



US00D423045S

United States Patent [19] Ko

[11] **Patent Number: Des. 423,045**

[45] **Date of Patent: ** Apr. 18, 2000**

[54] **METAL RING BINDER**

Attorney, Agent, or Firm—Shoemaker and Mattare, Ltd.

[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 Stationery Manufacturing Co., Ltd.**, Kowloon, The Hong Kong Special Administrative Region of the People's Republic of China

DESCRIPTION

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

FIG. 1 is a perspective view, from above and to one side 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 side elevation thereof, the view from the opposite side being identical; and

[21] Appl. No.: **29/099,680**

FIG. 5 is an end view thereof, the view from the opposite end being identical.

[22] Filed: **Jan. 26, 1999**

[51] **LOC (6) Cl.** **19-04**

FIG. 6 is a perspective view, from above and to one side of a metal ring binder, showing a first variation of my design;

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

FIG. 7 is a top plan view thereof;

[58] **Field of Search** D19/96, 27, 32;
281/27.1, 27.2, 27.3, 45, 51; 402/26, 31,
41, 60, 70, 80 R

FIG. 8 is a bottom plan view thereof;

FIG. 9 is a side elevation thereof, the view from the opposite side being identical; and

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 389,182	1/1998	Law	.....	D19/32
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
5,807,006	9/1998	Cheung	.....	402/38
5,842,807	12/1998	To	.....	402/36

FIG. 10 is an end view thereof, the view from the opposite end being identical.

FIG. 11 is a perspective view, from above and to one side, showing a second variation of my design;

FIG. 12 is a top plan view thereof;

FIG. 13 is a bottom plan view thereof;

FIG. 14 is a side elevation thereof, the view from the opposite side being identical; and,

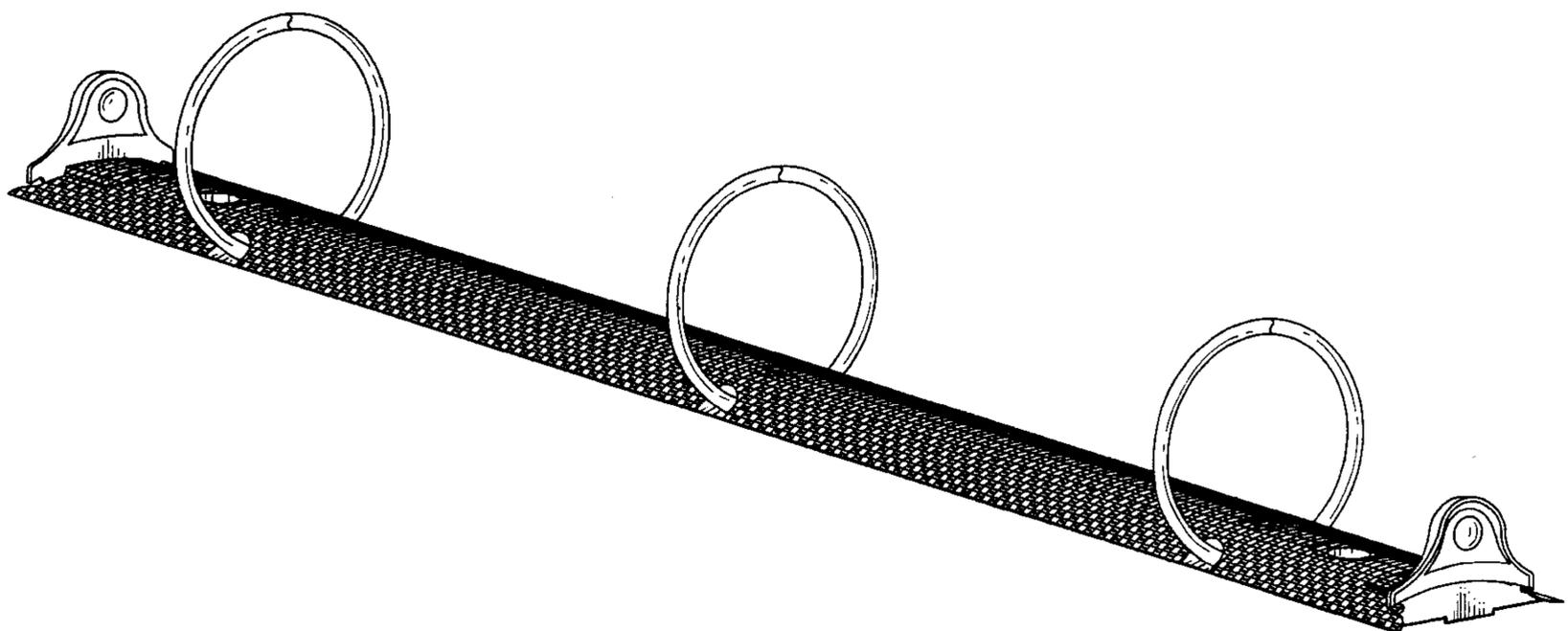
FIG. 15 is an end view thereof, the view from the opposite end being identical.

