



US00D420700S

**United States Patent** [19]  
**Ko**

[11] **Patent Number: Des. 420,700**

[45] **Date of Patent: \*\* Feb. 15, 2000**

[54] **METAL RING BINDER WITH AN EMBOSSED SURFACE**

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

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

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

[21] Appl. No.: **29/096,333**

[22] Filed: **Nov. 10, 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, 60, 70, 80 R

[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

**OTHER PUBLICATIONS**

Letraset Reference Manual—1981, 1983—p.260—pattern #s 10 and 18.

Letraset Reference Manual—1981, 1983—p.256—patern #LT397 and LT936.

*Primary Examiner*—Nelson C. Holtje  
*Attorney, Agent, or Firm*—Shoemaker and Mattare, Ltd

[57] **CLAIM**

The ornamental design for a metal ring binder with an embossed surface, as shown and described.

**DESCRIPTION**

FIG. 1 is an isometric view of a metal ring binder, showing my new design from above and to one side;

FIG. 2 is an enlarged fragmentary view of the embossed surface as taken from II of FIG. 1;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a right side view thereof, the left side view being identical; and

FIG. 6 is an end view thereof, both ends being identical.

FIG. 7 is an isometric view of a narrow-width metal ring binder, from above and to one side;

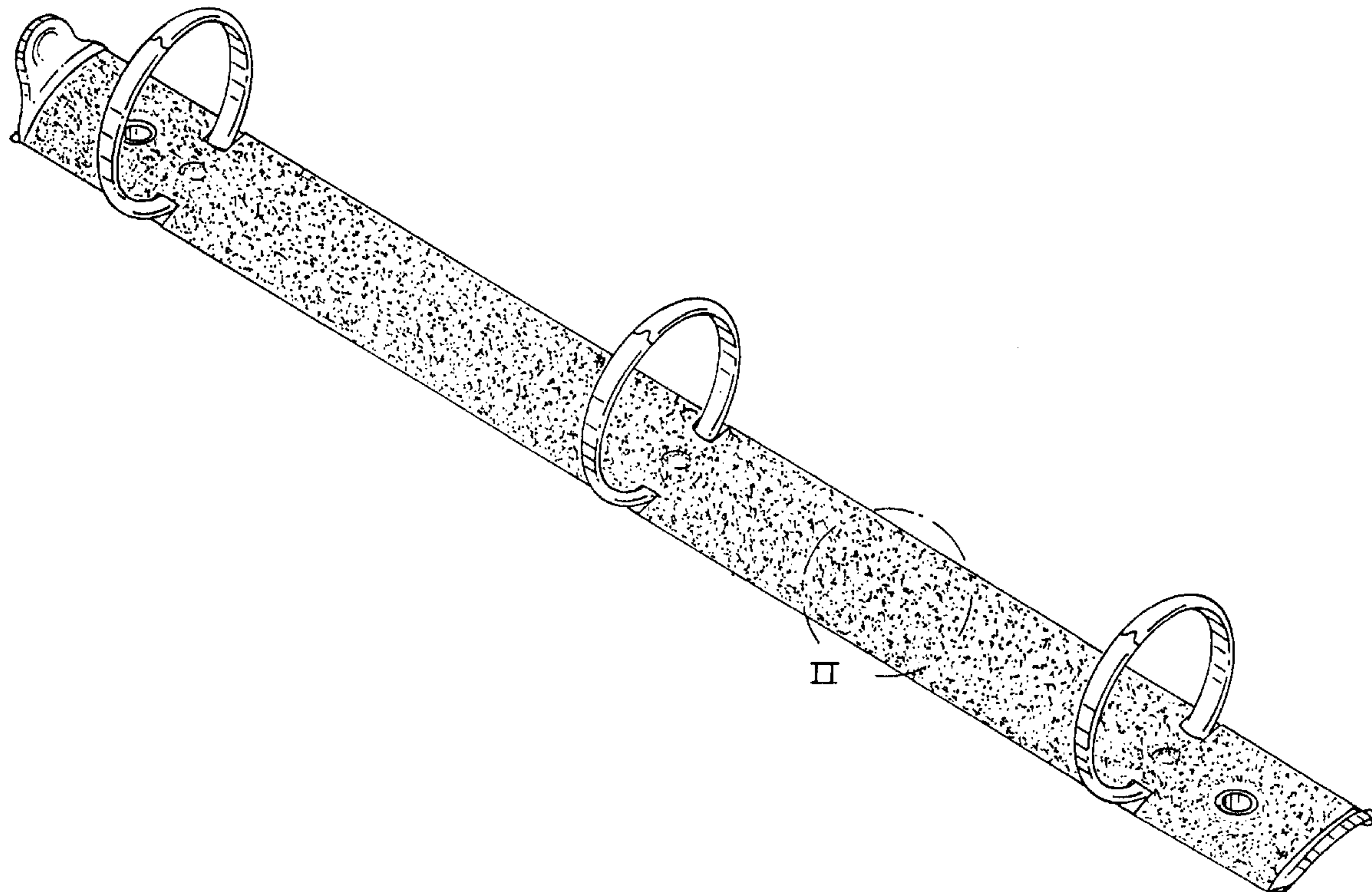
FIG. 8 is an enlarged fragmentary view of the embossed surface as taken from VIII of FIG. 7;

