



US00D424106S

United States Patent [19] Ko

[11] **Patent Number: Des. 424,106**

[45] **Date of Patent: ** May 2, 2000**

[54] **METAL RING BINDER**

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[75] Inventor: **Chung Nin Ko**, Kowloon, The Hong Kong Special Administrative Region of the People's Republic of China

[57] **CLAIM**

The ornamental design for a metal ring binder, as shown and described.

[73] Assignee: **Hong Kong Stationary Manufacturing Co., Ltd.**, Kowloon, The Hong Kong Special Administrative Region of the People's Republic of China

DESCRIPTION

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

[21] Appl. No.: **29/087,292**

[22] Filed: **Apr. 30, 1998**

[51] **LOC (7) Cl.** **19-04**

[52] **U.S. Cl.** **D19/32**

[58] **Field of Search** D19/26, 27, 32;
281/27.1, 27.2, 27.3, 45, 51; 402/26, 31,
41, 50, 70, 80 R

FIG. 1 is a perspective view of a metal ring binder, showing my new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a bottom plan view thereof;

FIG. 4 is a right side view thereof, the left side view being identical, and,

FIG. 5 is an end view thereof; the other end view being identical.

FIG. 6 is a perspective view, like in FIG. 1, showing an alternative form of the design, characterized by four pairs of indentations near the rings;

FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof;

FIG. 9 is a right side view thereof, the left side view being identical, and

FIG. 10 is an end view thereof; the other end view being identical.

FIG. 11 is a perspective view, like FIG. 1, showing a second alternative form of the design, characterized by four sets of triple indentations near the rings;

FIG. 12 is a top plan view thereof;

FIG. 13 is a bottom plan view thereof;

FIG. 14 is a right side view thereof, the left side view being identical, and,

FIG. 15 is an end view thereof; the other end view being identical.

[56] **References Cited**

U.S. PATENT DOCUMENTS

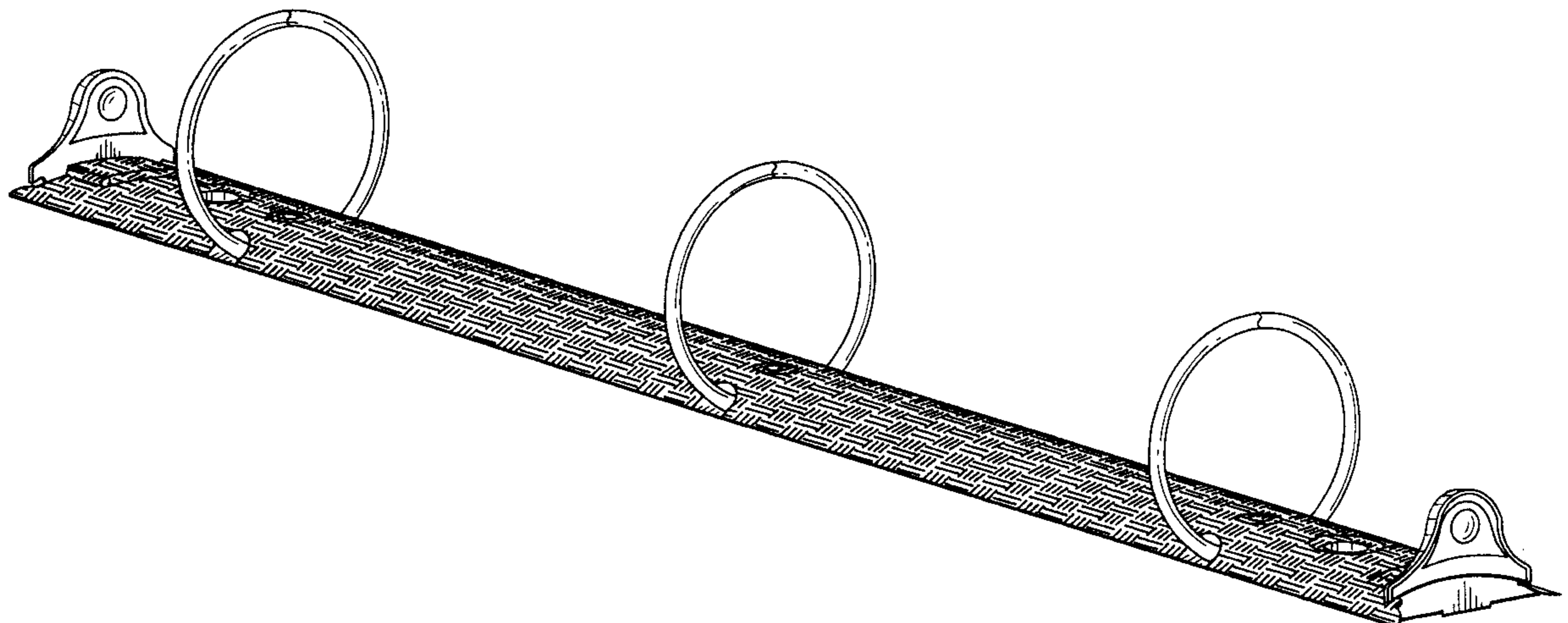
D. 382,593	8/1997	To .	
D. 389,182	1/1998	Law	D19/32
D. 389,183	1/1998	Chan .	
D. 391,290	2/1998	Chan .	
D. 392,673	3/1998	Whaley	D19/32
D. 397,146	8/1998	Chan	D19/32
D. 405,113	2/1999	Ko	D19/27
D. 409,240	5/1999	Ko	D19/32
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OTHER PUBLICATIONS

