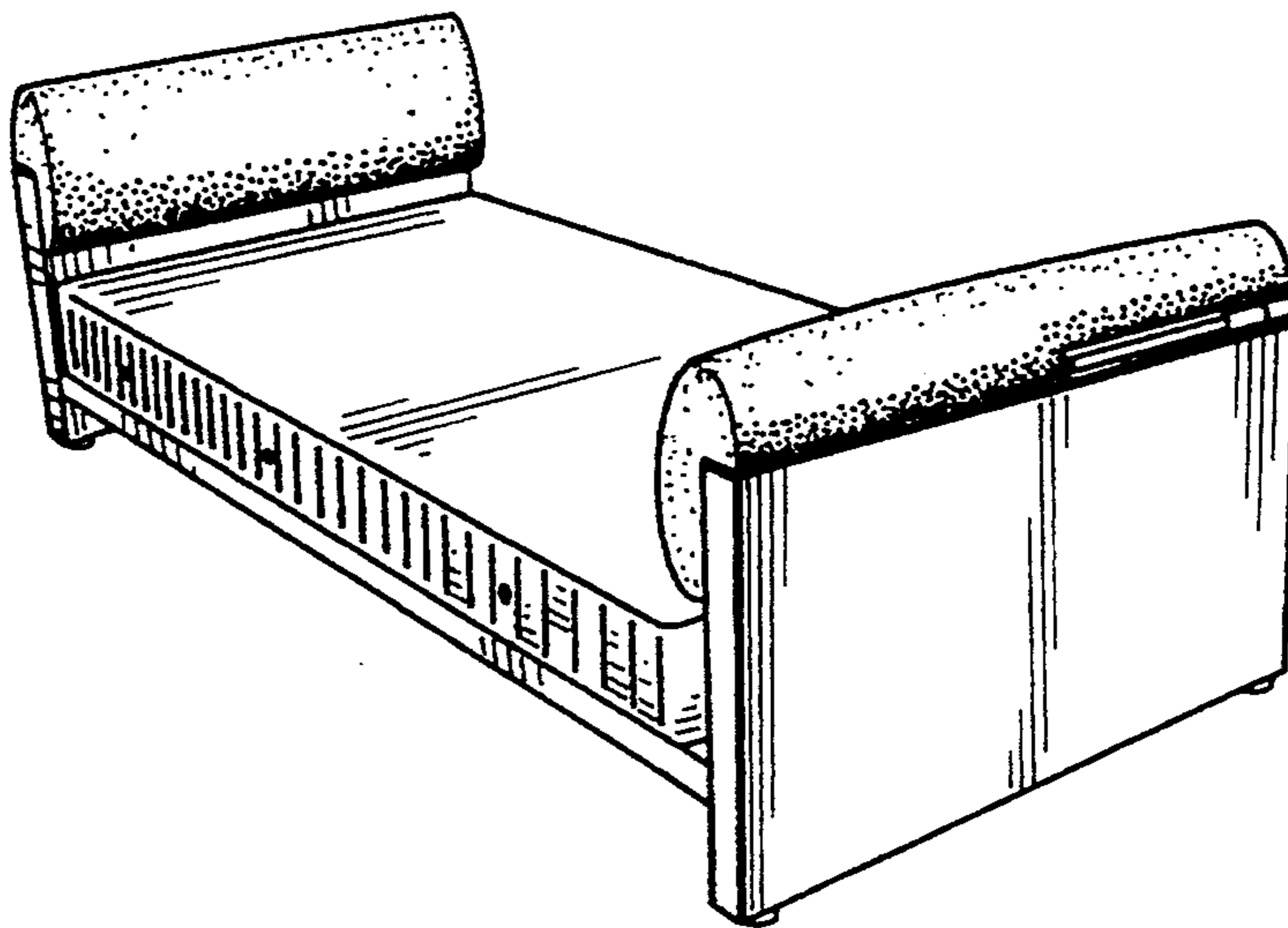
*FIG. 6*



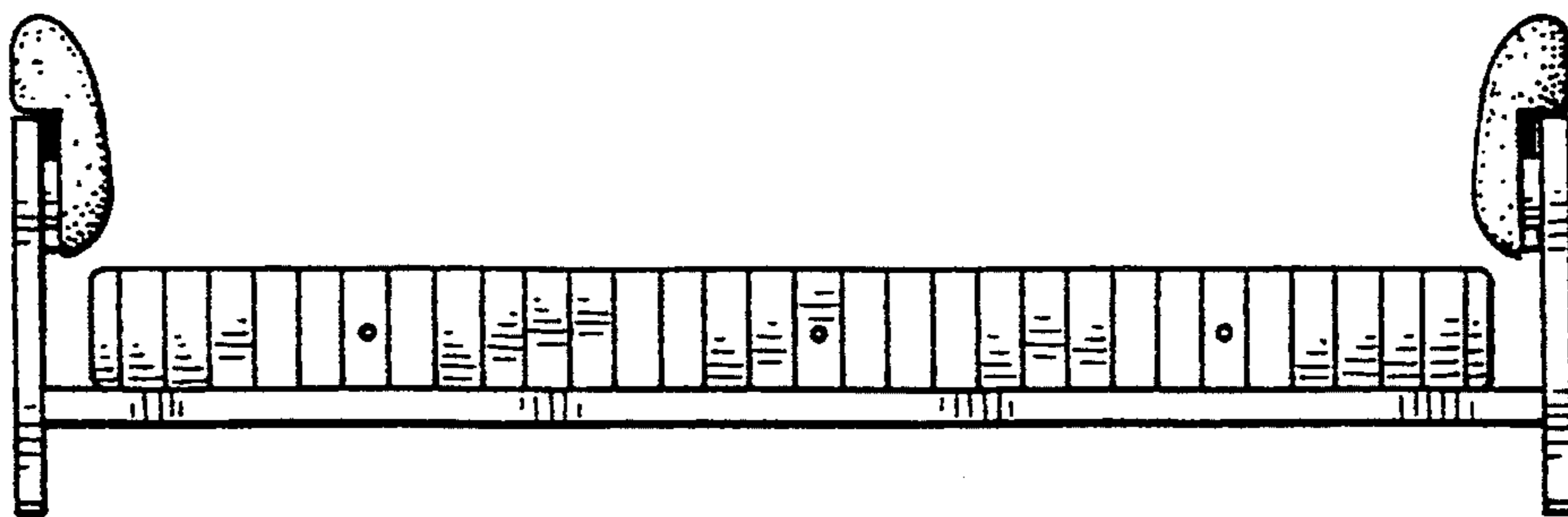