OTHER PUBLICATIONS

Hornung—Background Patterns, Textures and Tints—1976—(no page #s)—.

Primary Examiner—Nelson C. Holtje

1 Claim, 9 Drawing Sheets



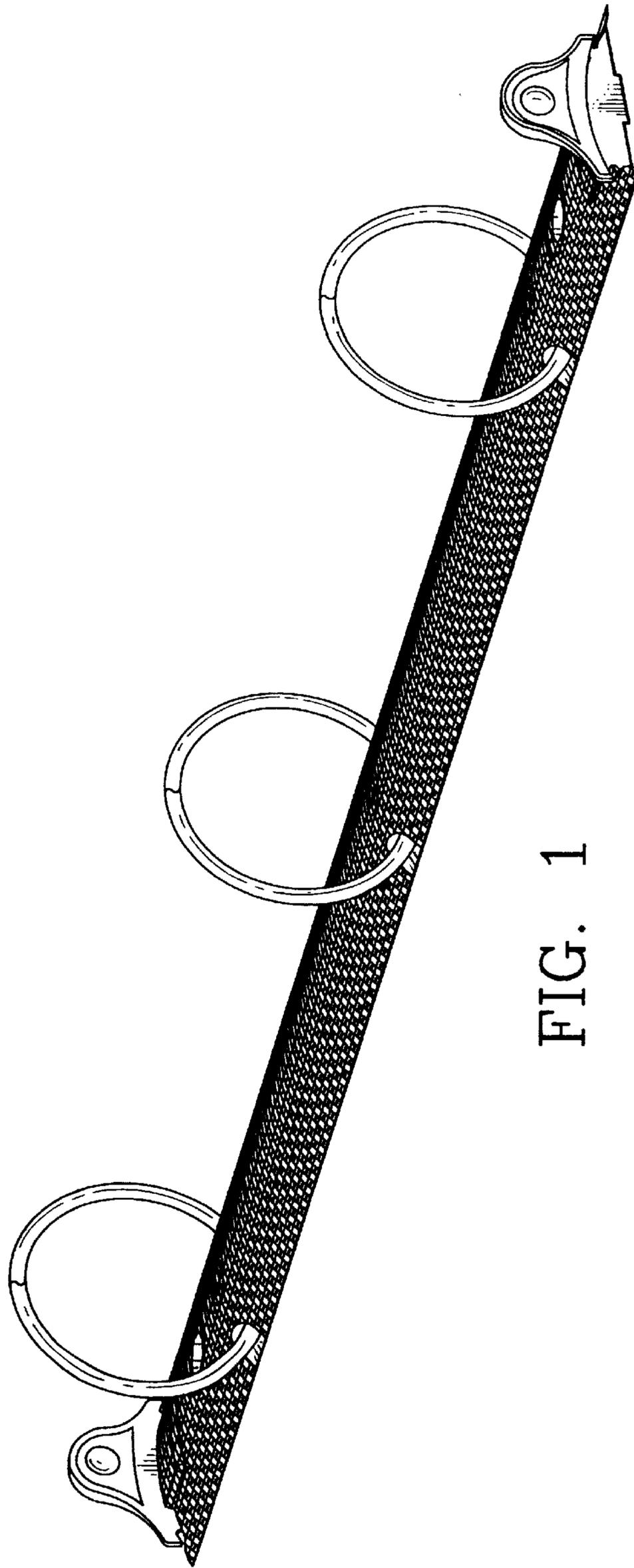


