



US00D369684S

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

[11] **Patent Number: Des. 369,684**  
[45] **Date of Patent: \*\*May 14, 1996**

[54] **CONVERTIBLE CHAIR LADDER**

[76] Inventors: **John J. Engel**, 940 Country Club Cir.,  
Ripon, Calif. 95366; **Robert W. Kammerer**, 12449 Lee School Rd.,  
Wilton, Calif. 95693

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

[21] Appl. No.: **41,481**

[22] Filed: **Jul. 17, 1995**

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

[58] **Field of Search** ..... D6/334, 335, 336,  
D6/350, 353, 370, 380, 500, 501, 502;  
182/33, 33.2, 33.3, 33.4; 297/118

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 23,739	10/1894	Herhold	.....	D6/335
D. 111,670	10/1938	Sunquist et al.	.....	D6/335
D. 153,488	4/1949	Balavny	.....	D6/335
D. 161,792	1/1951	Schilling	.....	D6/335
D. 353,720	12/1994	Ward	.....	D6/370
371,128	10/1887	Dudley	.....	182/33.3 X
910,818	1/1909	Hook	.....	182/33 X
2,291,996	8/1942	Tucker	.....	182/33.2

**FOREIGN PATENT DOCUMENTS**

513850	11/1920	France	.....	182/33.2
--------	---------	--------	-------	----------

**OTHER PUBLICATIONS**

Hasluck Woodworking, ©1907, pp. 525 & 526, Chair at  
bottom right and chair at top left, respectively.  
Popular Mechanics, Feb. 1952, p. 205, chair in center of  
page.