*FIG. 7*



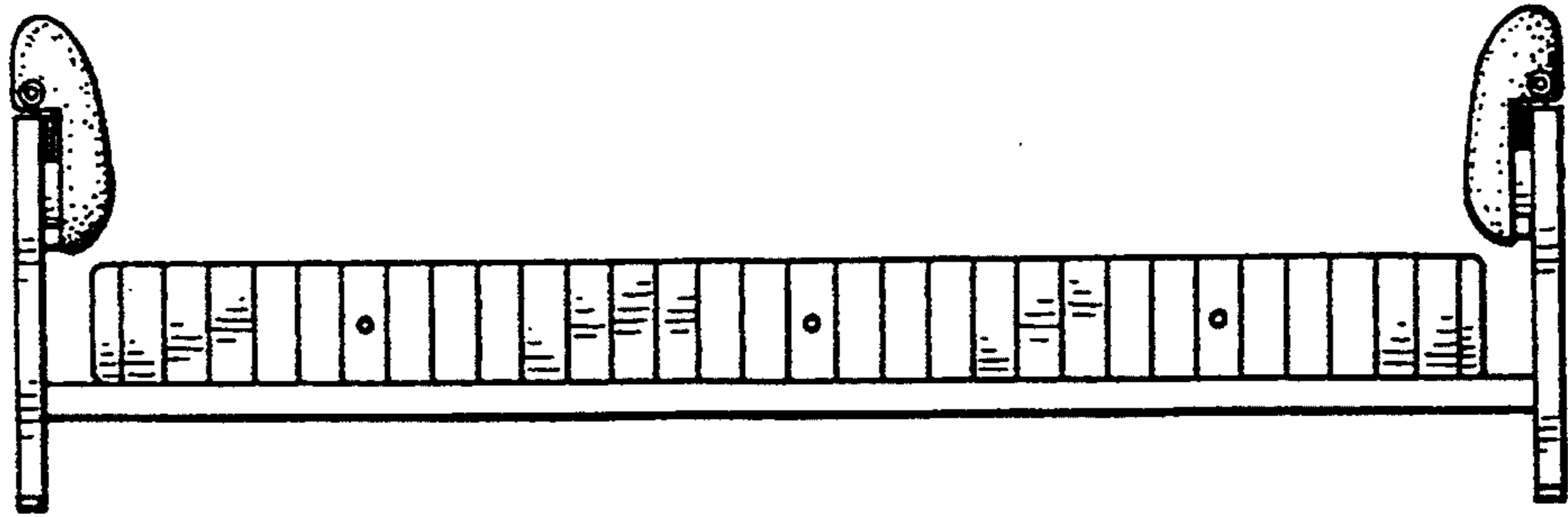
*FIG. 8*



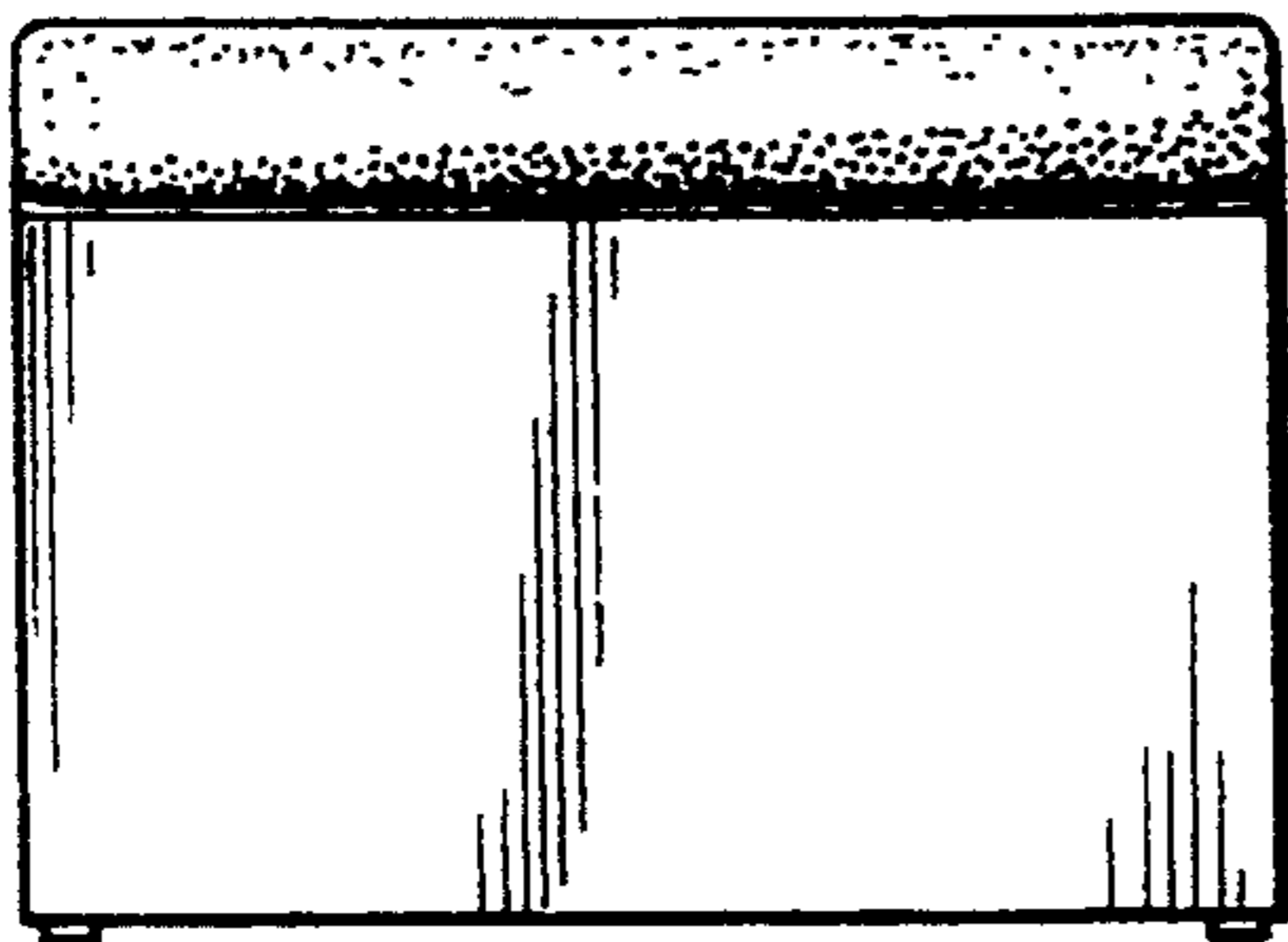