FIG. 1

FIG. 2

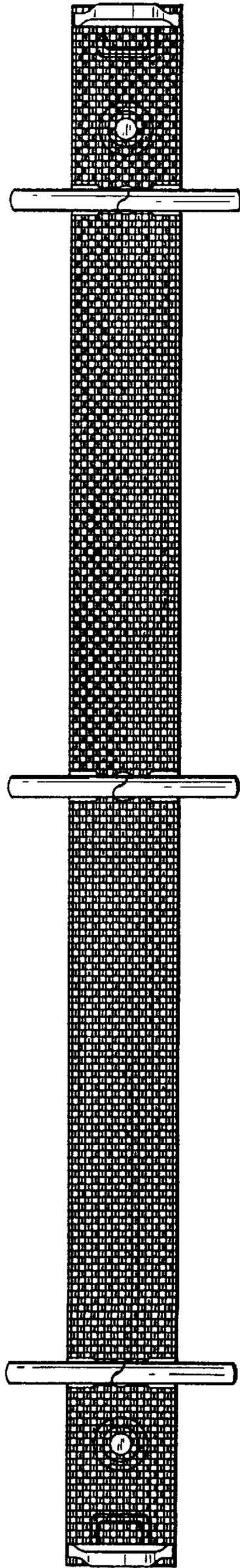


FIG. 3

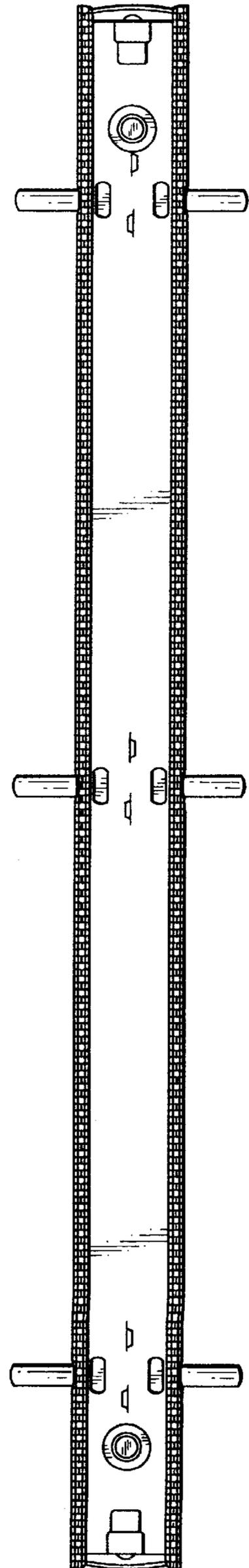


FIG. 4

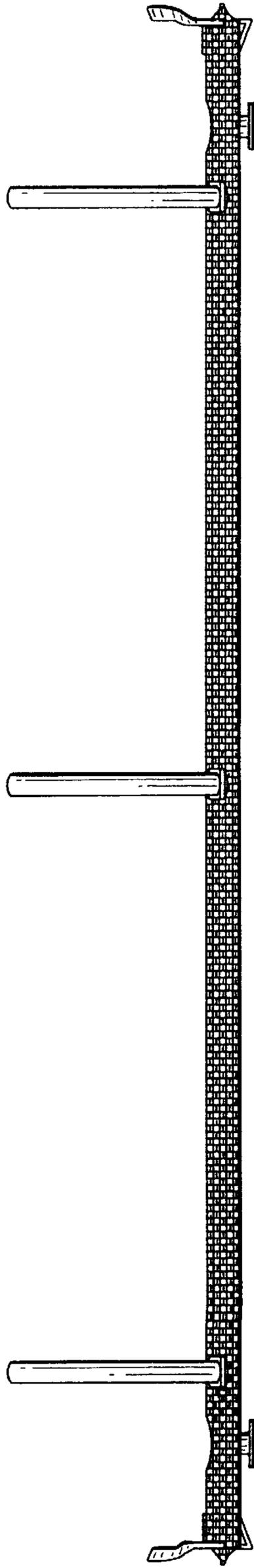
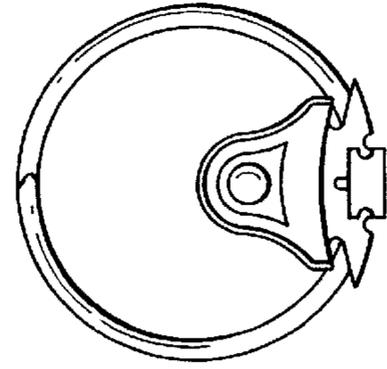