*Primary Examiner*—Gary D. Watson  
*Attorney, Agent, or Firm*—Lothrop & West

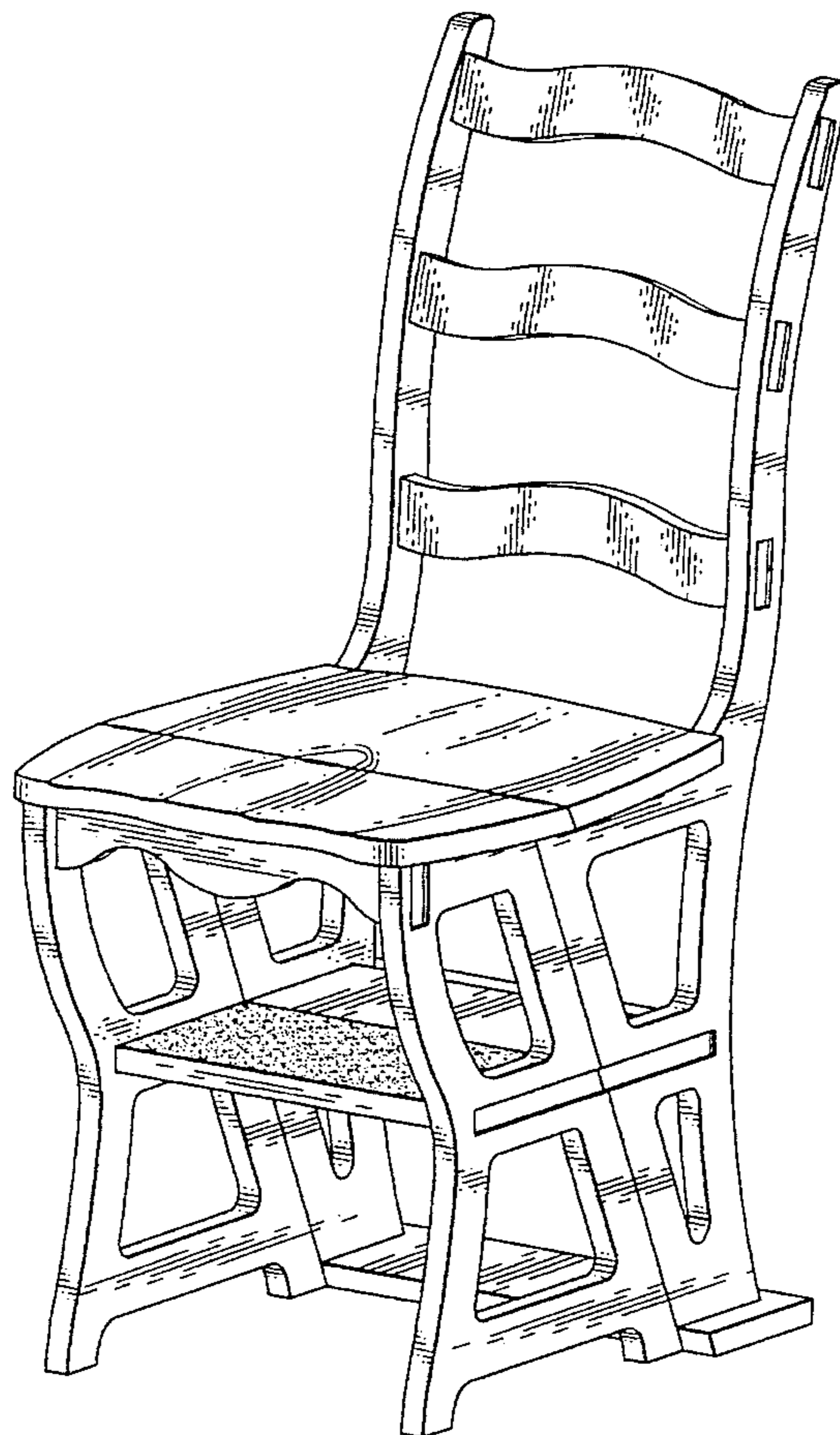
[57] **CLAIM**

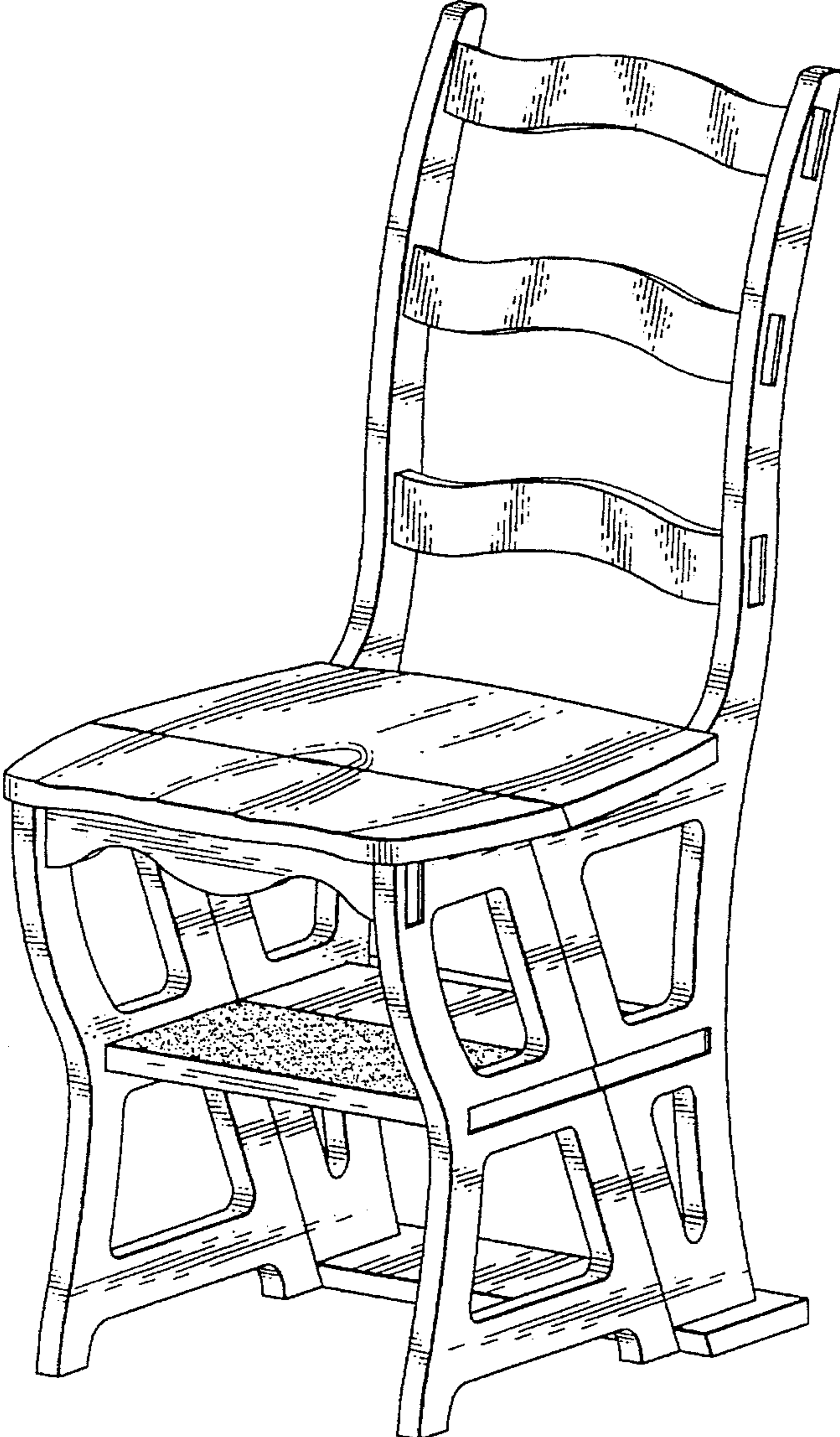
The ornamental design for a convertible chair ladder, as  
shown and described.

**DESCRIPTION**

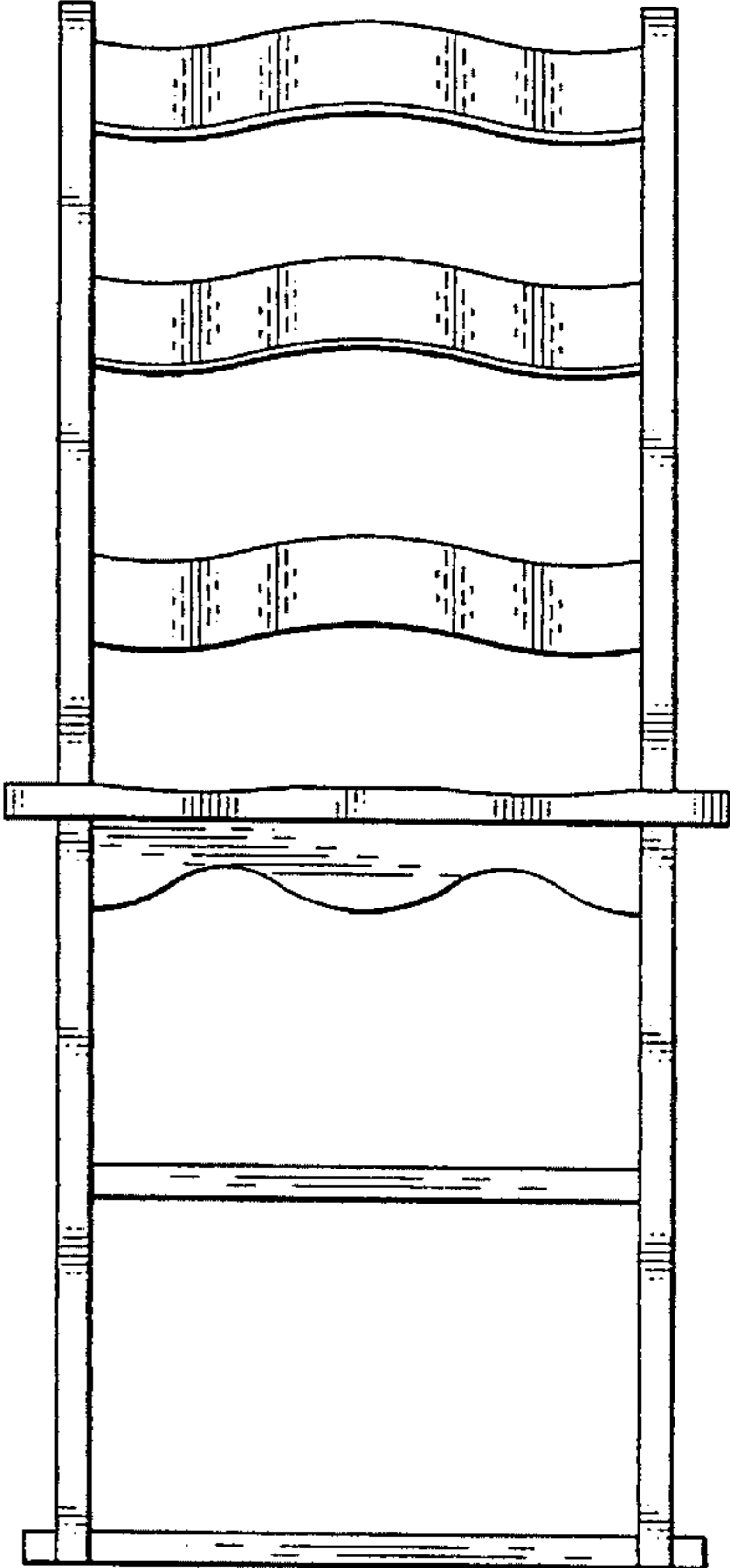
FIG. 1 is a front perspective view of a convertible chair  
ladder, in chair mode, showing our new design;  
FIG. 2 is a front elevation thereof;  
FIG. 3 is a rear elevation thereof;  
FIG. 4 is an elevation of one side thereof, the opposite side  
elevation being a mirror image;  
FIG. 5 is a top plan thereof;  
FIG. 6 is a bottom plan thereof;  
FIG. 7 is a front perspective view thereof in ladder mode;  
FIG. 8 is a front elevation thereof;  
FIG. 9 is an elevation of one side thereof, the opposite side  
being a mirror image;  
FIG. 10 is a rear elevation thereof;  
FIG. 11 is a top plan thereof; and,  
FIG. 12 is a bottom plan thereof.