*FIG. 9*



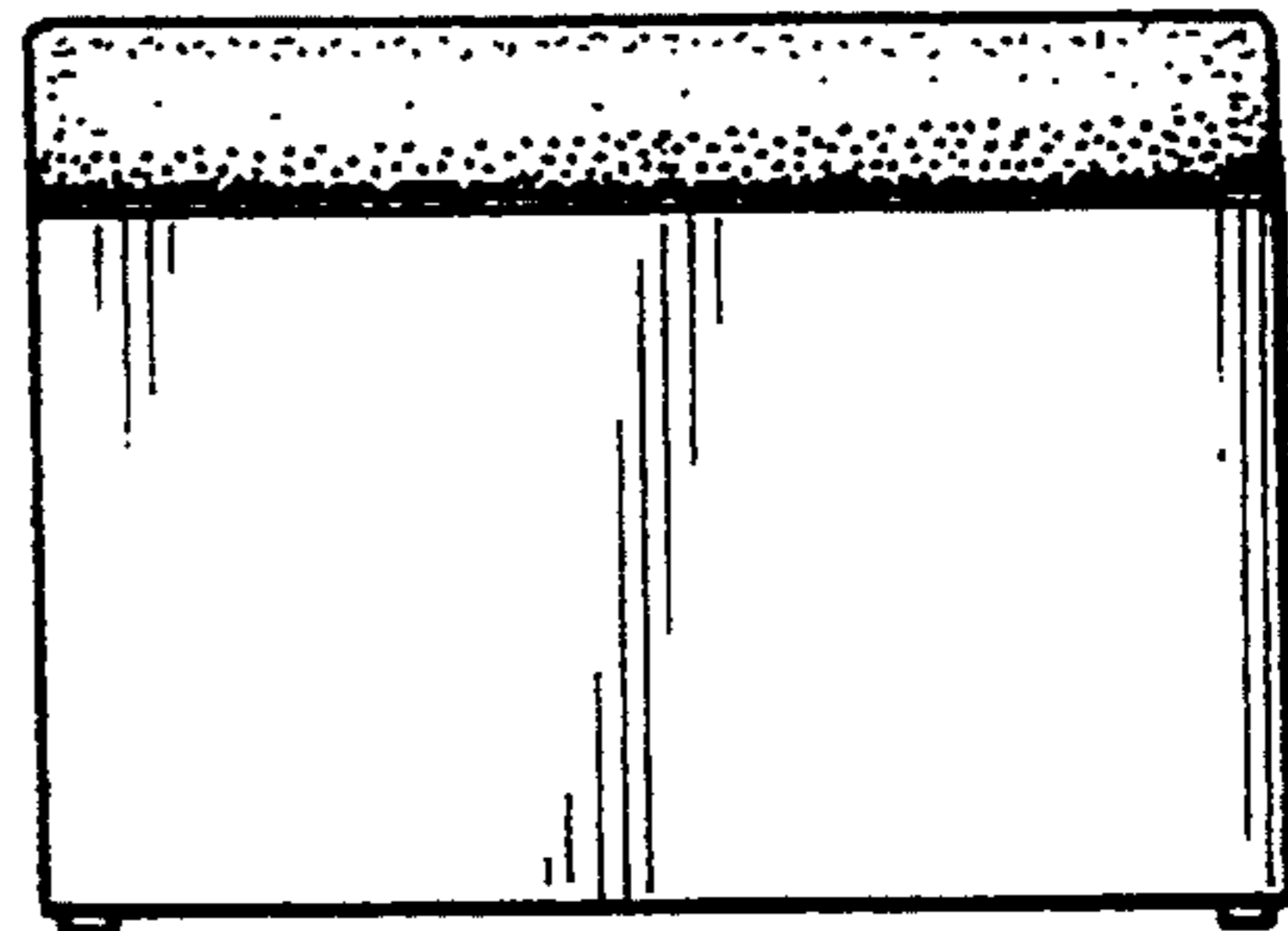
*FIG. 10*



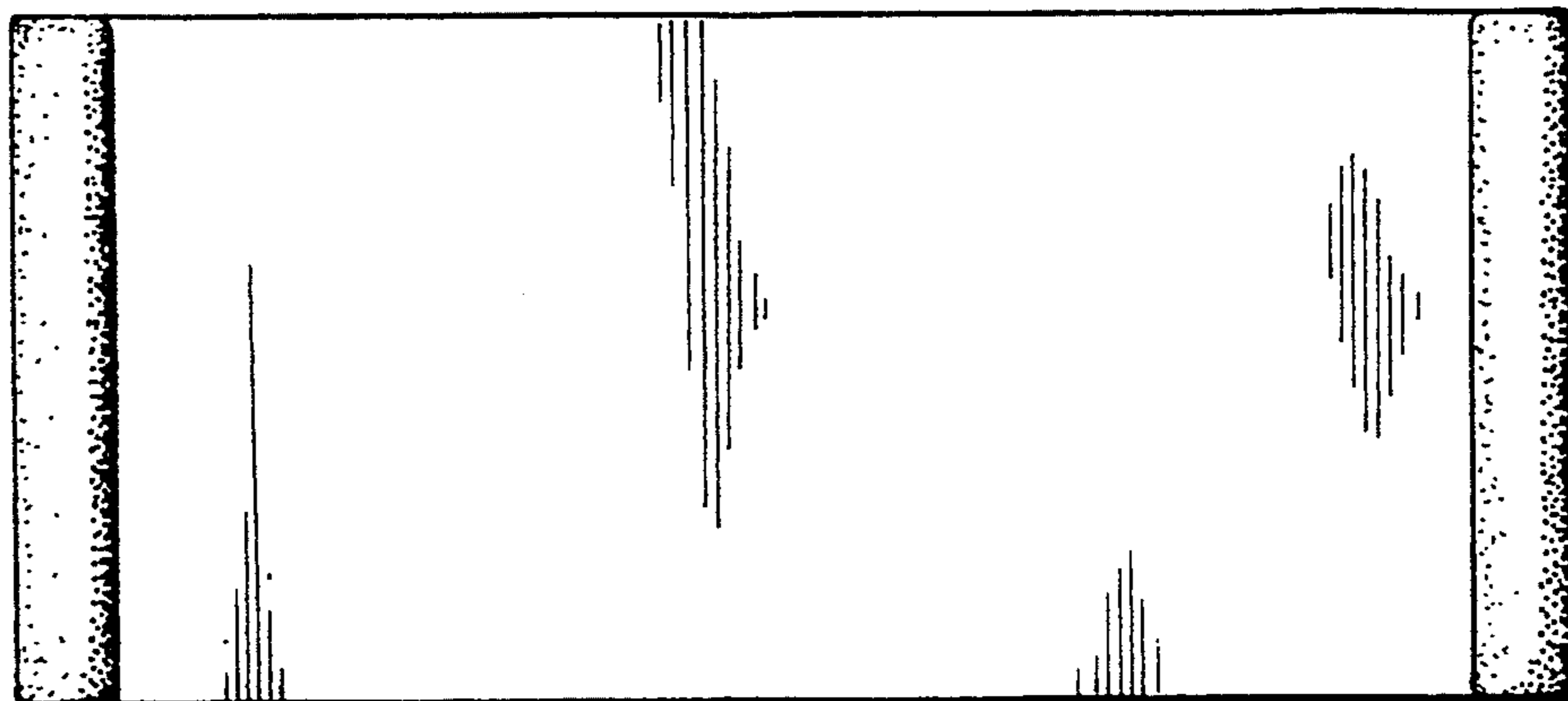
