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# United States Patent [19]

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Der-Jinn

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## [54] ULTRASONIC COCKROACH REPELLENT

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

[21] Appl. No.: **605,015**

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[52] U.S. Cl. .... **D22/120; D23/366**

[58] Field of Search ..... **D22/119, 120, 122, 123;  
D23/366; 239/34, 35, 56, 57, 44, 58; 43/121,  
125, 129, 131**

### [56] References Cited

#### U.S. PATENT DOCUMENTS

- |            |        |                  |         |
|------------|--------|------------------|---------|
| D. 269,699 | 7/1983 | May et al. ....  | D23/366 |
| D. 280,538 | 9/1985 | Von Till ....    | D22/120 |
| D. 289,919 | 5/1987 | O'Neil, Jr. .... | D23/366 |

- |            |         |                         |          |
|------------|---------|-------------------------|----------|
| D. 305,457 | 1/1990  | Nakao .....             | D23/366  |
| 2,026,393  | 12/1935 | Linck .....             | 43/121   |
| 2,710,485  | 6/1955  | Starr .....             | 43/131   |
| 4,526,320  | 1/1985  | von Philipp et al. .... | 239/34 X |
| 4,549,693  | 10/1985 | Barlies .....           | 239/58   |

*Primary Examiner*—A. Hugo Word

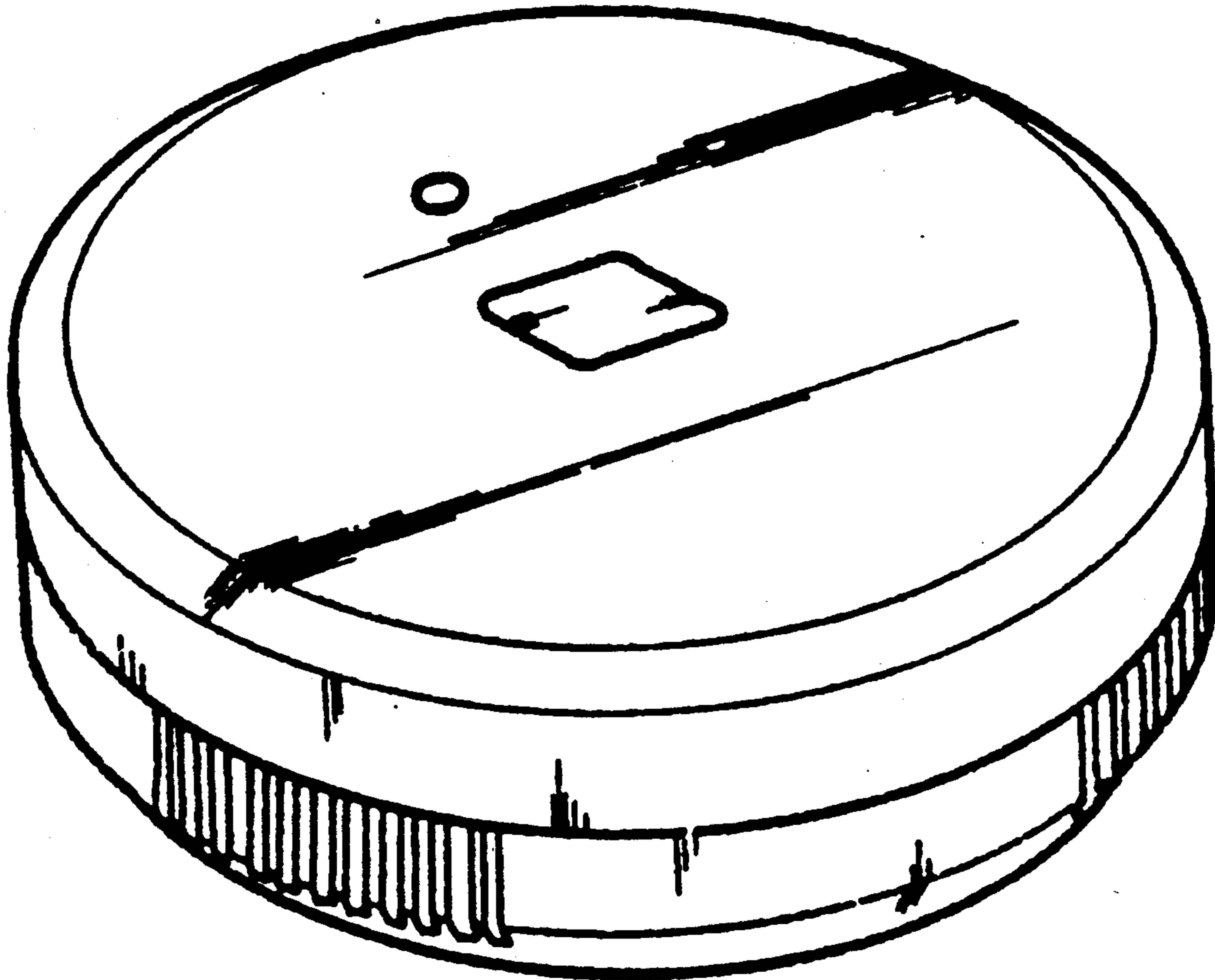
*Assistant Examiner*—Doris V. Coles

### [57] CLAIM

The ornamental design for an ultrasonic cockroach repellent, as shown and described.

### DESCRIPTION

FIG. 1 is a top, left, front perspective view of an ultrasonic cockroach repellent illustrating my new design; FIG. 2 is a top plan view thereof; FIG. 3 is a bottom plan view thereof; FIG. 4 is a front elevational view thereof; FIG. 5 is a rear elevational view thereof; FIG. 6 is a left side elevational view thereof; and, FIG. 7 is a right side elevational view thereof.