**1 Claim, 4 Drawing Sheets**

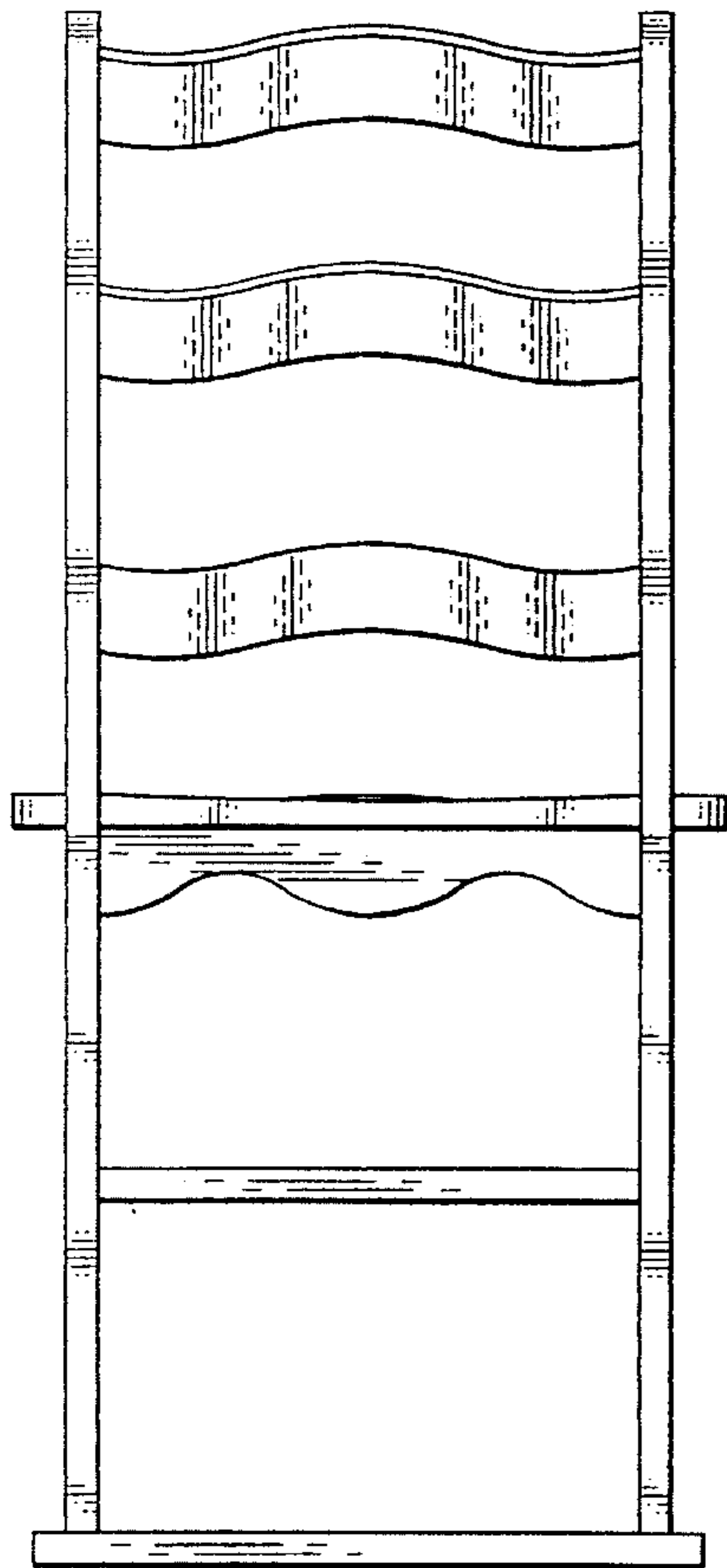




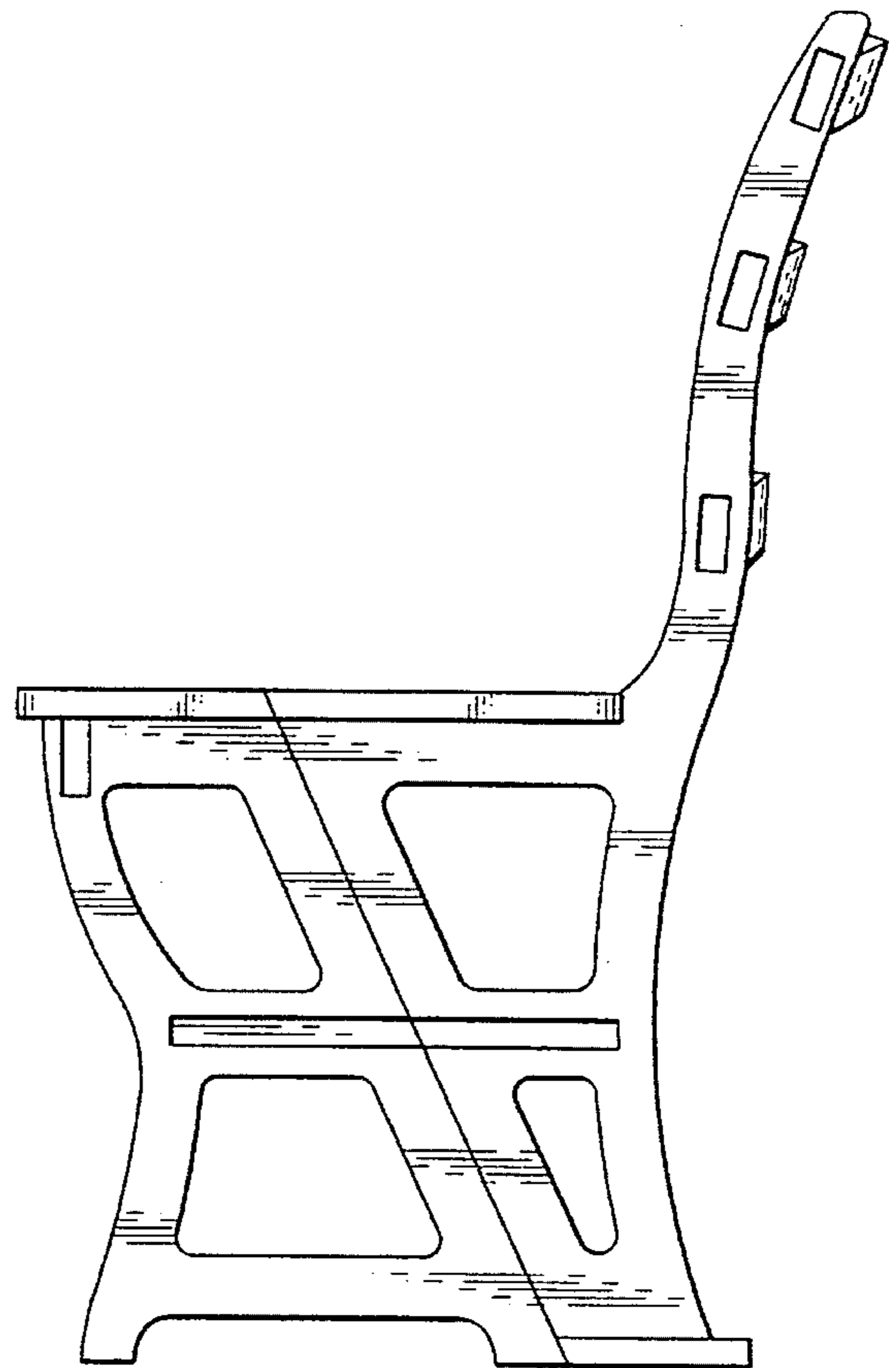