FIG. 9 is a top plan view thereof;

FIG. 10 is a bottom plan view thereof; and,

FIG. 11 is an end view thereof; both ends being identical.

**1 Claim, 5 Drawing Sheets**



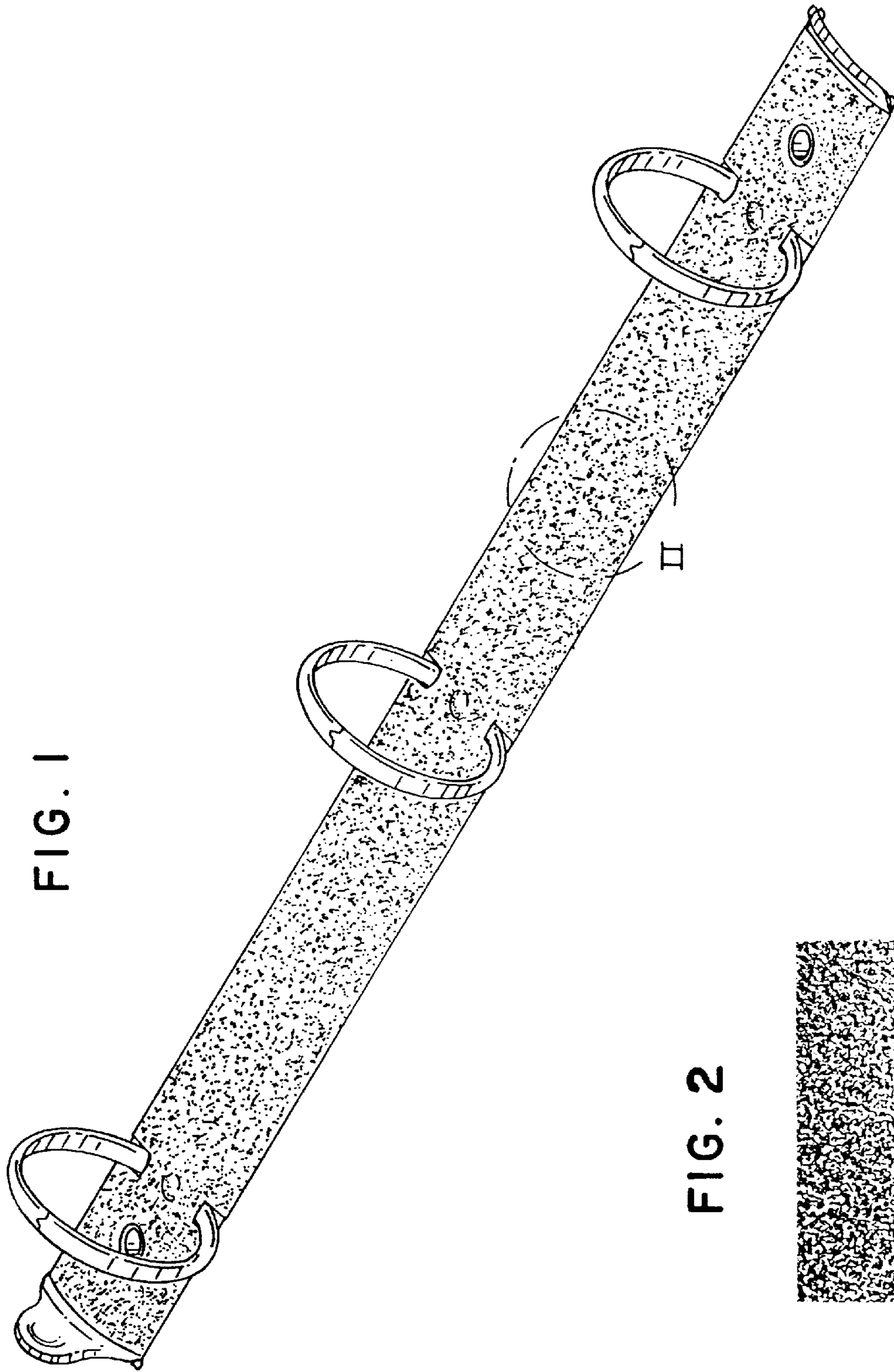


