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United States Patent [19]

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Kotaki

[45] Date of Patent: **** Jan. 4, 1994**

[54] **TAPE GUIDE ROLLER**

4,452,408 6/1984 Sasaki 242/197 X
4,685,638 8/1987 Satoyoshi et al. D14/121 X

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[73] Assignee: **Sony Corporation, Tokyo, Japan**

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

[21] Appl. No.: **939,765**

[57] **CLAIM**

[22] Filed: **Dec. 9, 1986**

The ornamental design for a tape guide roller, as shown and described.

[30] **Foreign Application Priority Data**

DESCRIPTION

Jun. 24, 1986 [JP] Japan 61-24392

[52] U.S. Cl. **D14/121; D14/299**

[58] **Field of Search** 242/197, 76, 75.1;
206/387, 389; 226/190, 191, 192; 271/264, 314;
193/37, 35.R, 35.F; 198/314, 780; D14/120,
121, 122, 299

FIG. 1 is a perspective view of a tape guide roller, showing my new design;

FIG. 2 is a front elevational view thereof, the rear being a mirror image;

FIG. 3 is a right-side elevational view thereof, the left-side being a mirror image;

FIG. 4 is a top plan view thereof, the bottom being a mirror image; and,

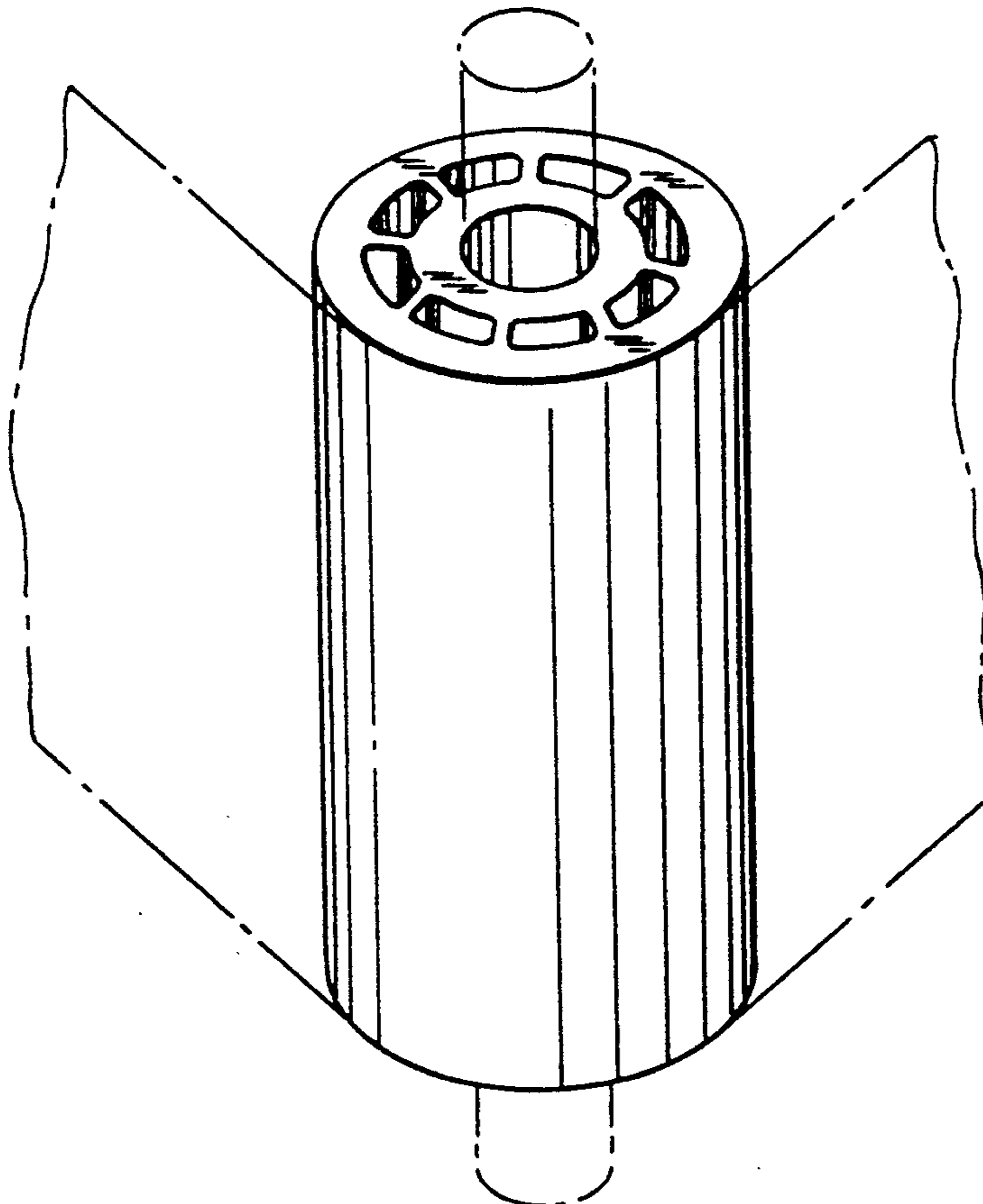
FIG. 5 is a cross-section elevational view thereof taken along line 5—5 of FIG. 4.