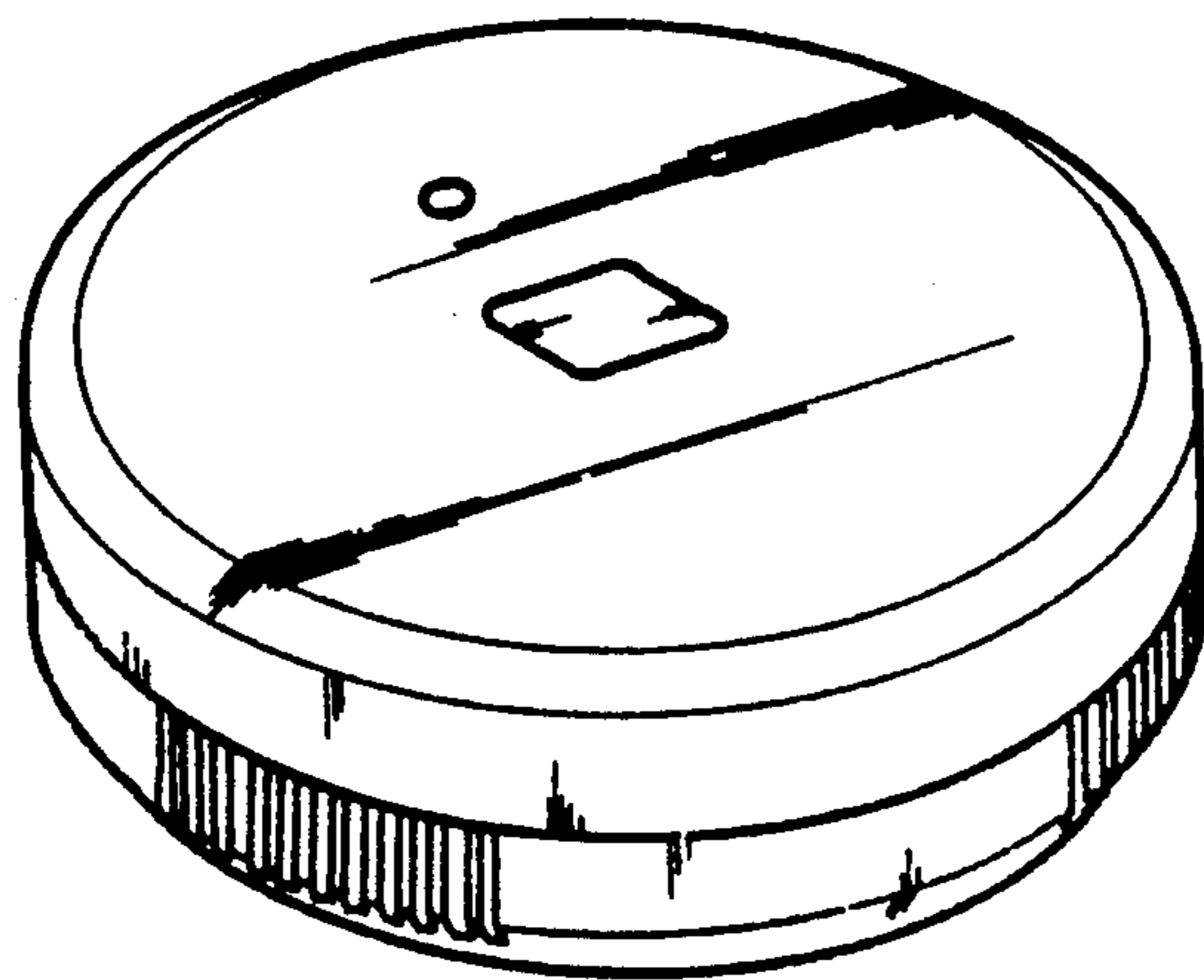


FIG.1