FIG. 1

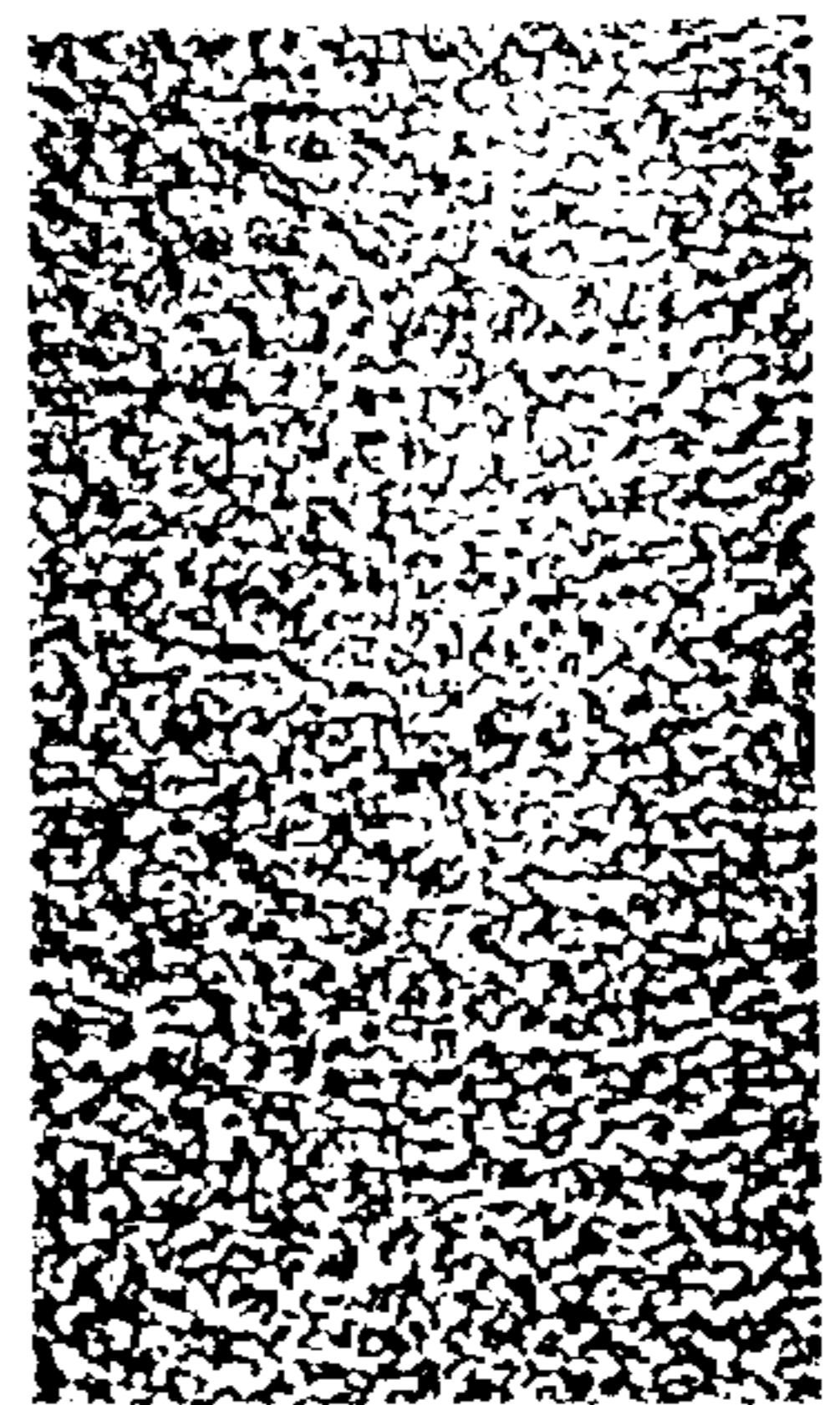


FIG. 2

FIG. 3

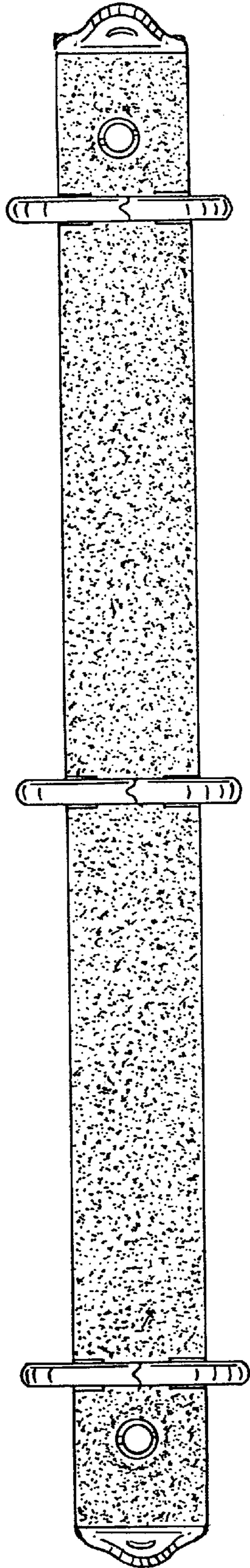