The broken line showing of the tape and spindle in FIG. 1 is for illustrative purposes only and forms no part of the claimed design.

[56] **References Cited**

U.S. PATENT DOCUMENTS

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3,726,376 4/1973 Gothas et al. 193/35 R
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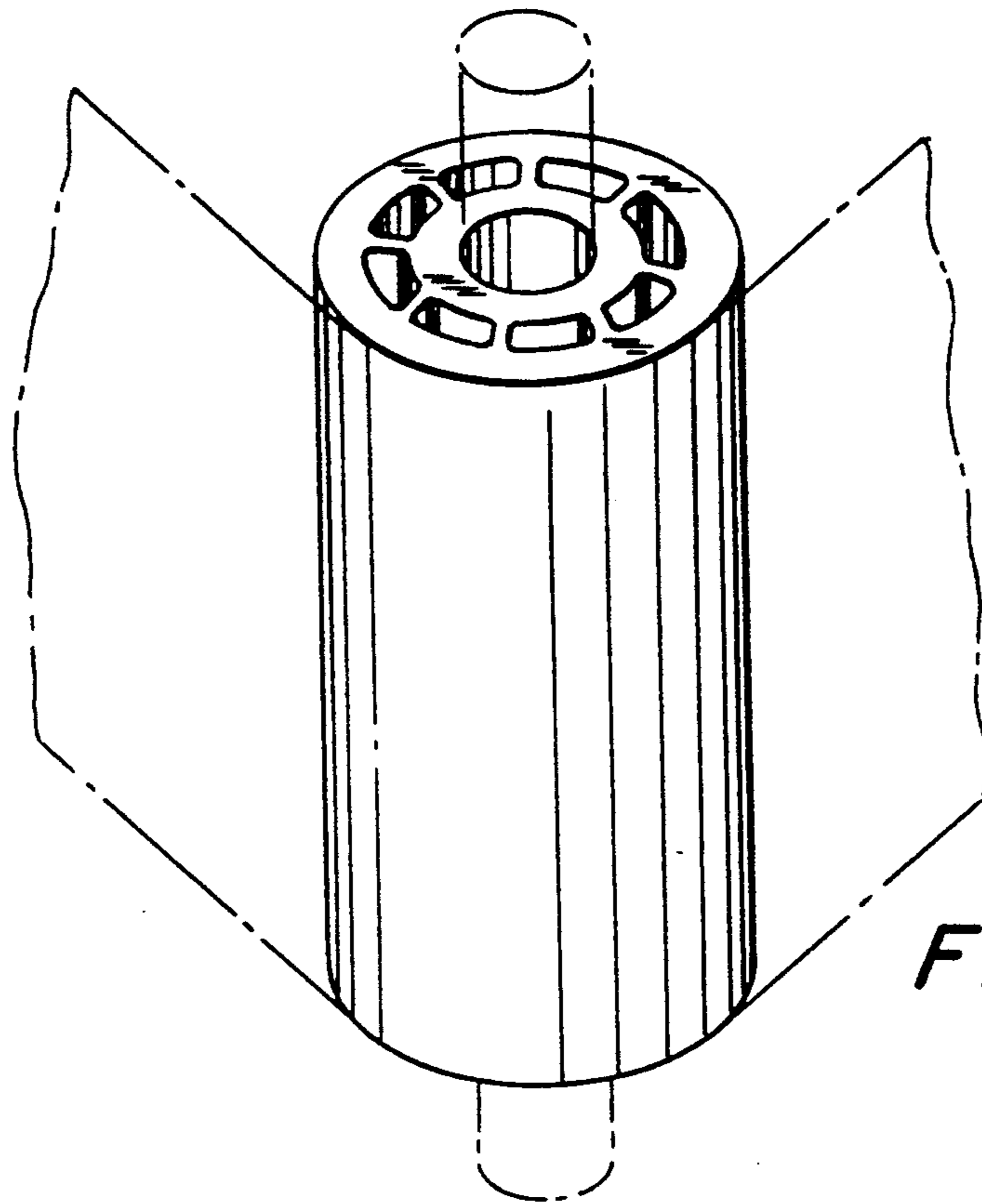