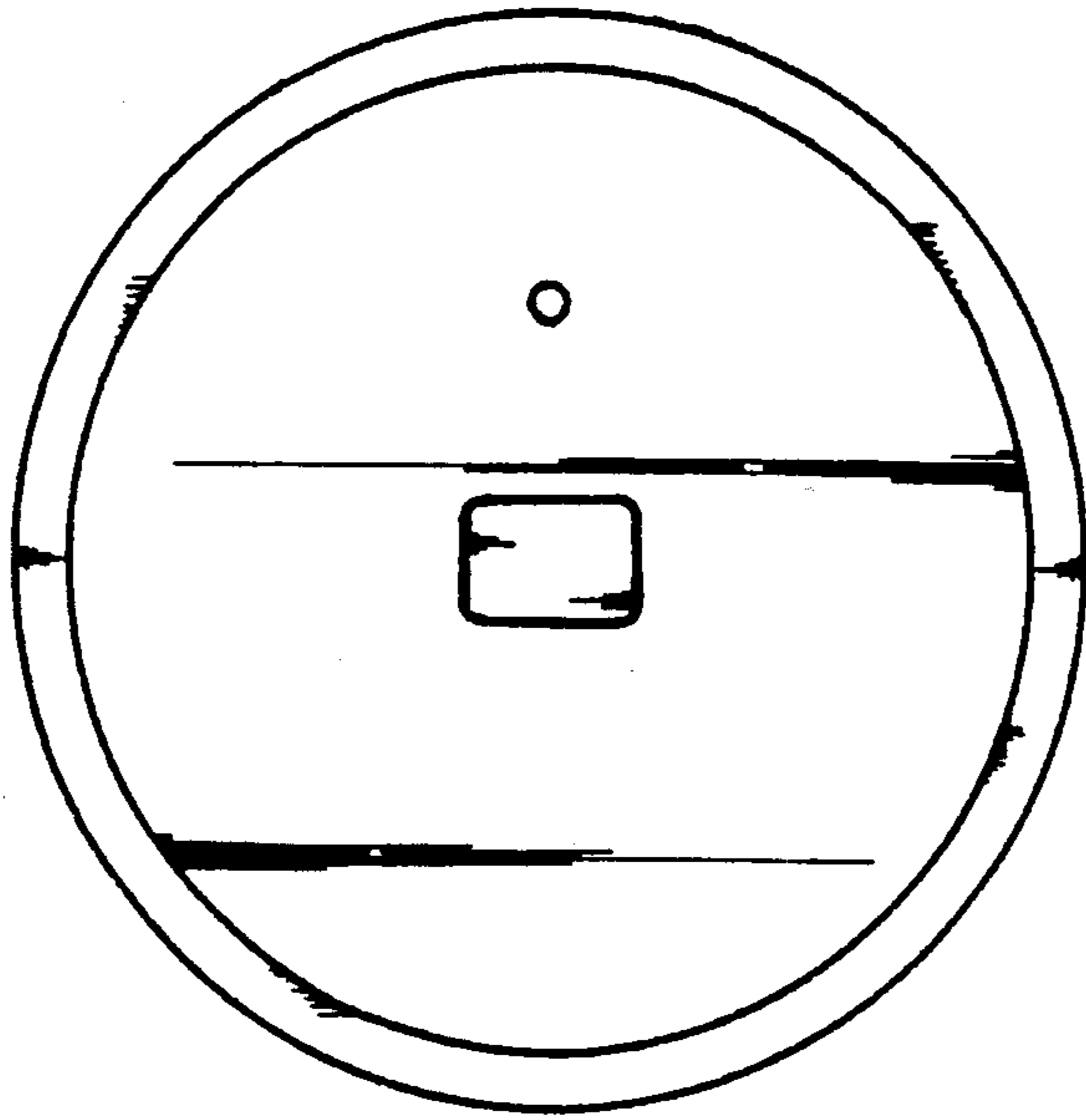


FIG. 2