Letraset Reference Manual—1981, 1983—p. 259—Pattern #LT178.

Primary Examiner—Nelson C. Holtje

1 Claim, 9 Drawing Sheets



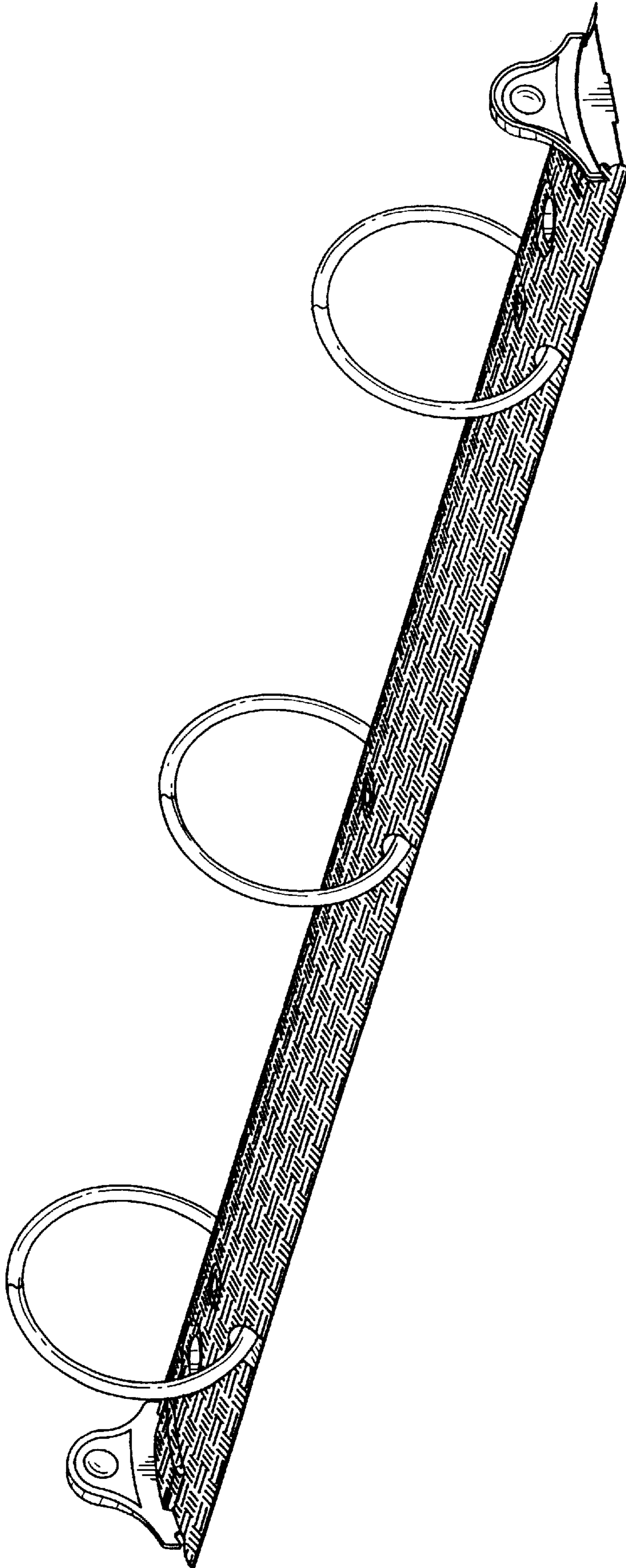


FIG. 1

FIG. 2

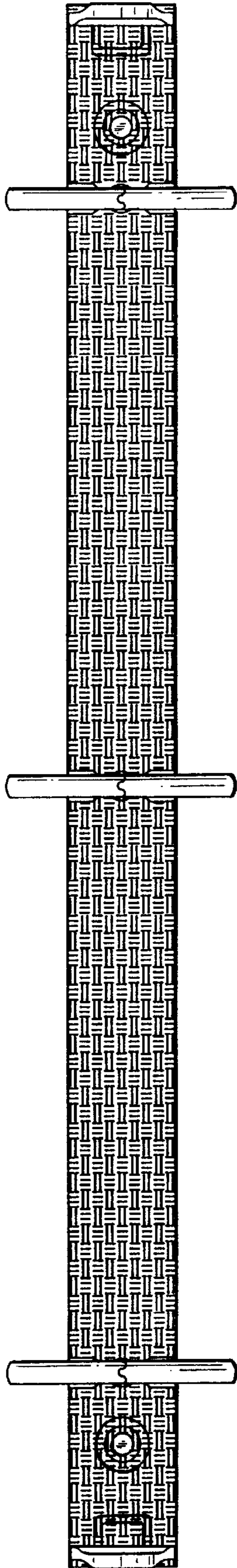


FIG. 3