FIG. 1

FIG. 2

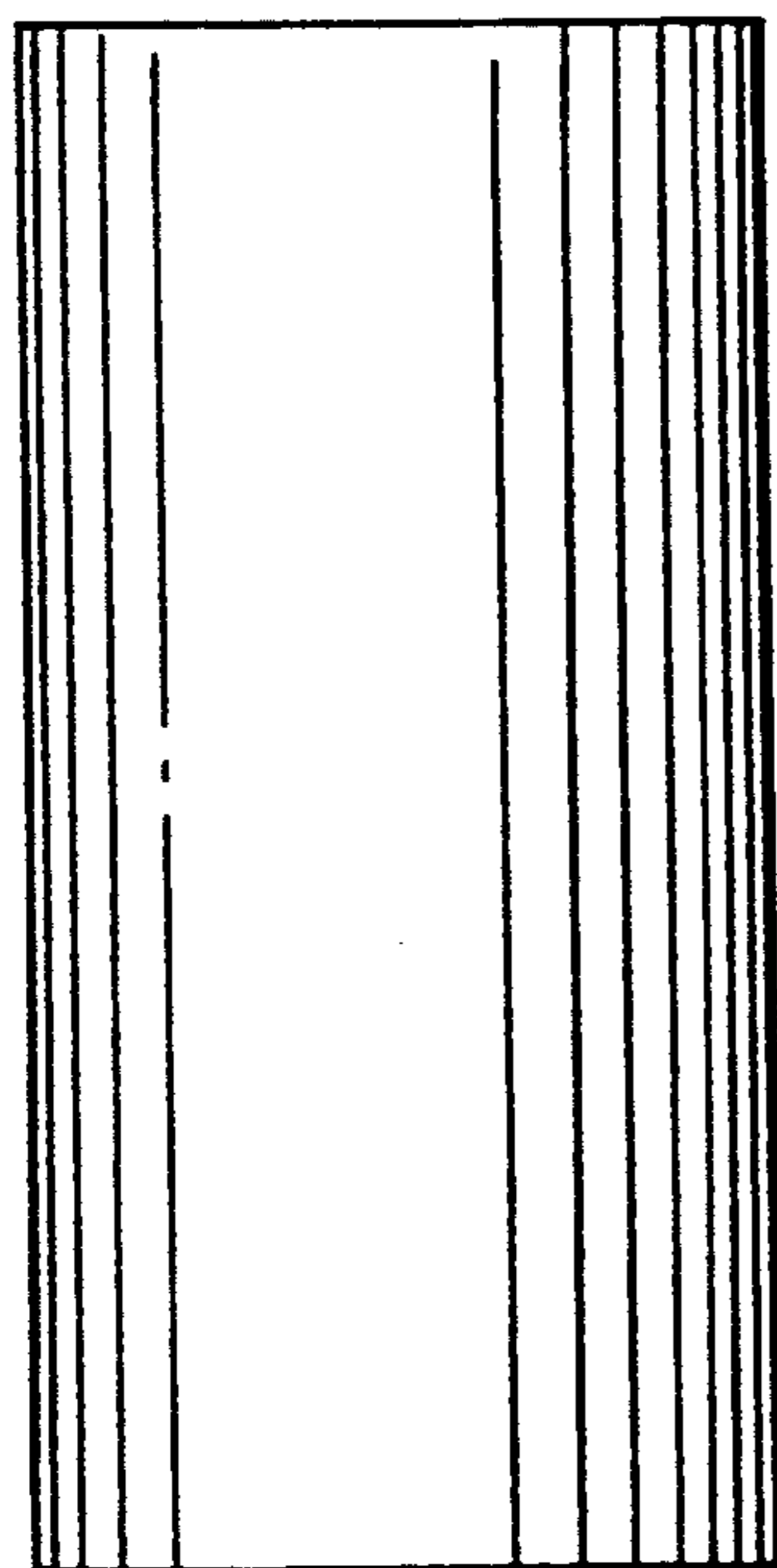