*FIG. 11*



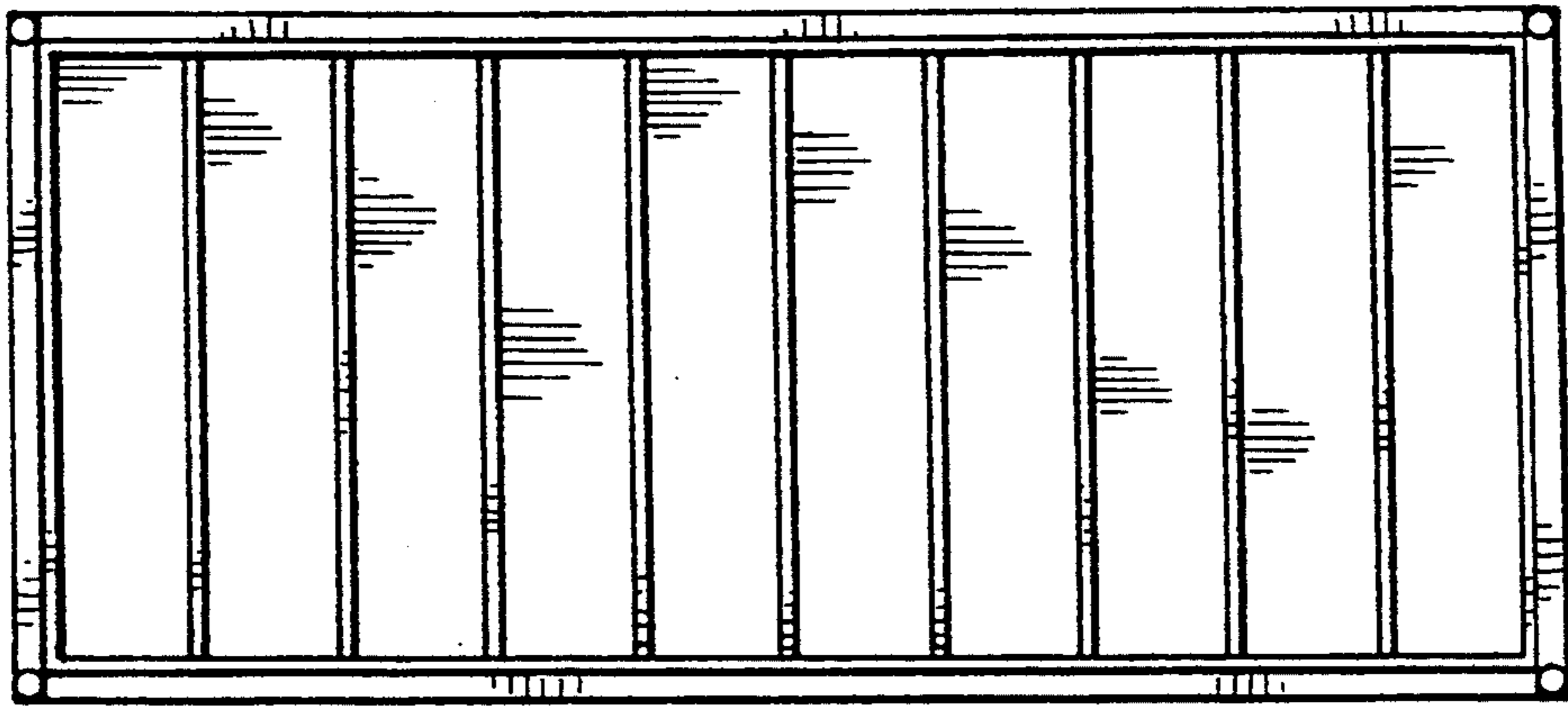
*FIG. 12*



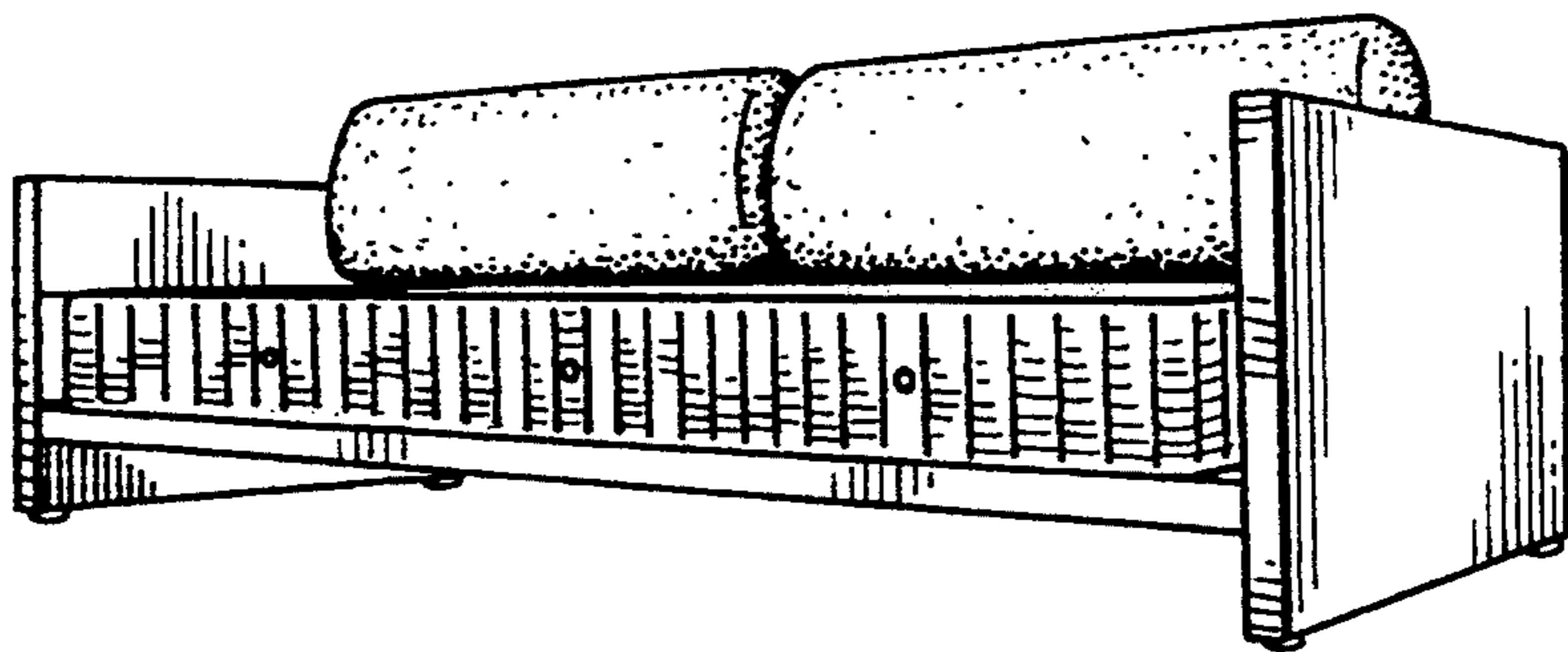