FIG. 4

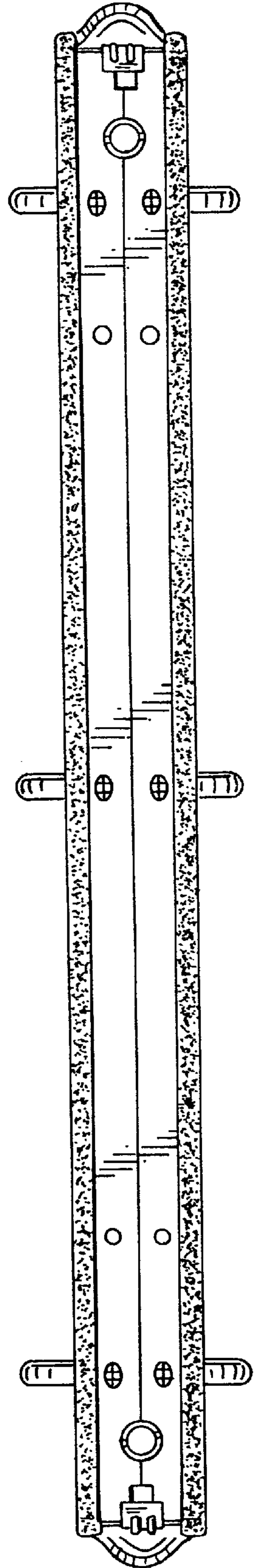


FIG. 5

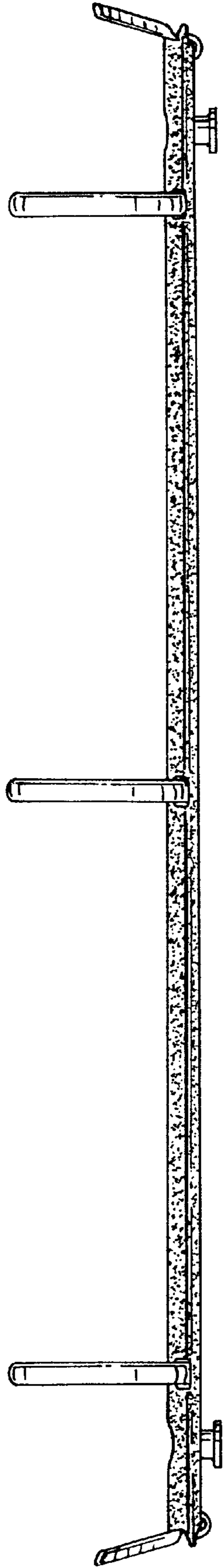