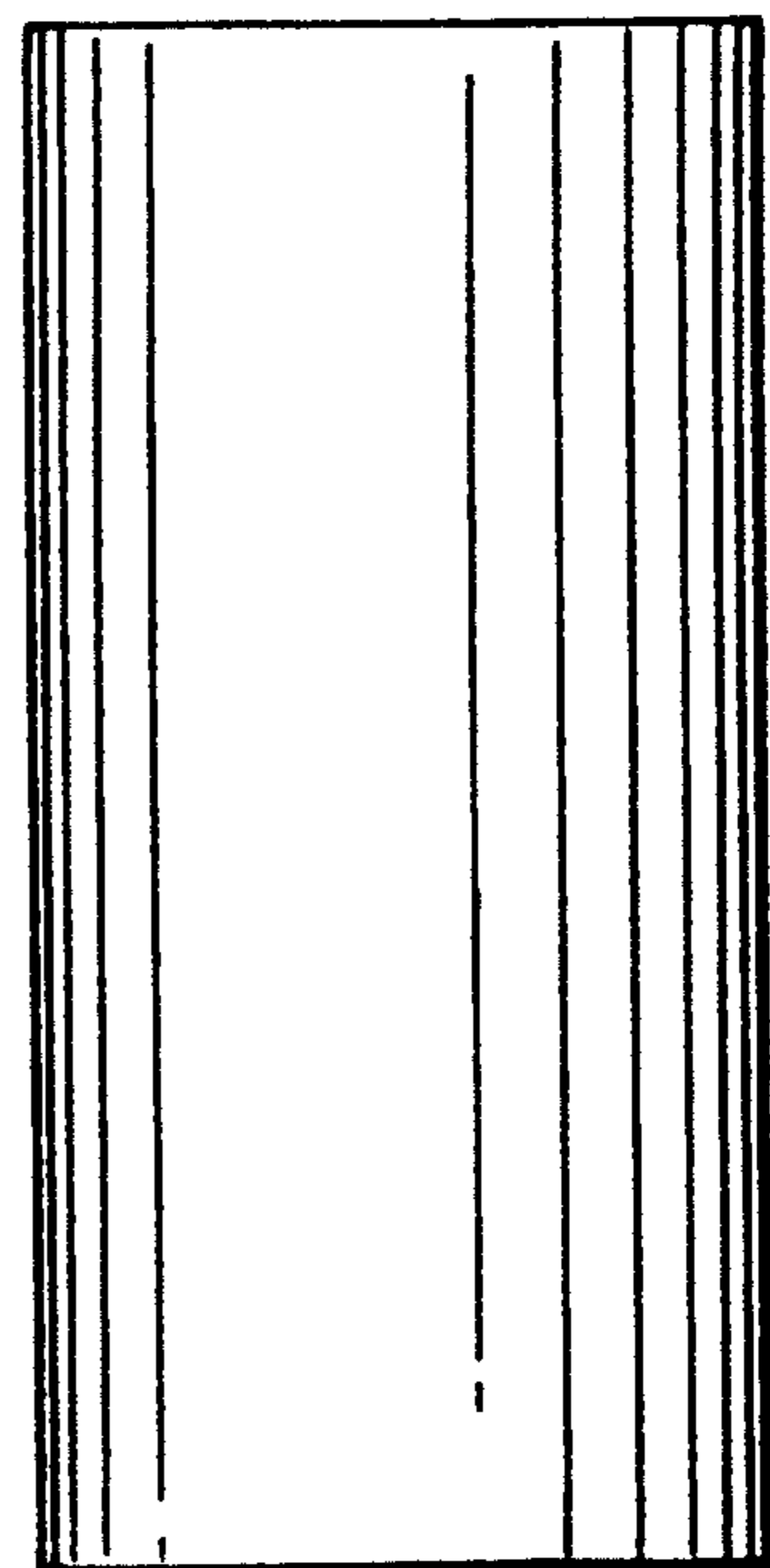