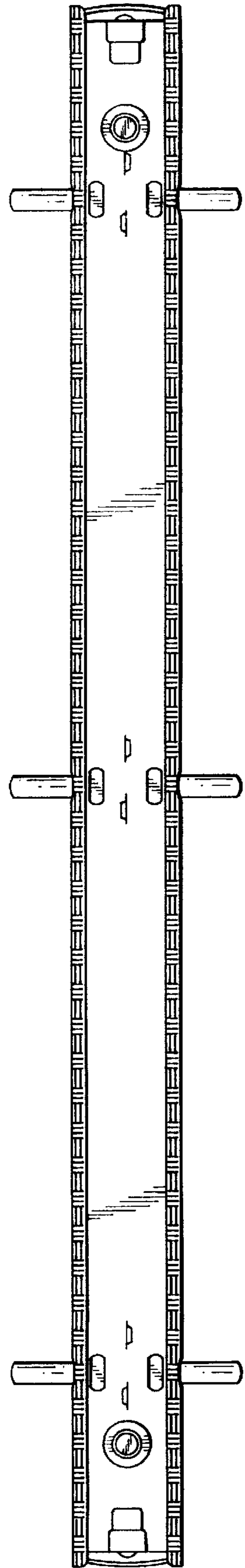


FIG. 4

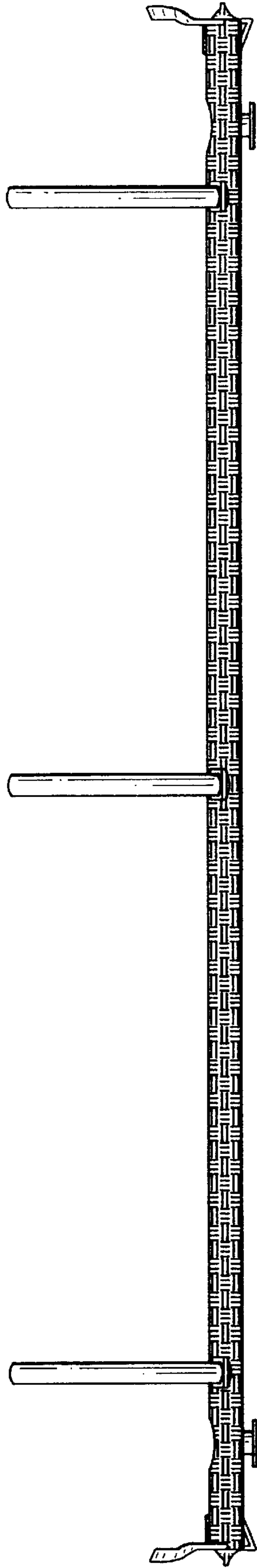
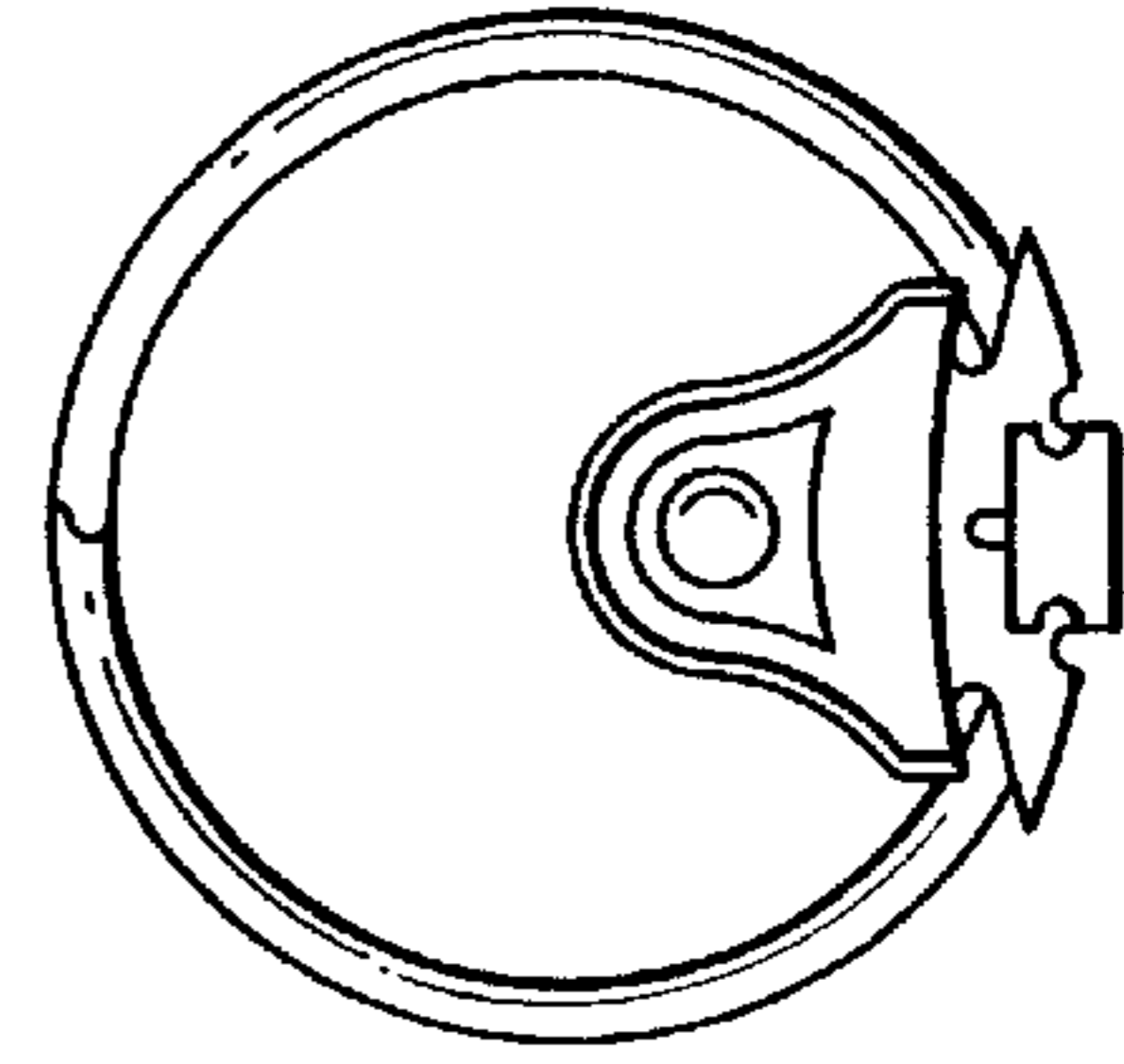