FIG. 5



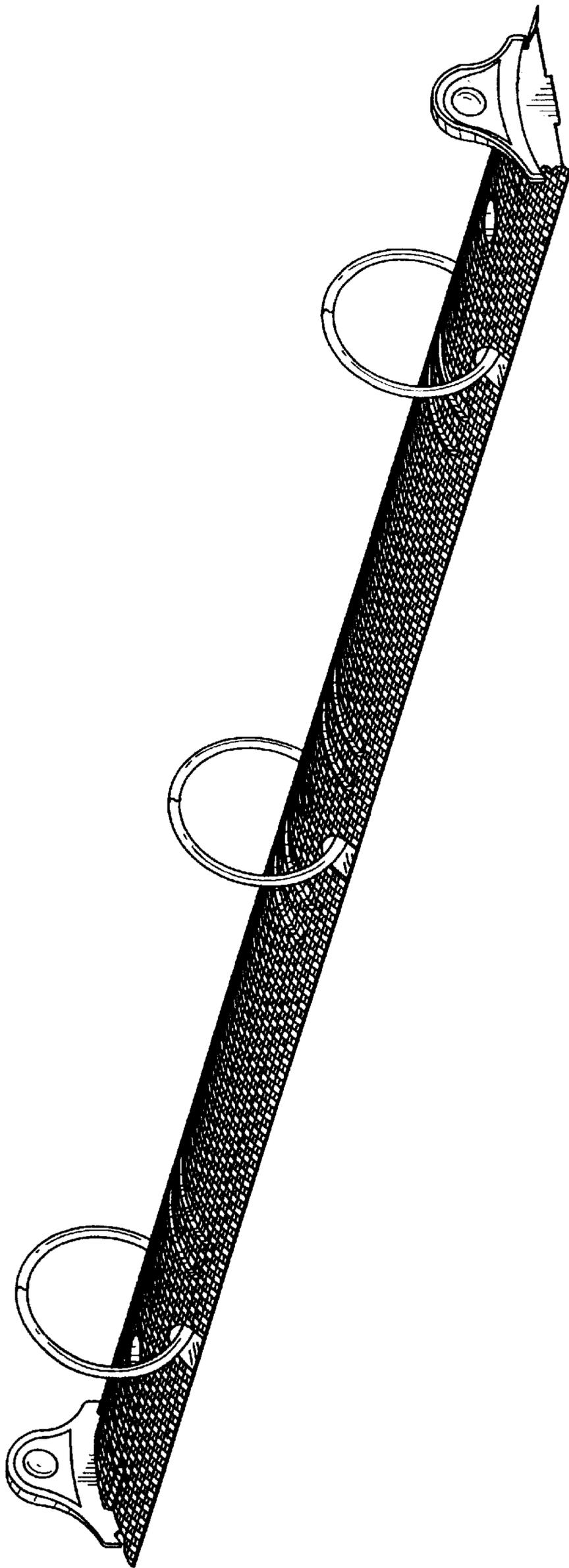


FIG. 6

FIG. 7

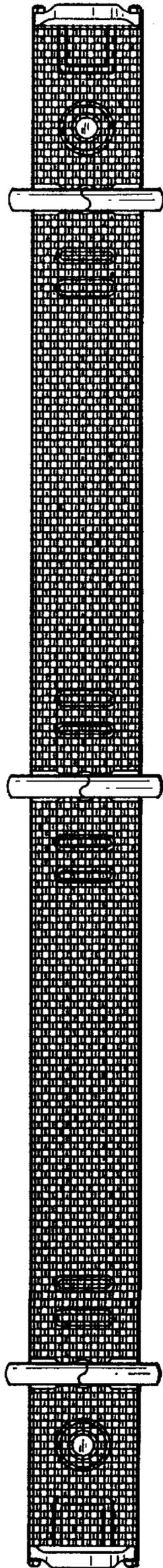


FIG. 8

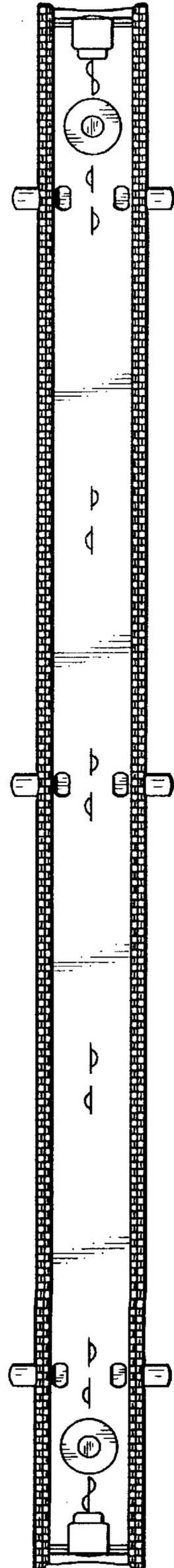


FIG. 9

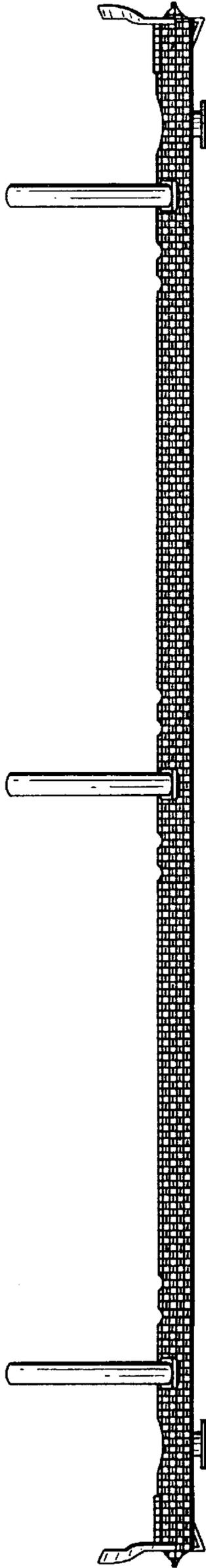
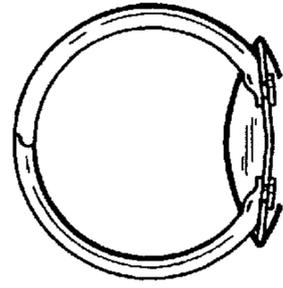