FIG. 3



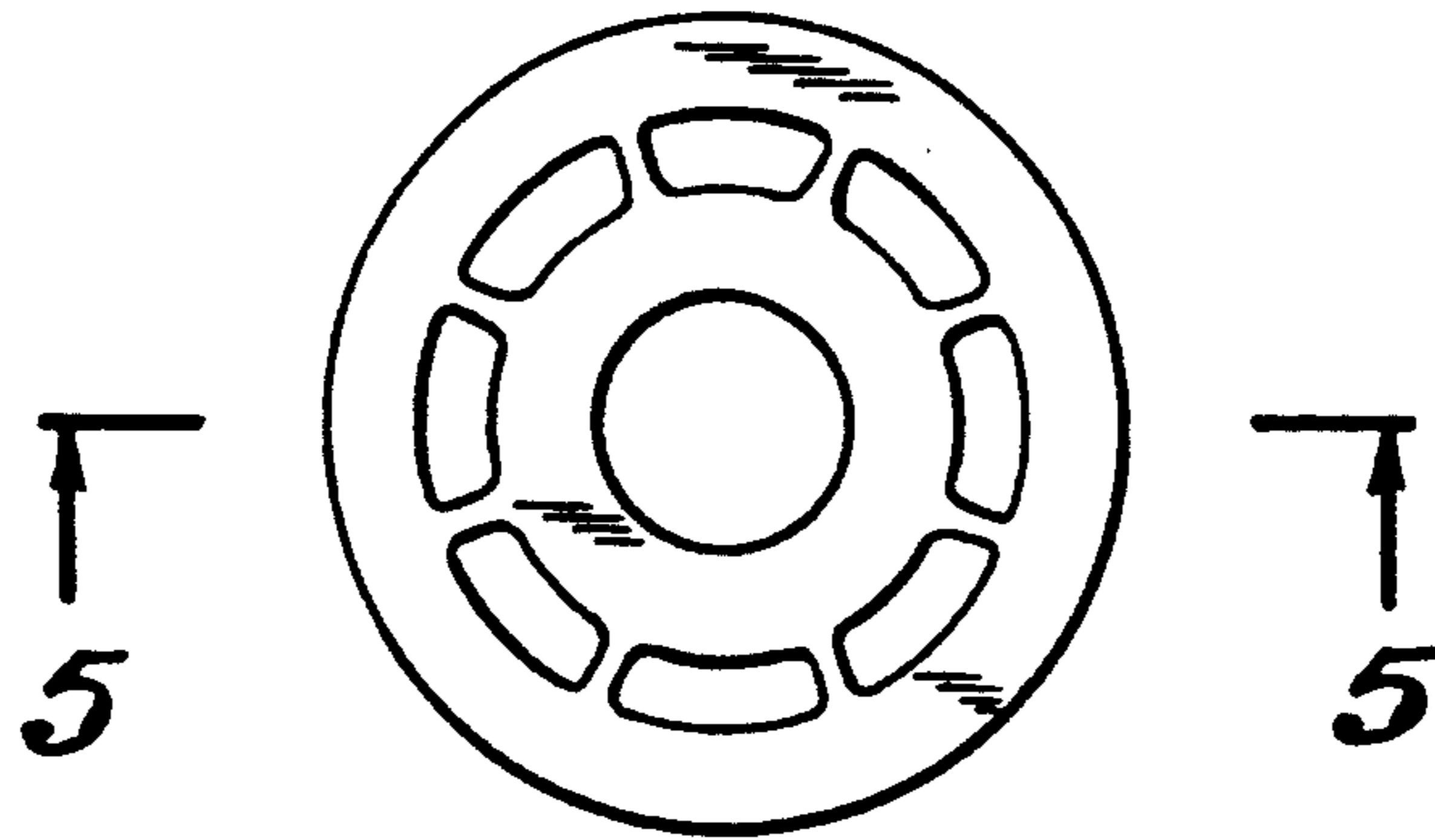