FIG. 5



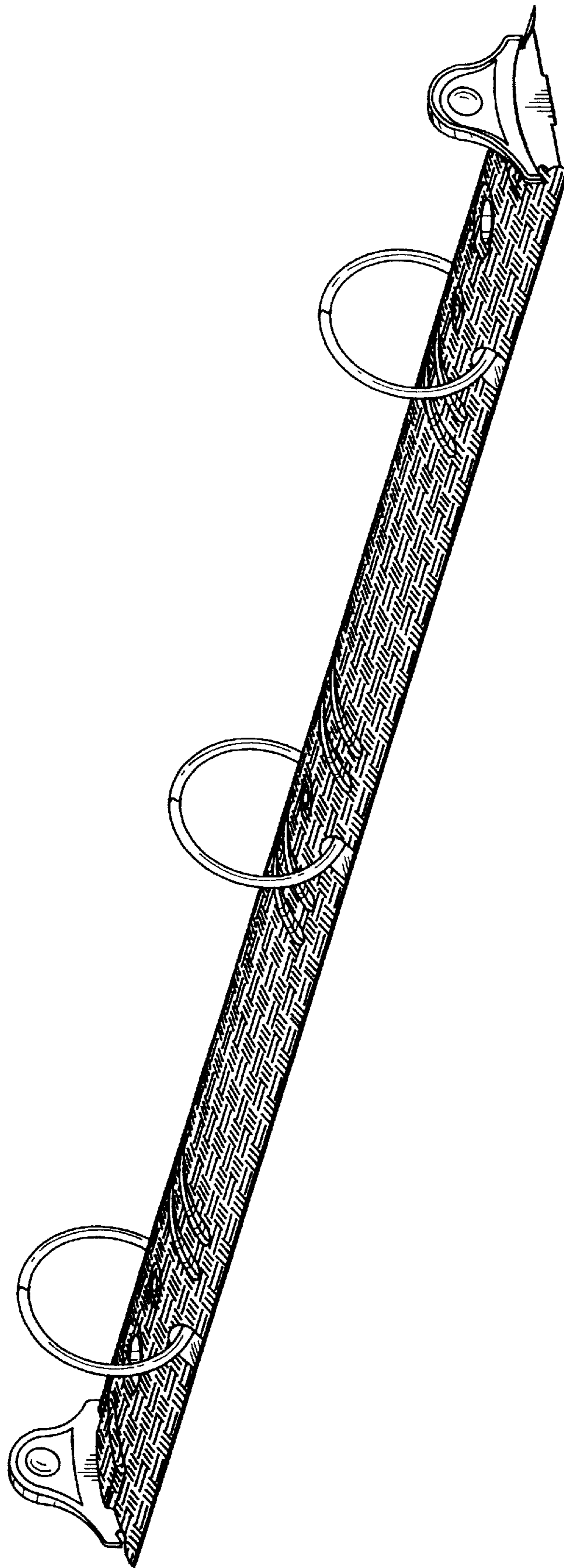


FIG. 6

FIG. 7

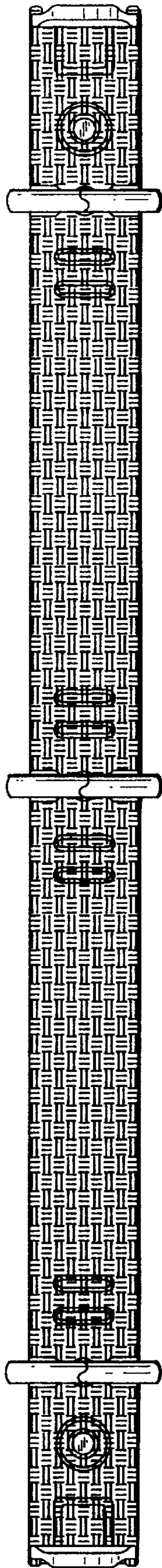


FIG. 8