FIG. II

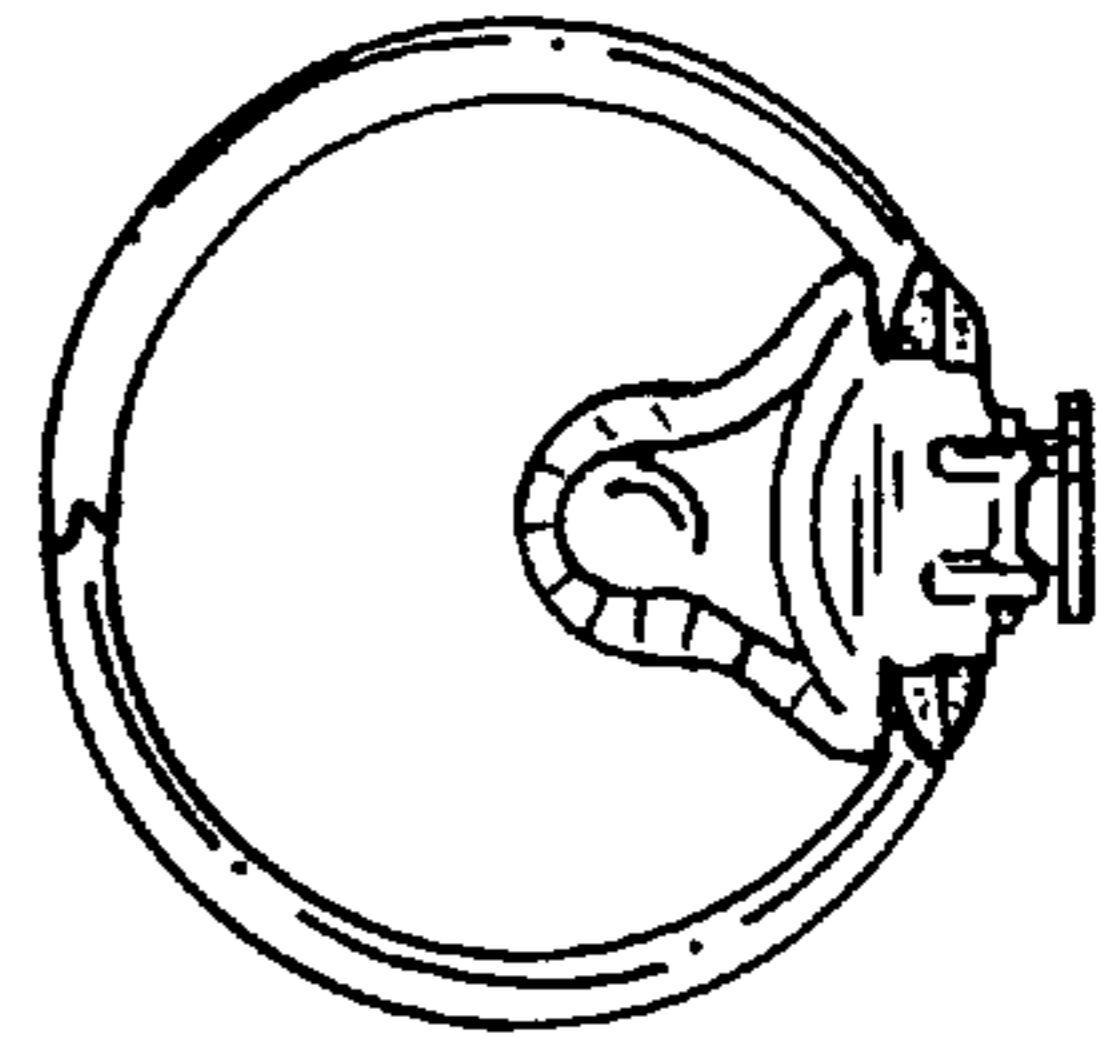
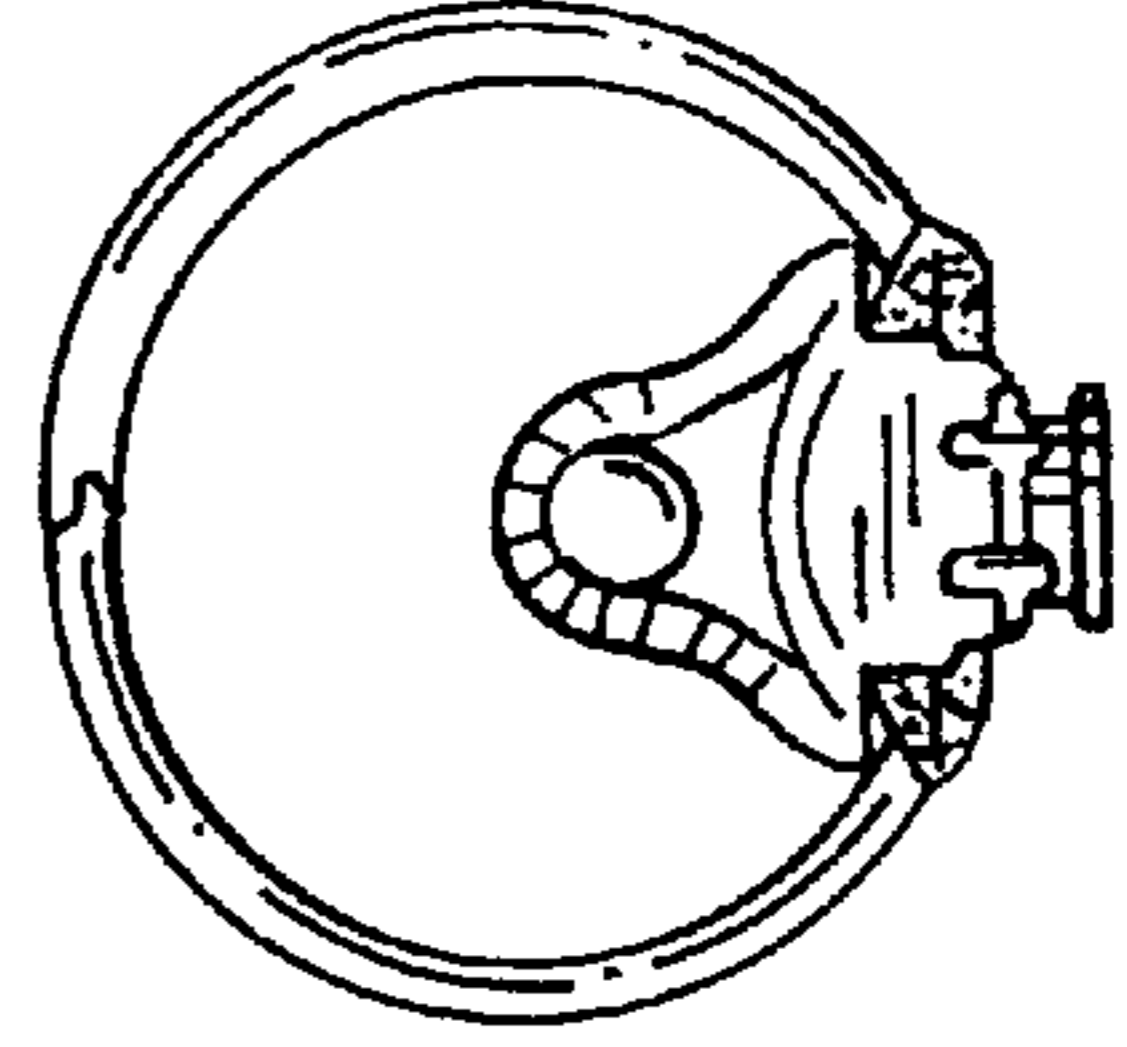