*Fig. 1*



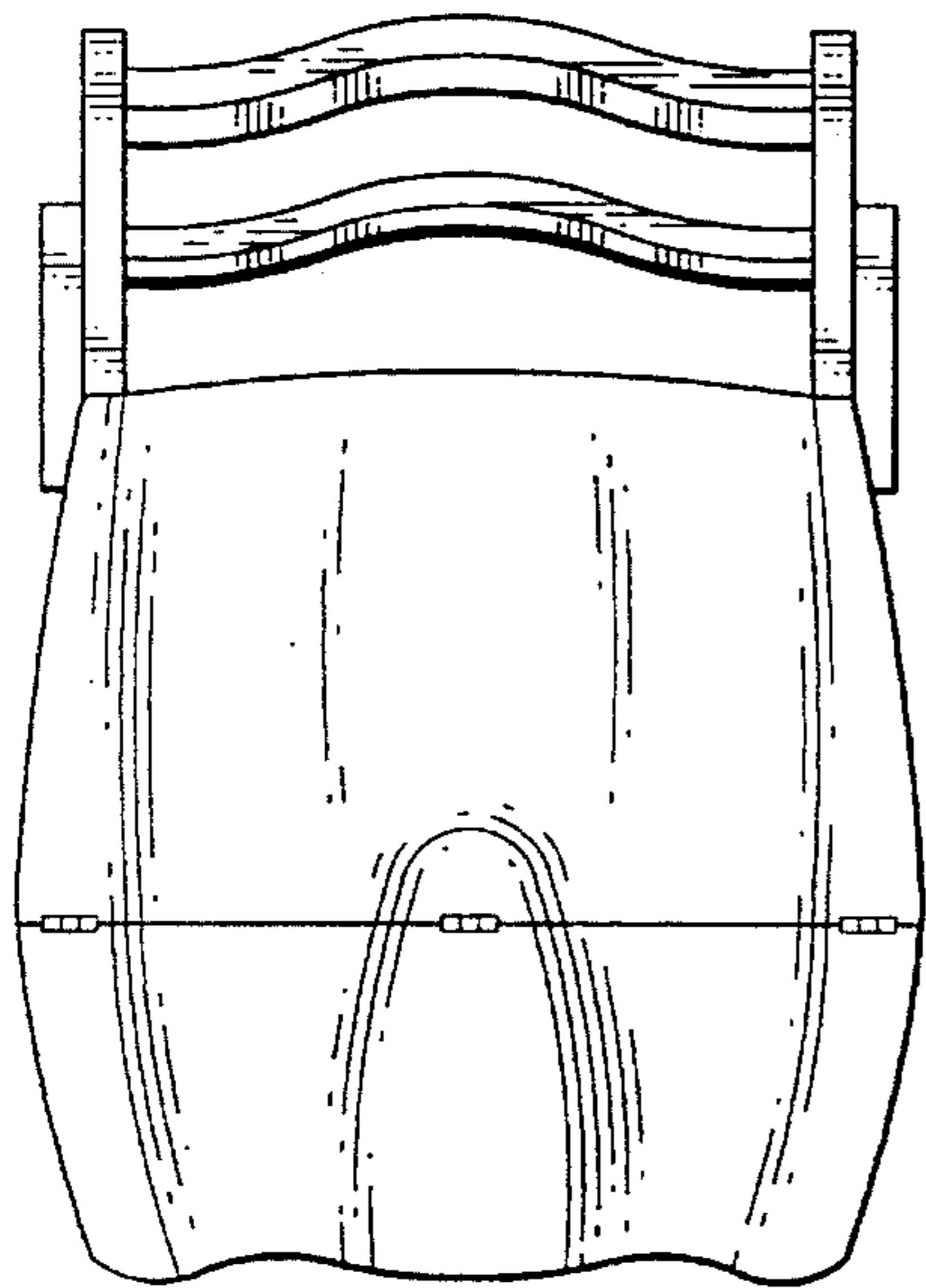
*Fig. 2*



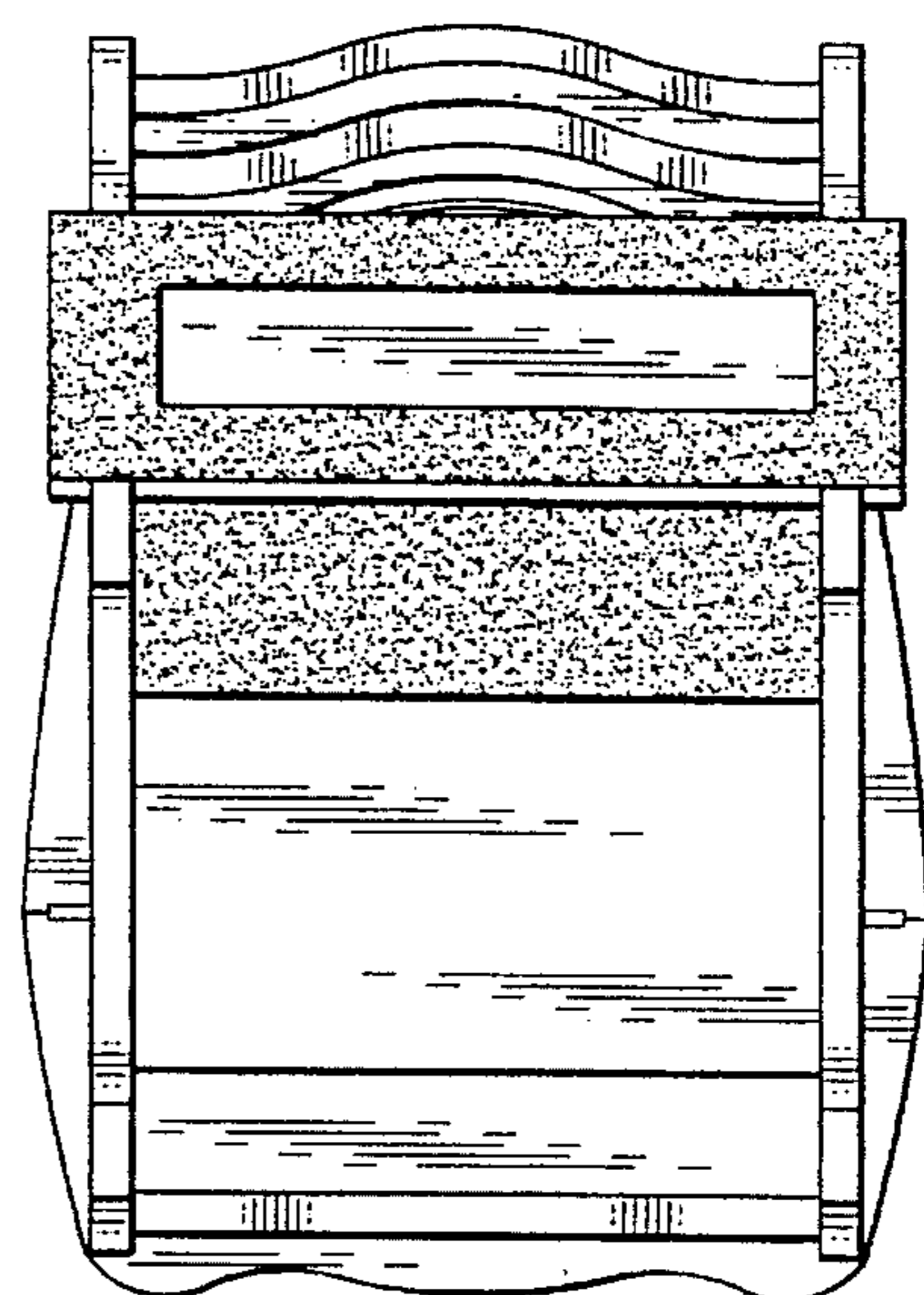
*Fig. 3*