FIG. 4

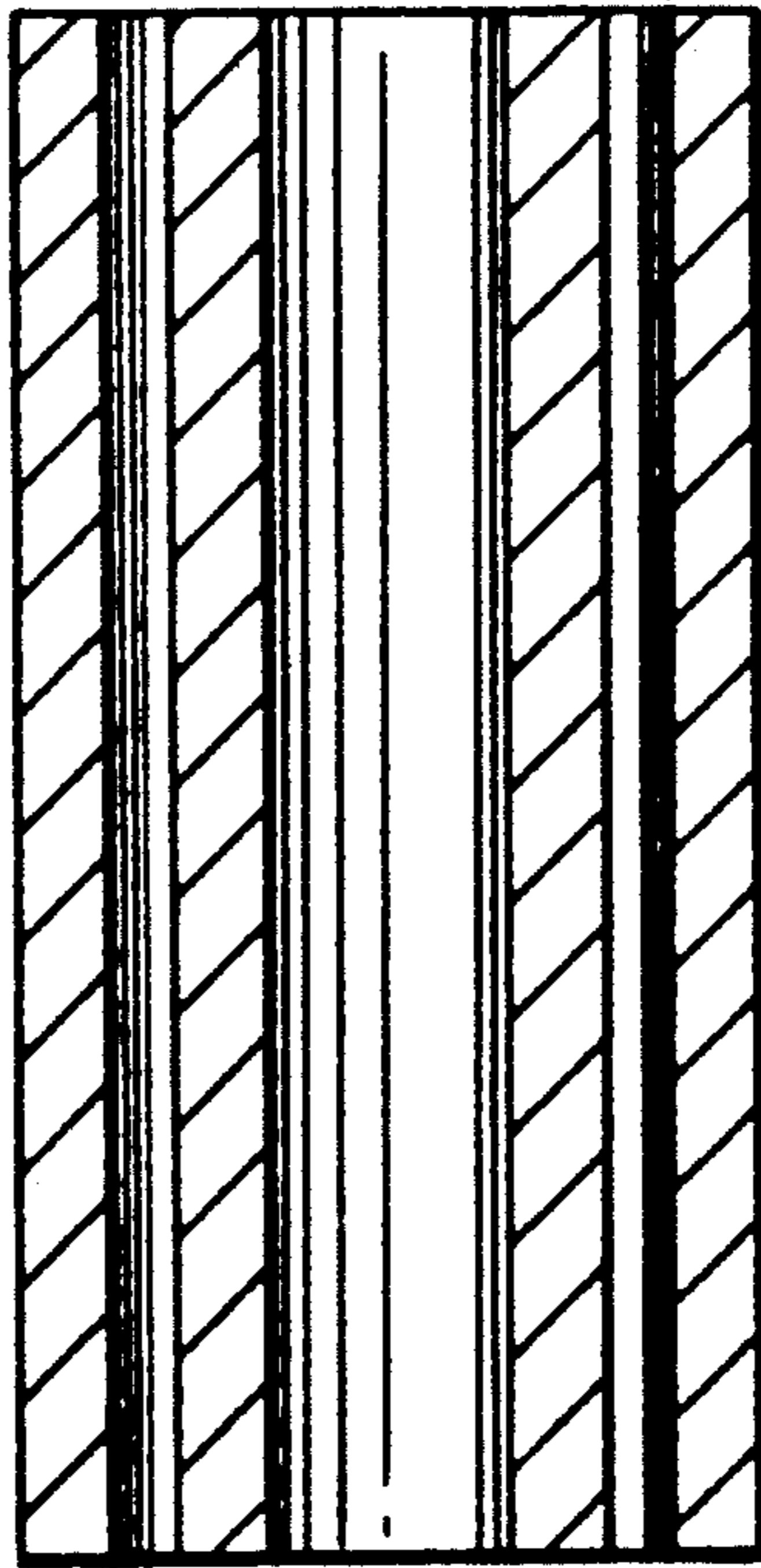


FIG. 5