*FIG. 13*



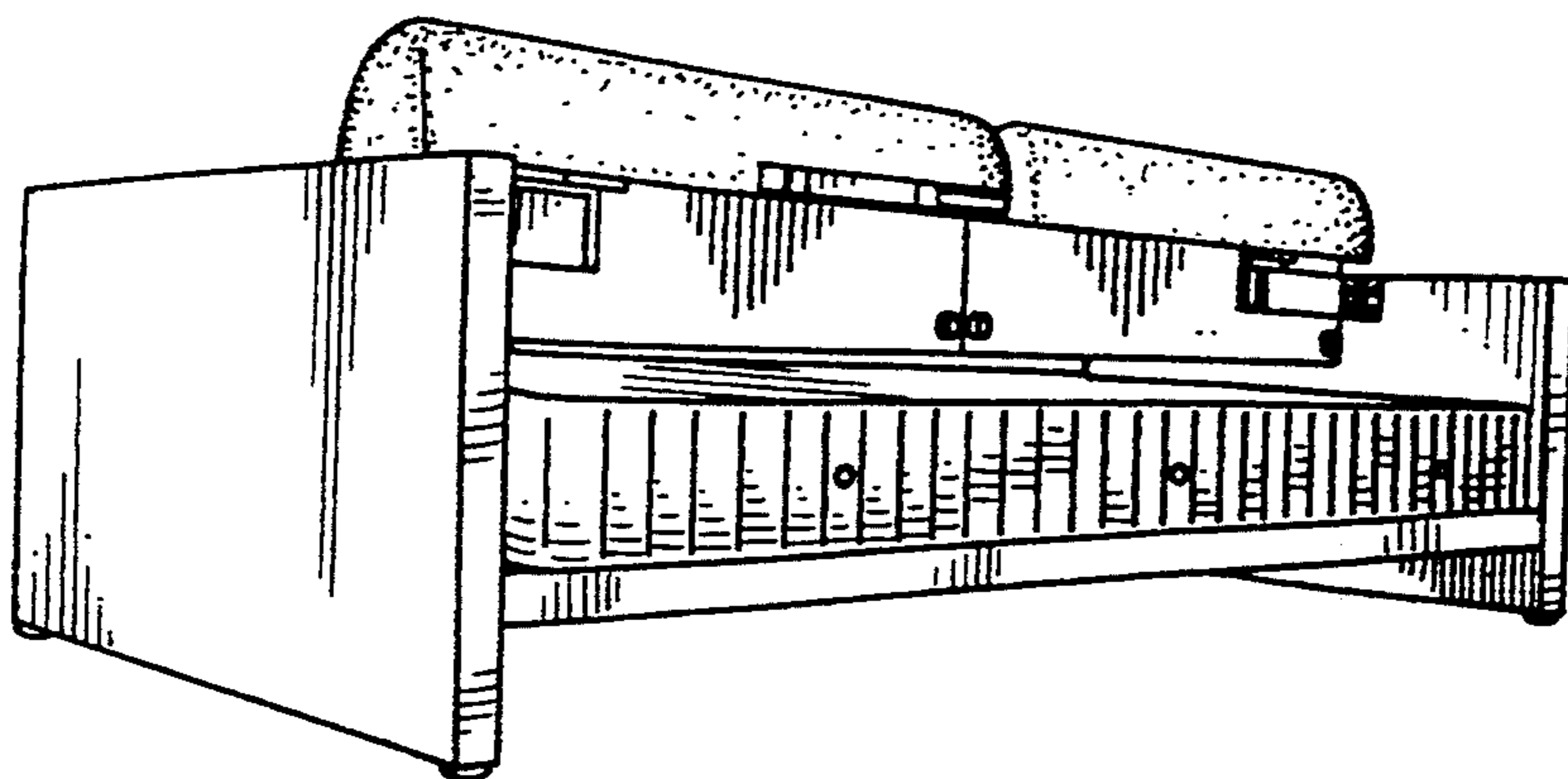
*FIG. 14*