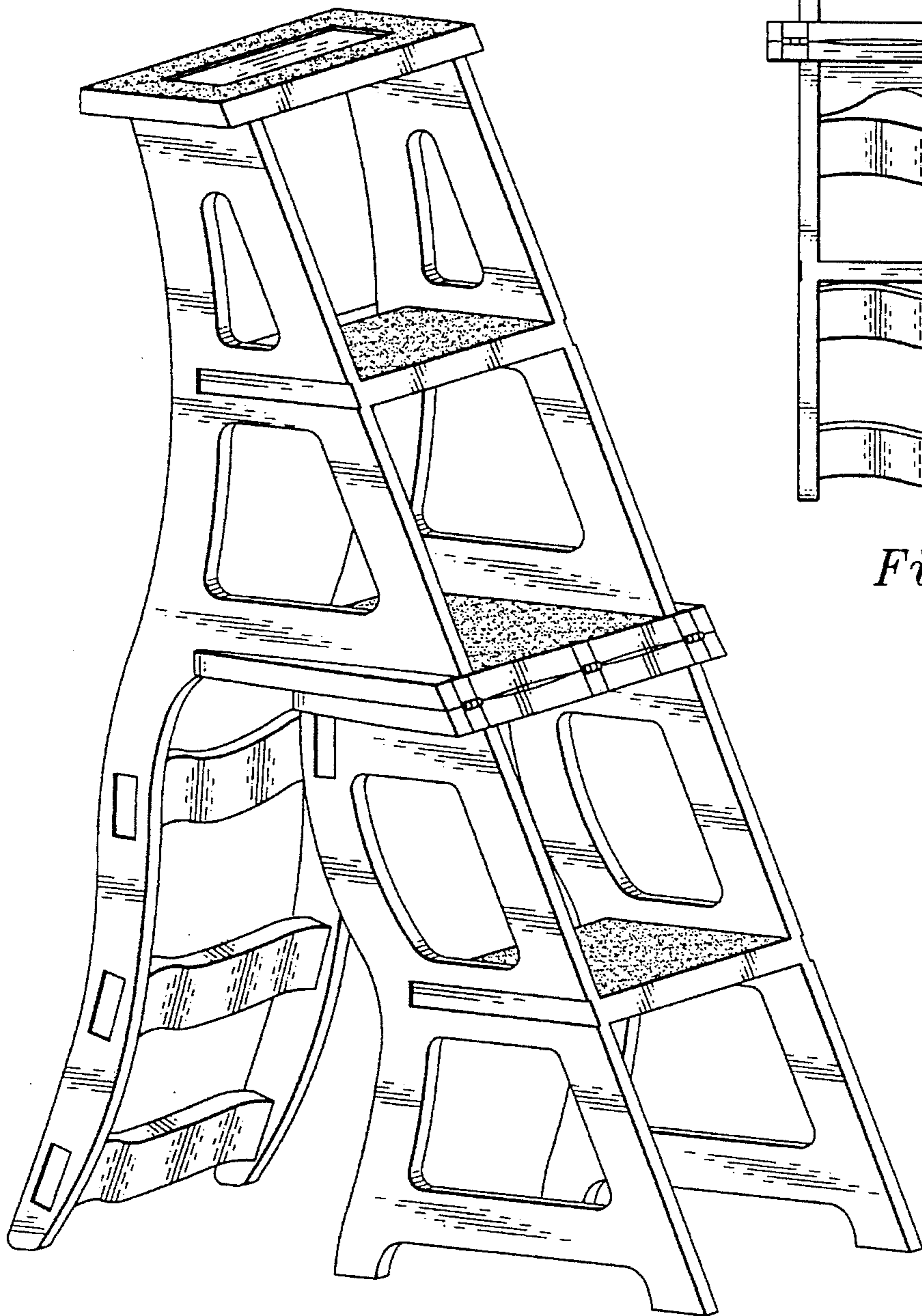
*Fig. 4*



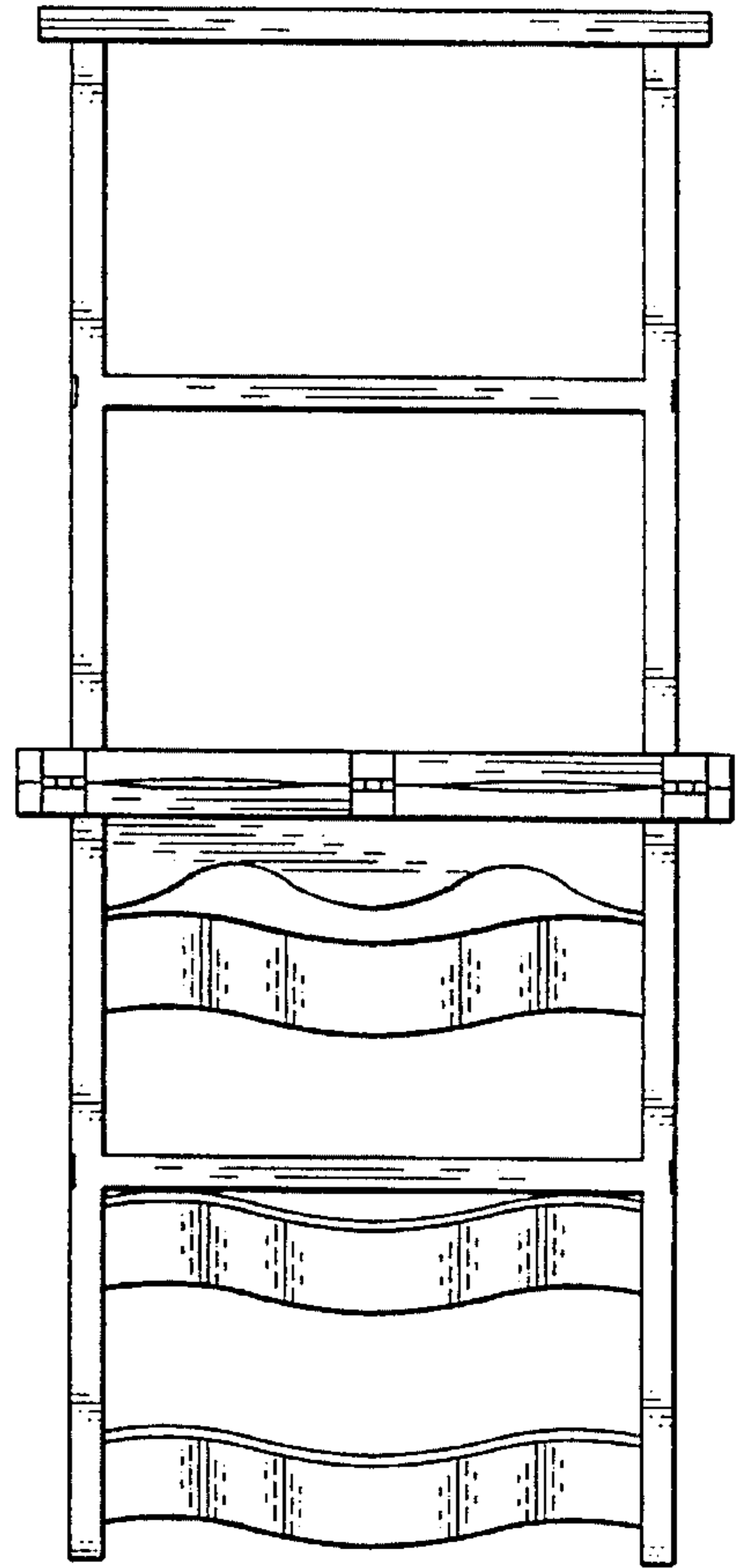
*Fig. 5*



*Fig. 6*