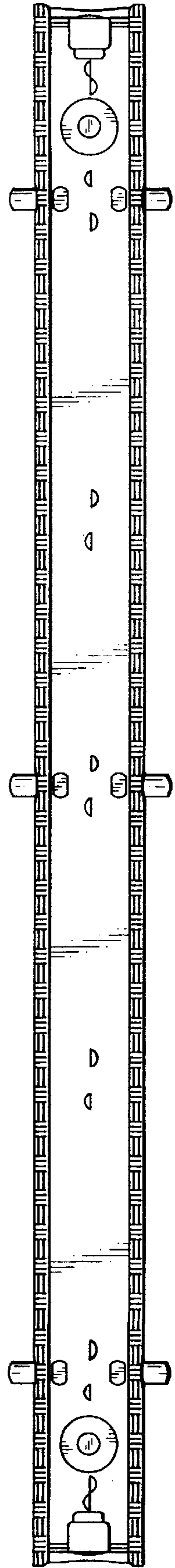


FIG. 9

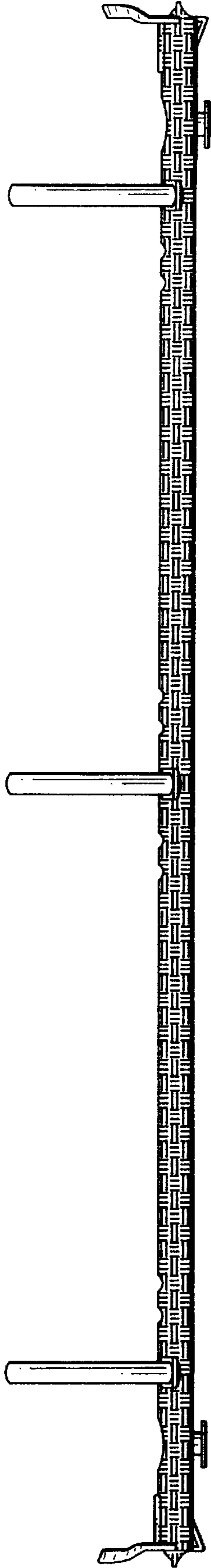
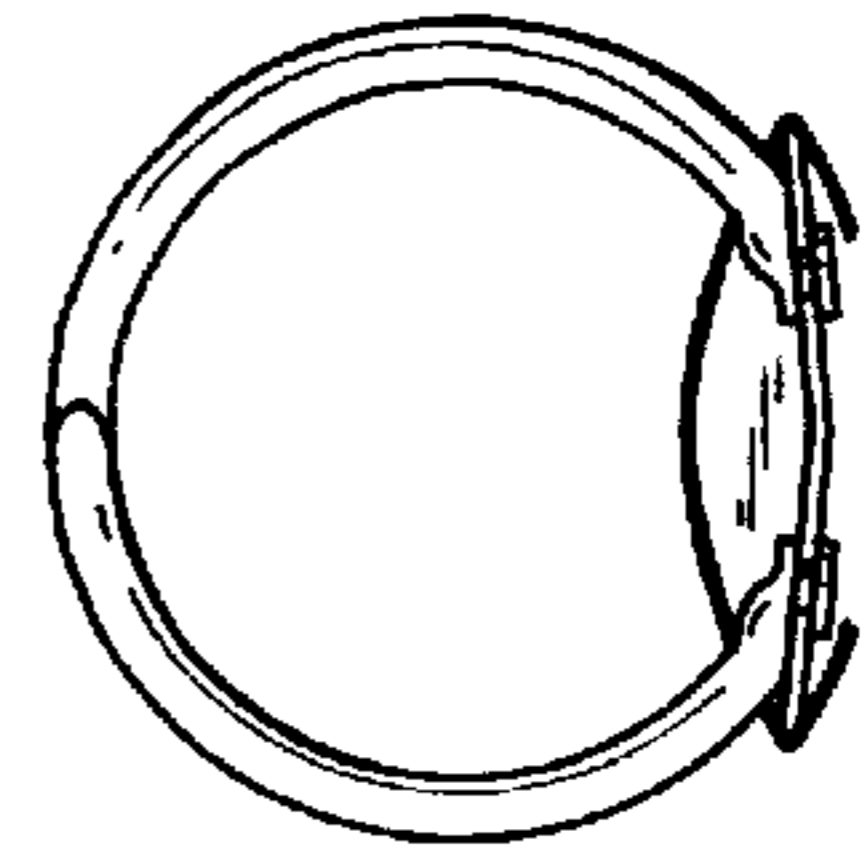