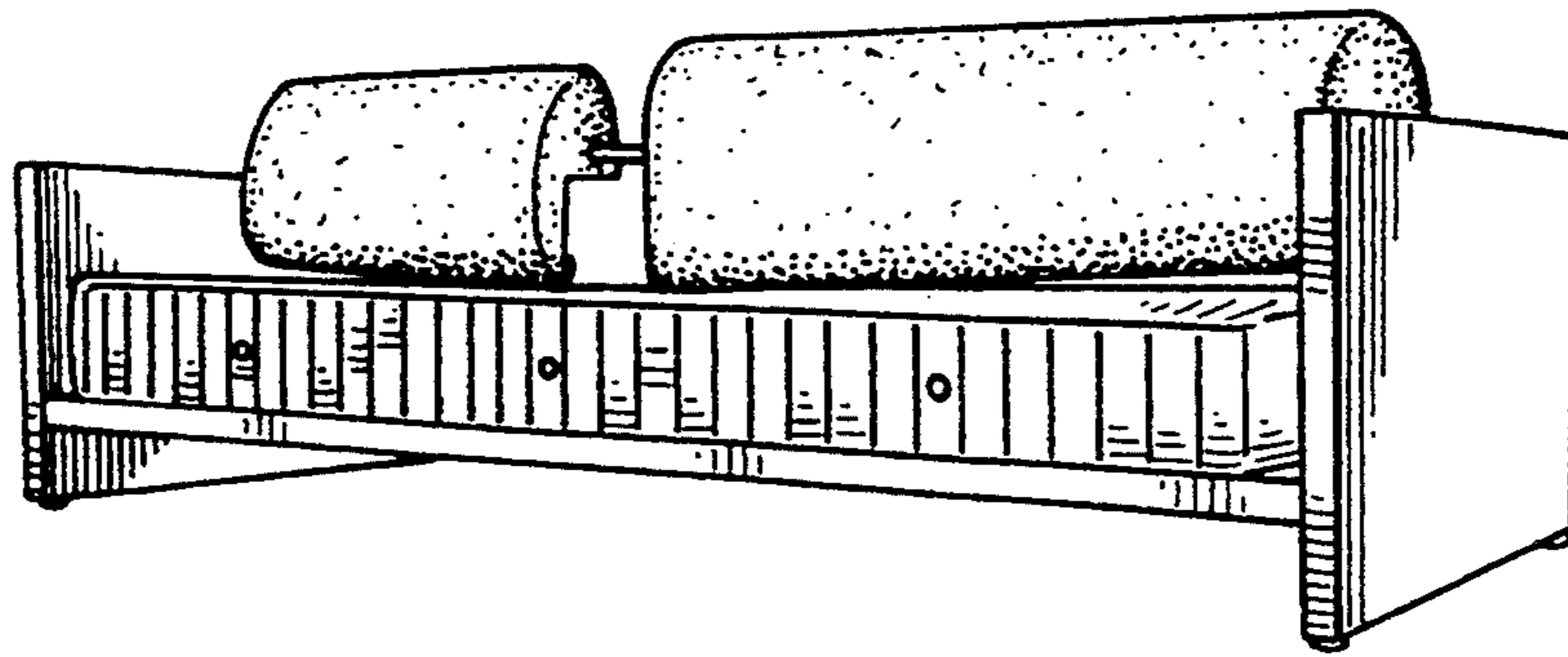
*FIG. 15*



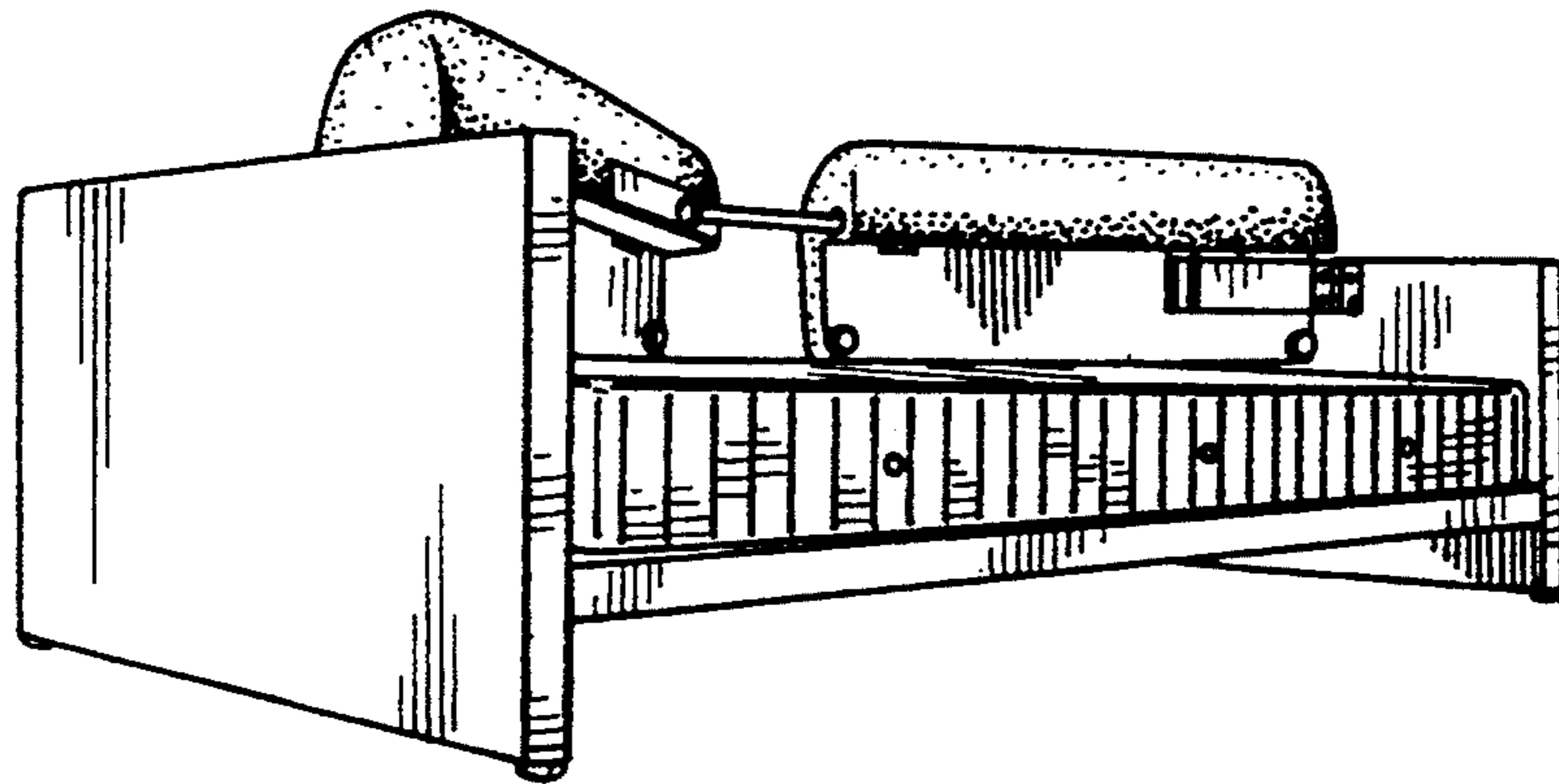
*FIG. 16*