*Fig. 7*



*Fig. 8*

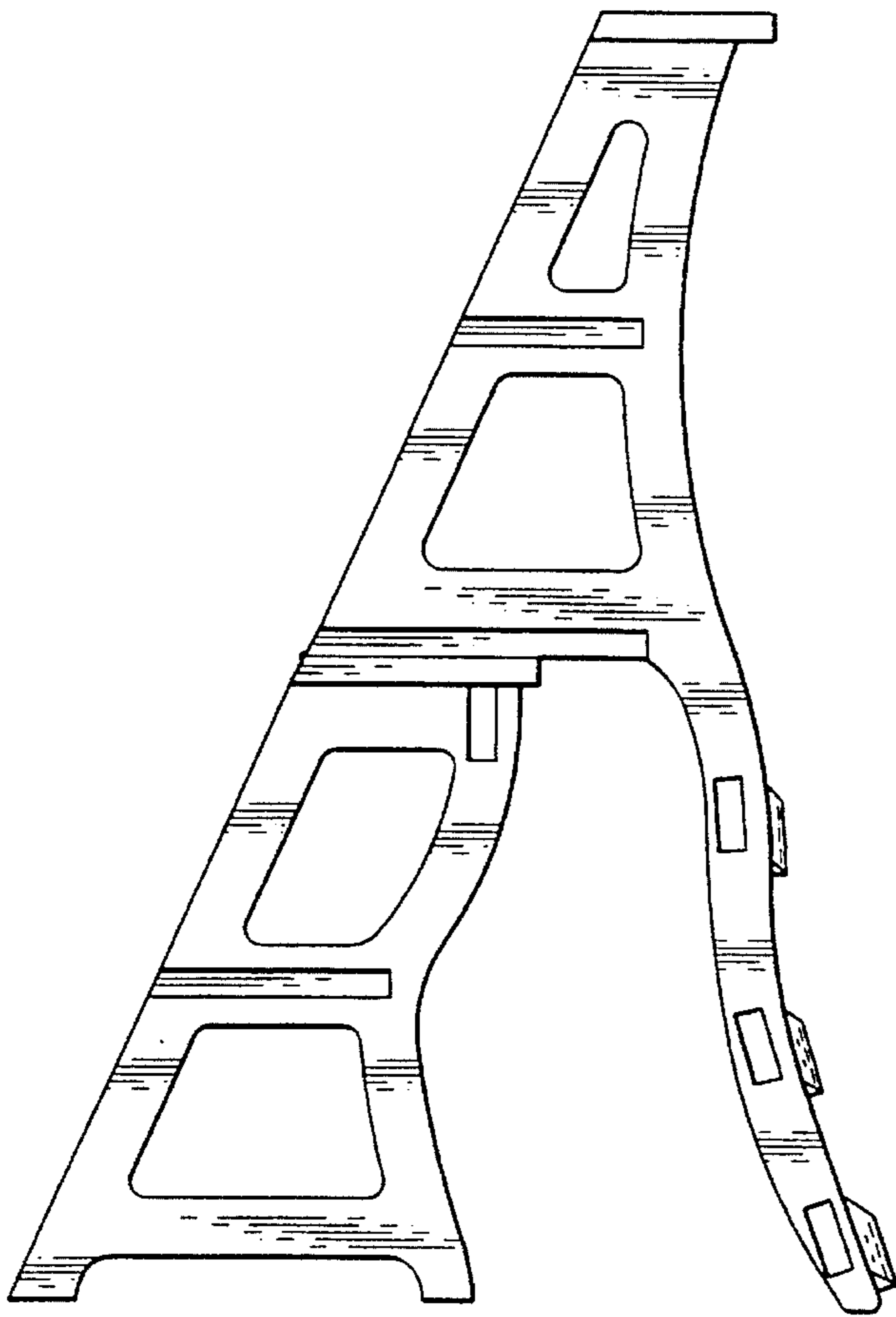


Fig. 9

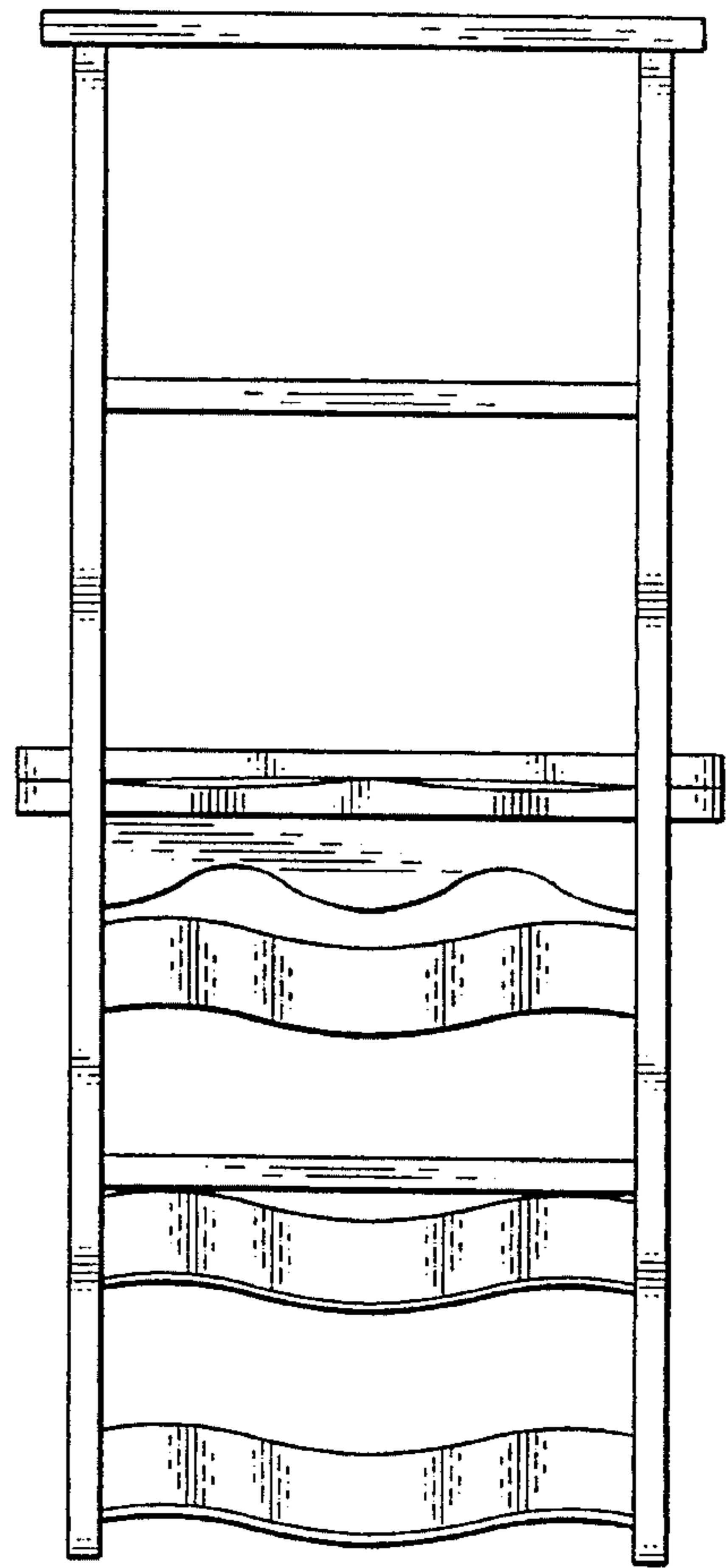