FIG. 10



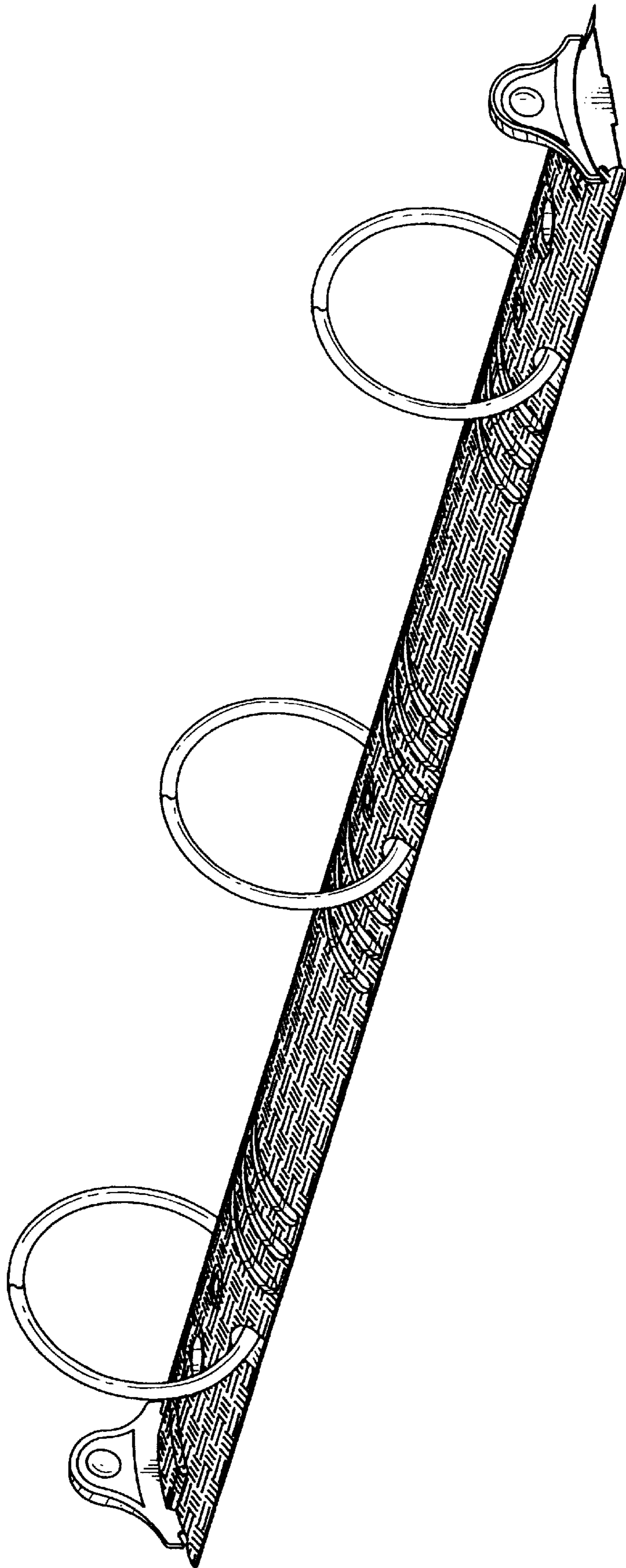


FIG. 11

FIG. 12

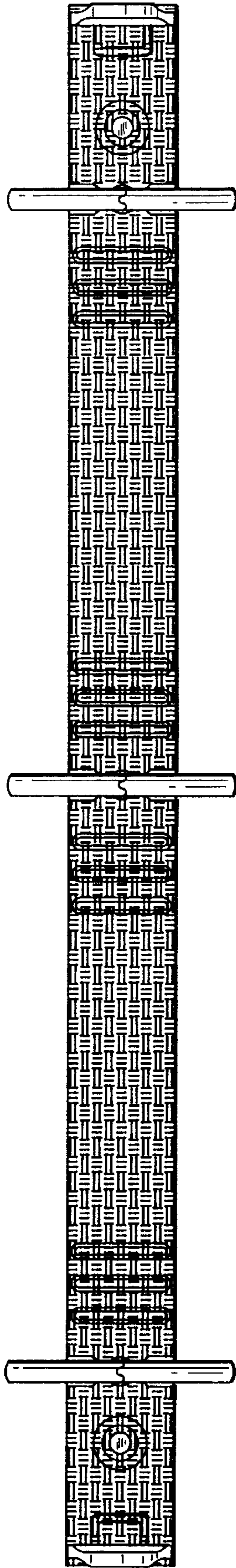