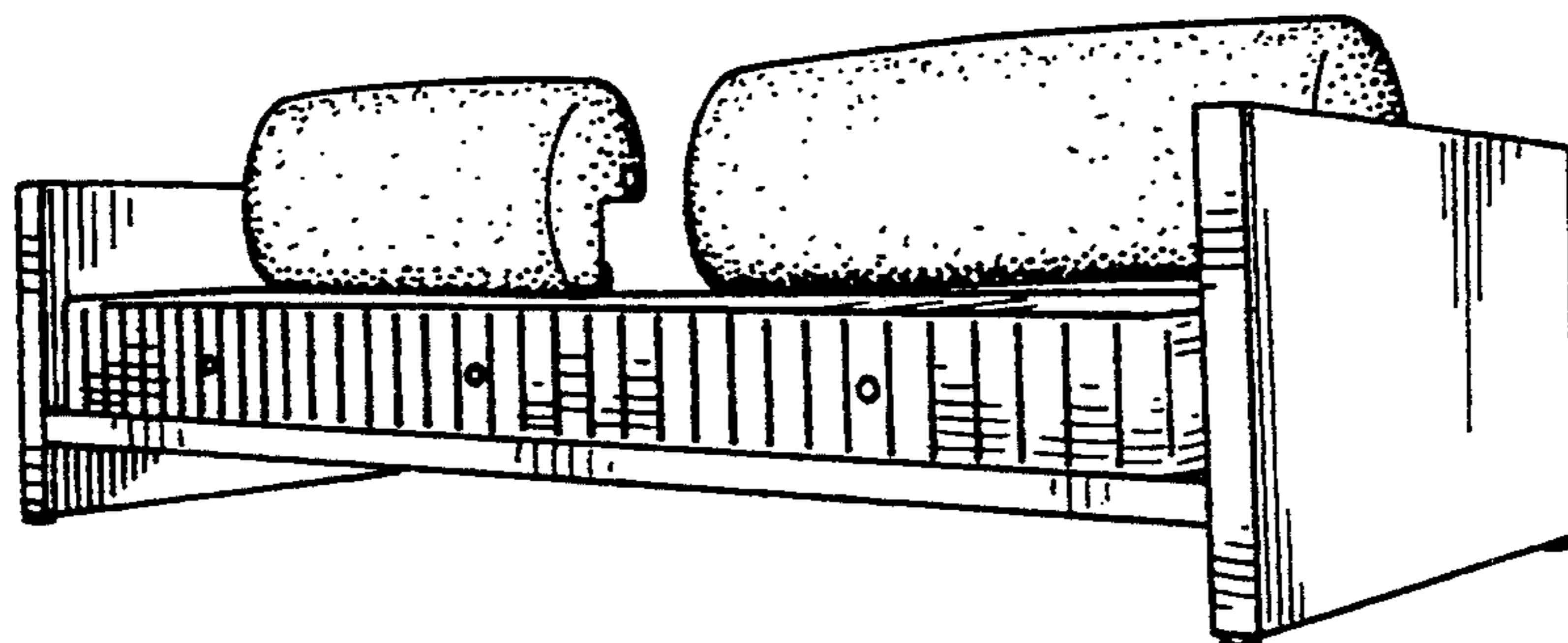
*FIG. 17*



*FIG. 18*

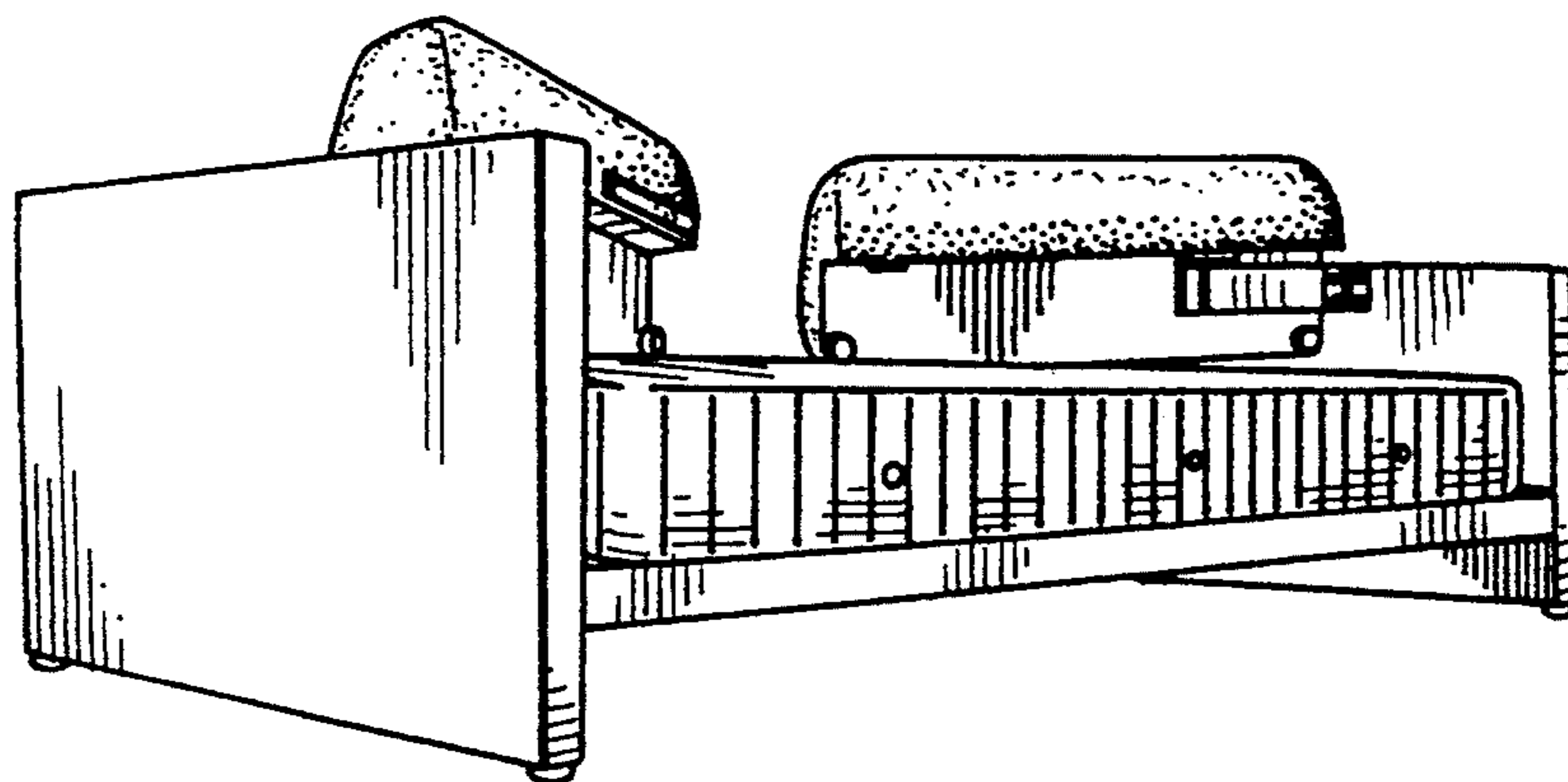