FIG. 6



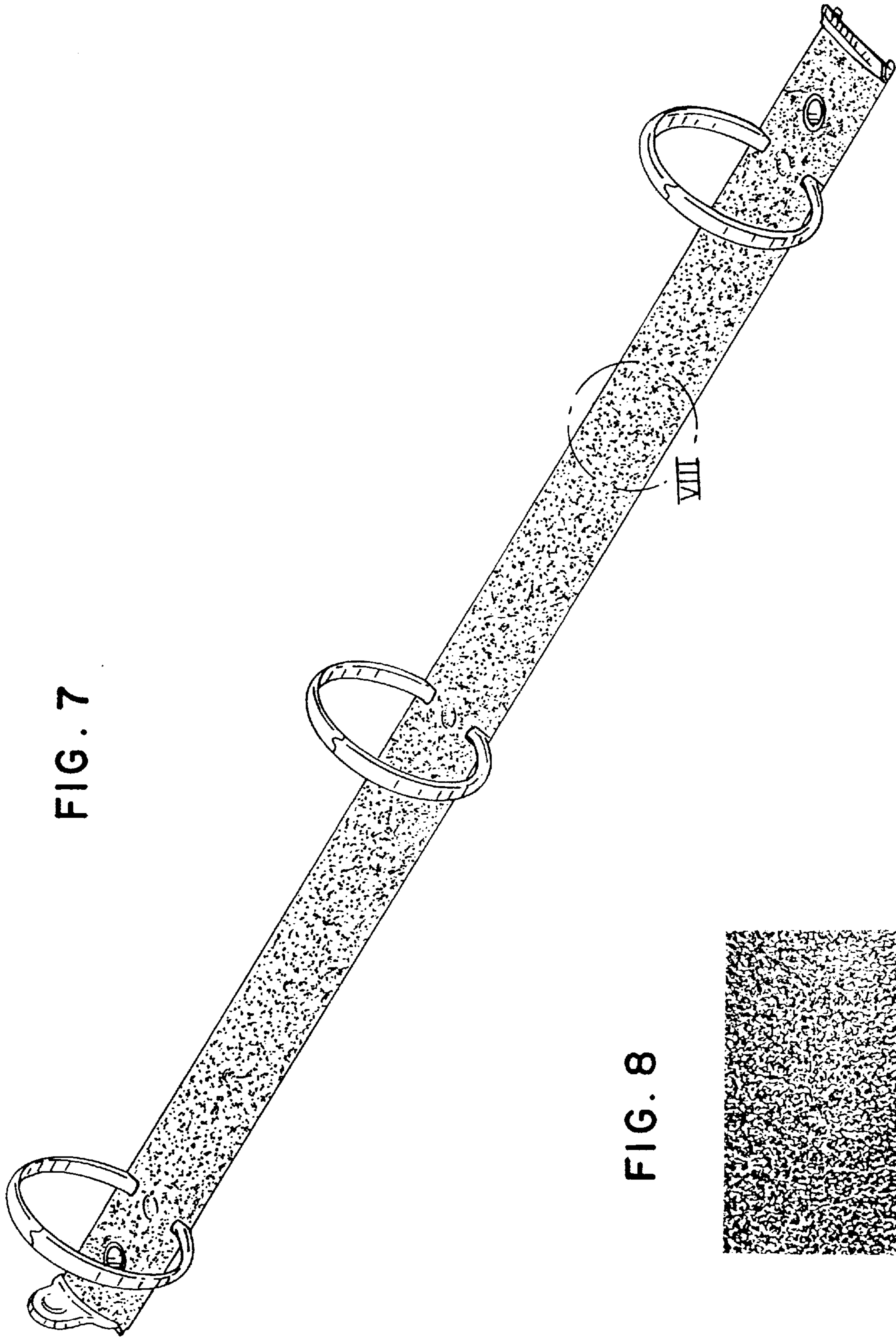


FIG. 7

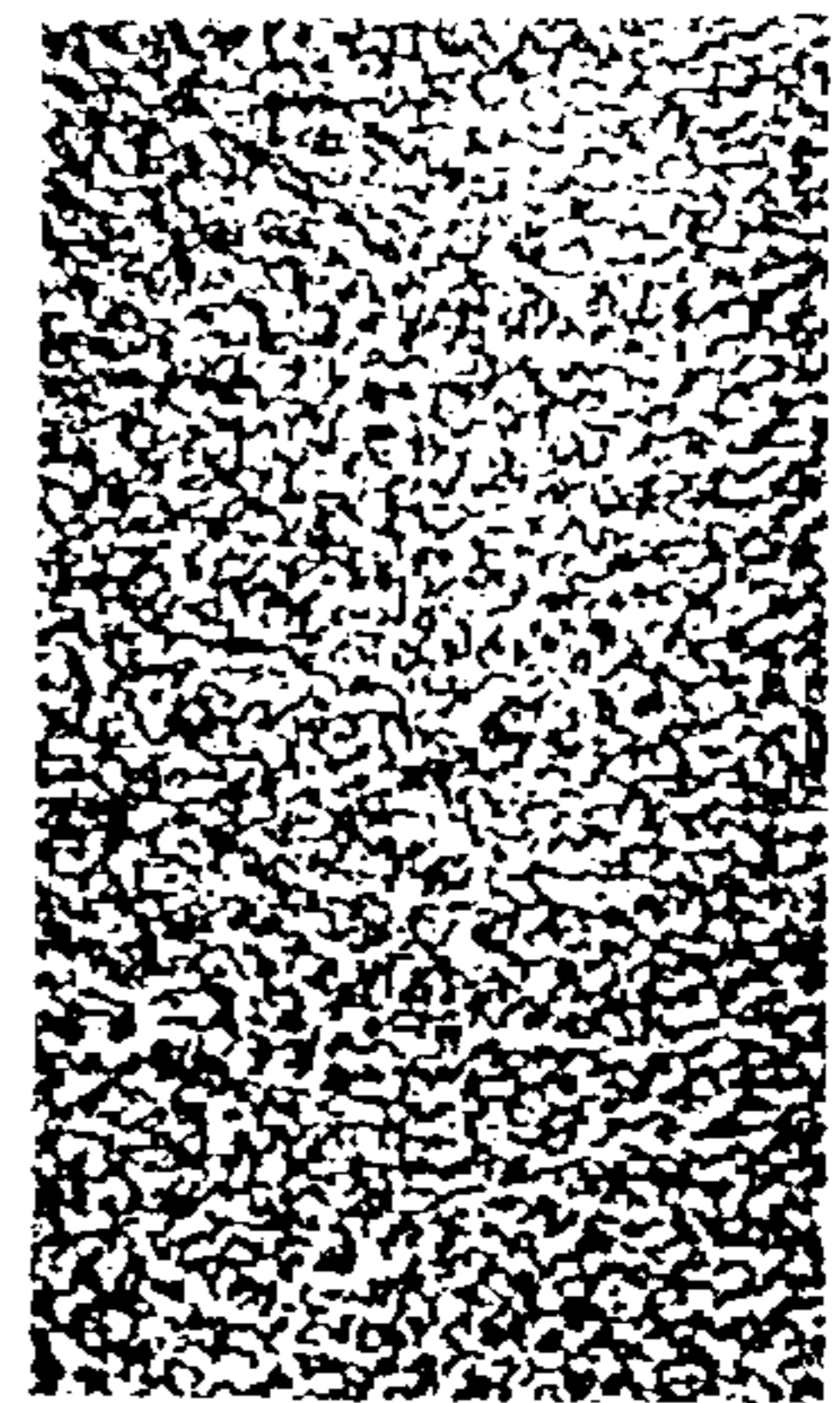