Fig. 10

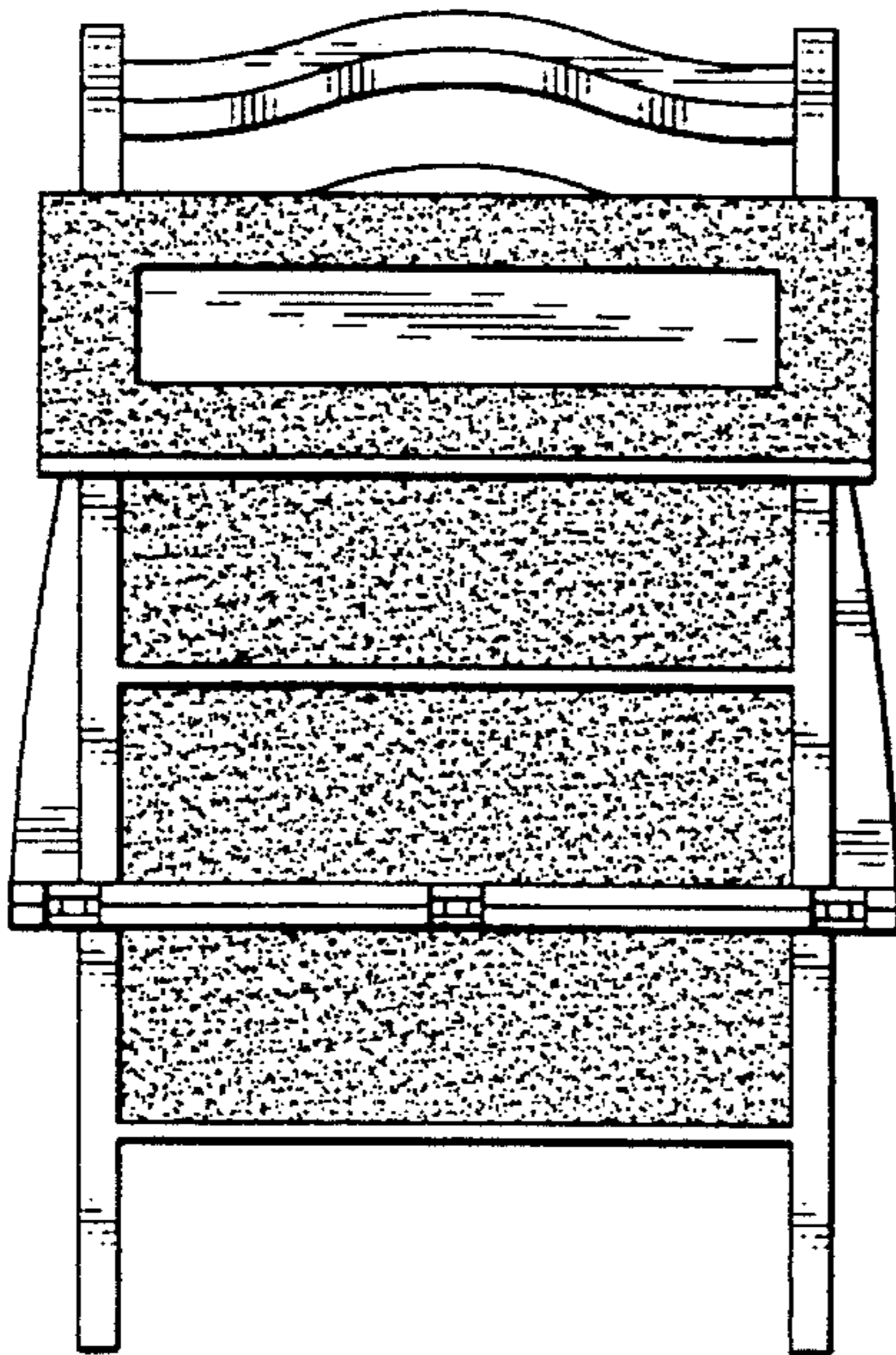


Fig. 11

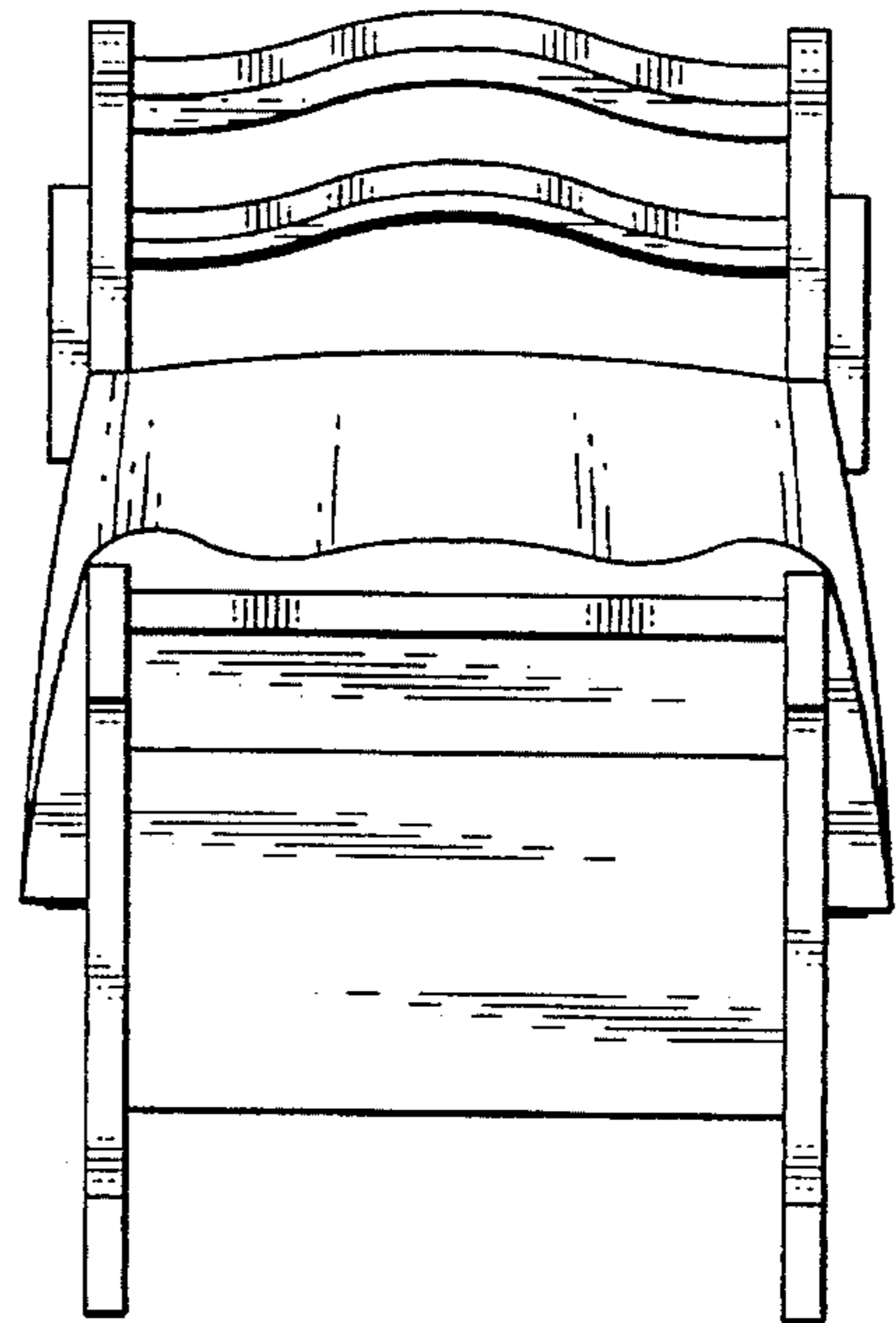


Fig. 12