FIG. 13

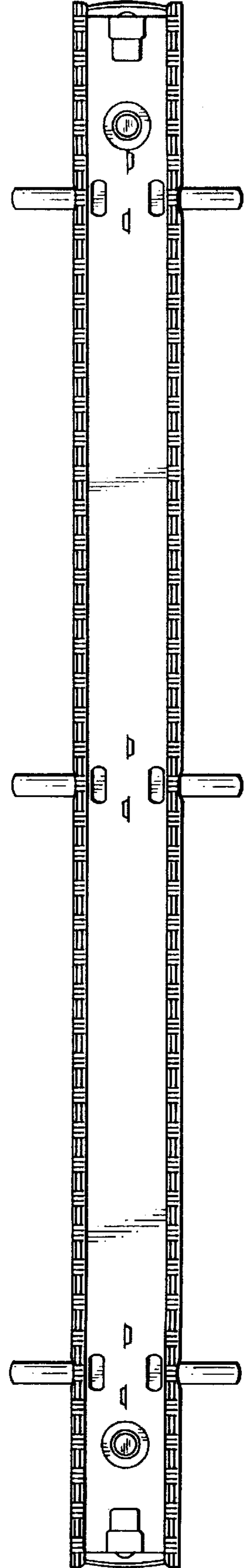


FIG. 14

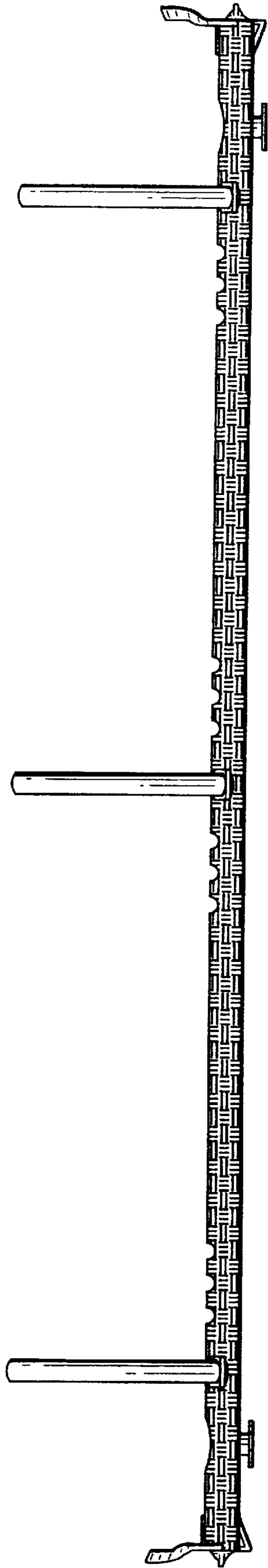


FIG. 15