FIG. 8

FIG. 9

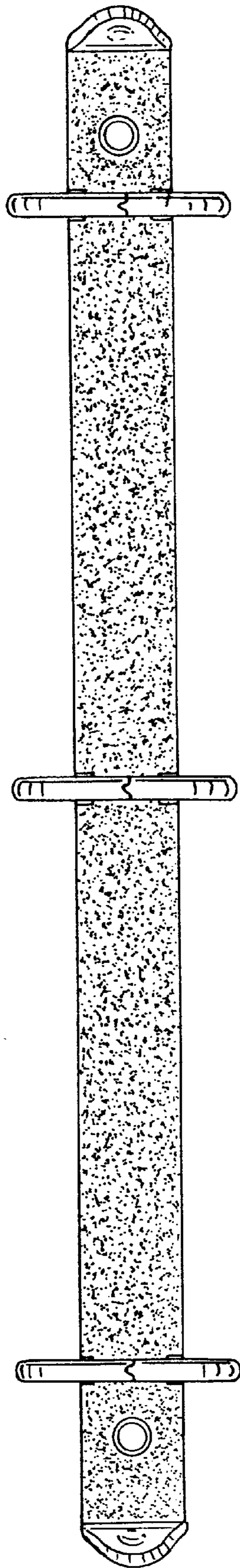


FIG. 10