*FIG. 19*

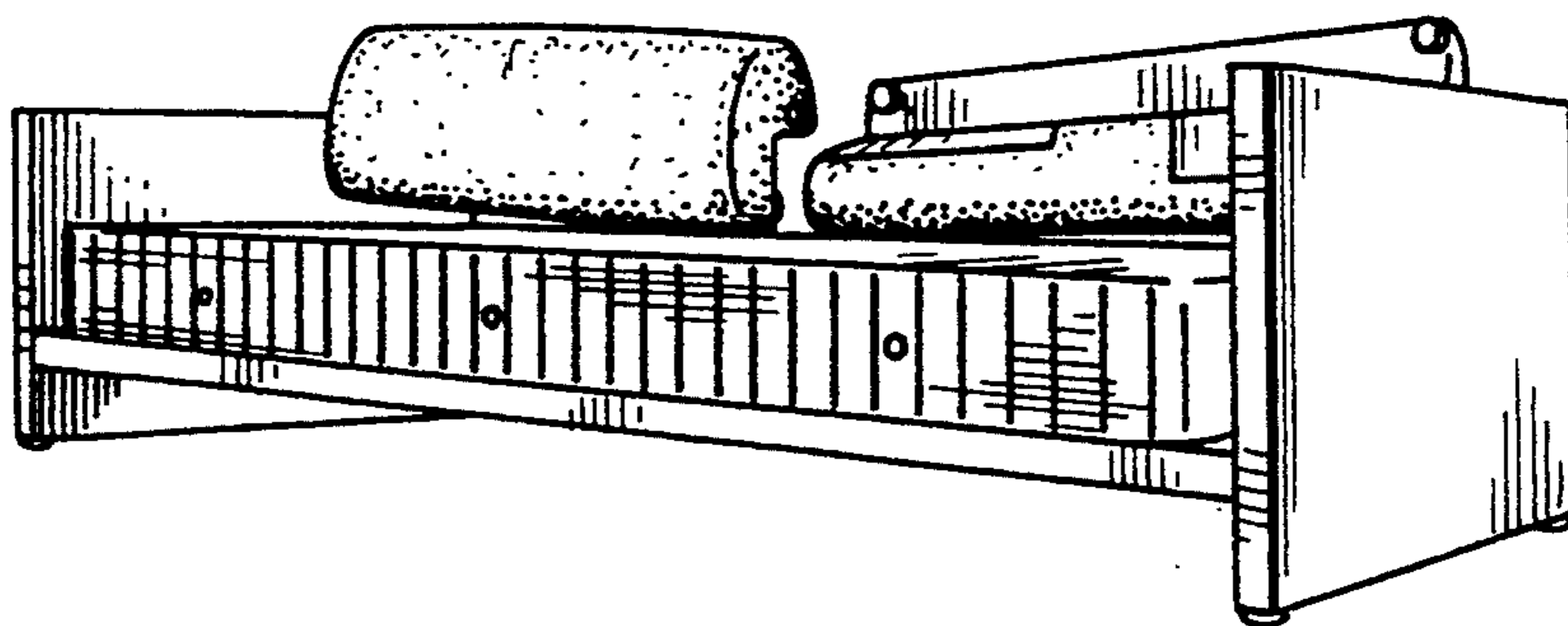




*FIG. 20*



*FIG. 21*



*FIG. 22*