FIG. 10



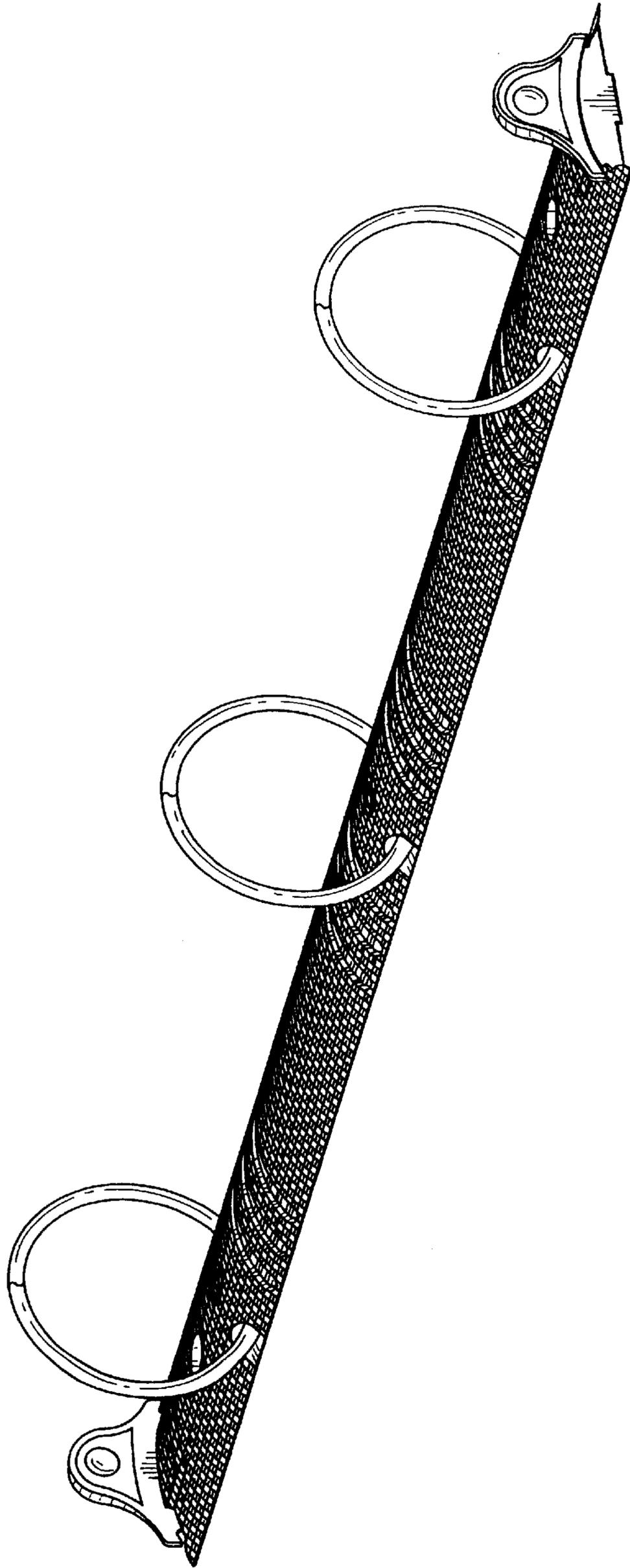


FIG. 11

FIG. 12

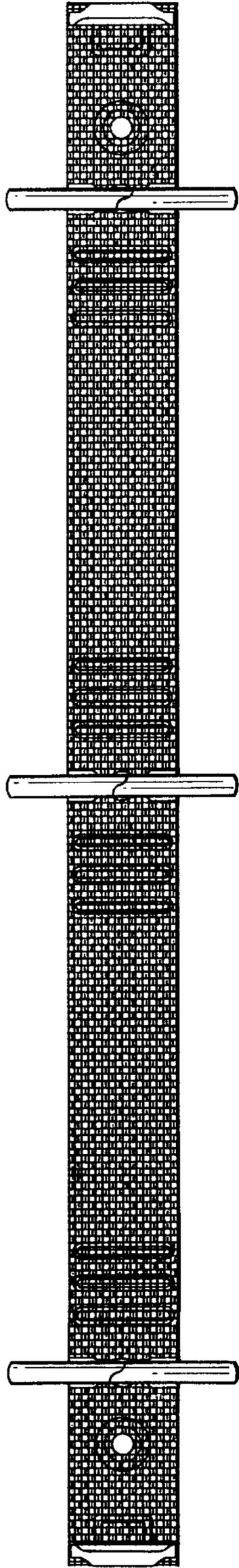


FIG. 13

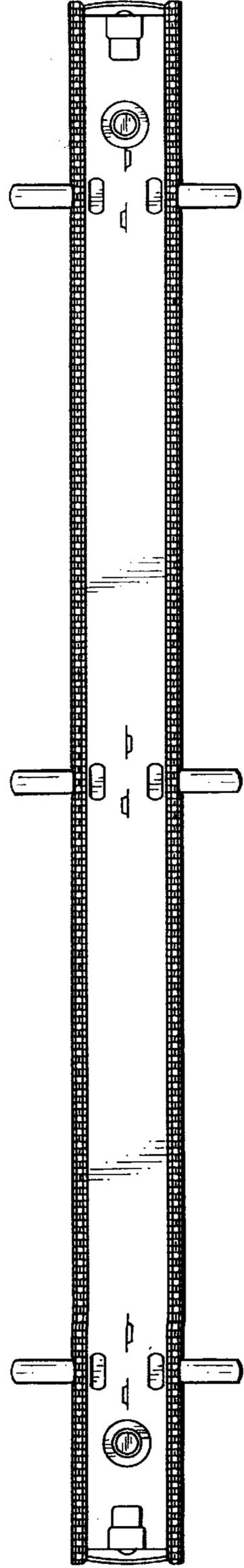


FIG. 14

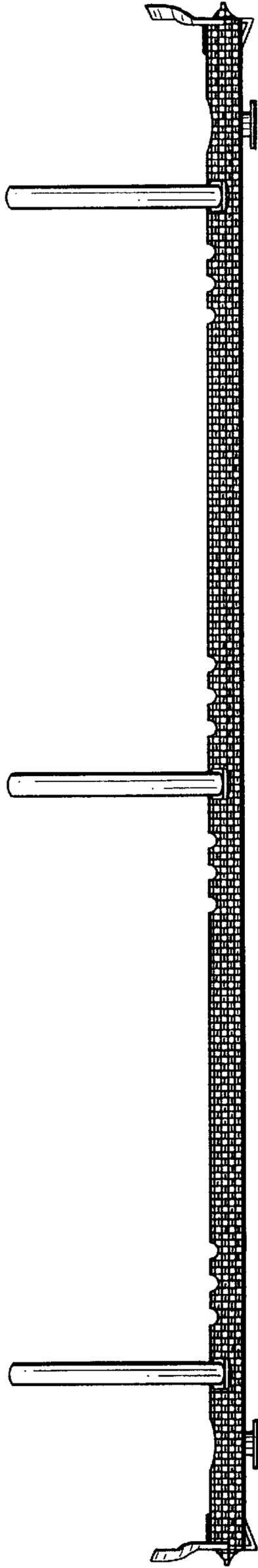


FIG. 15