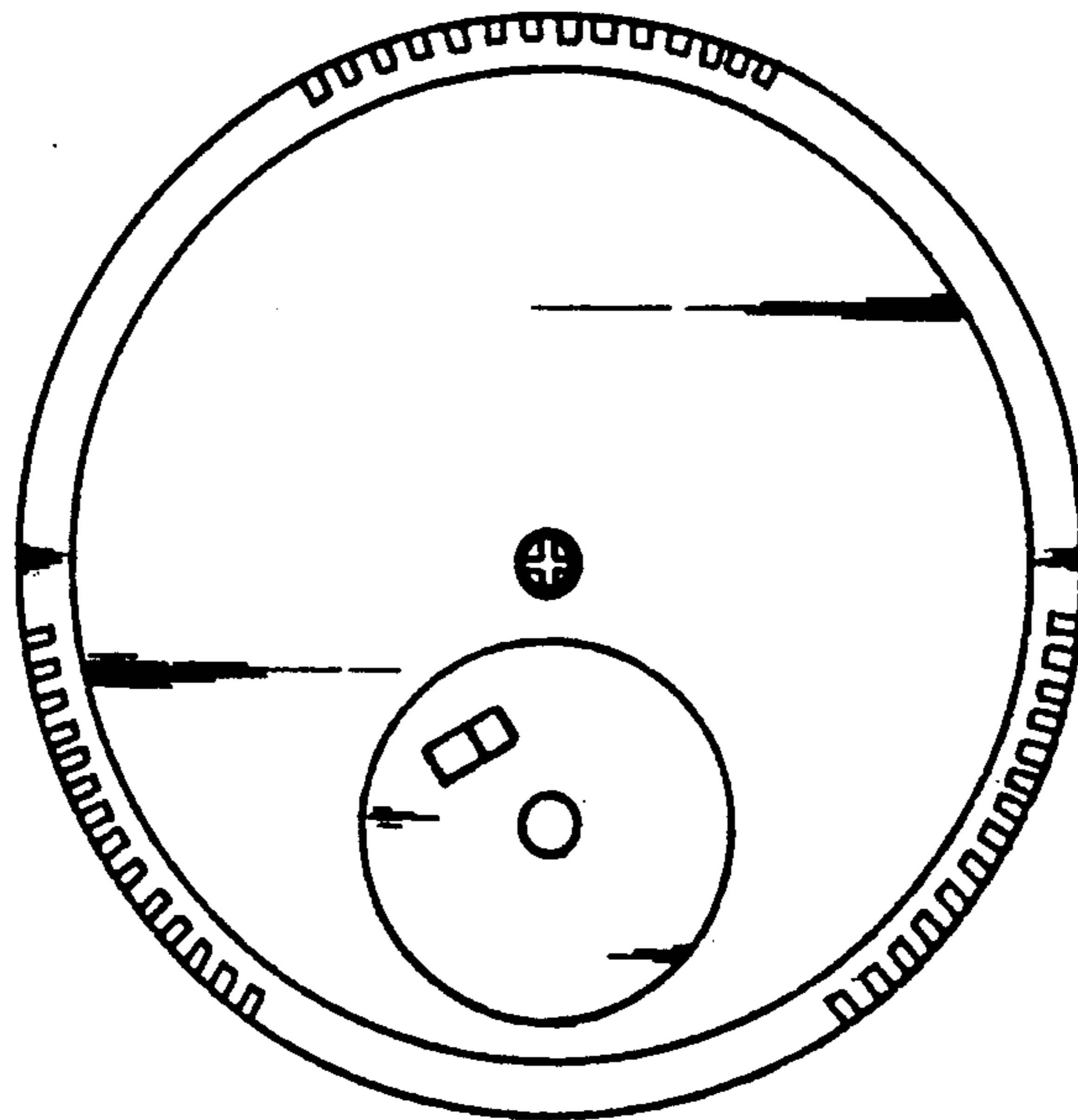


FIG. 3

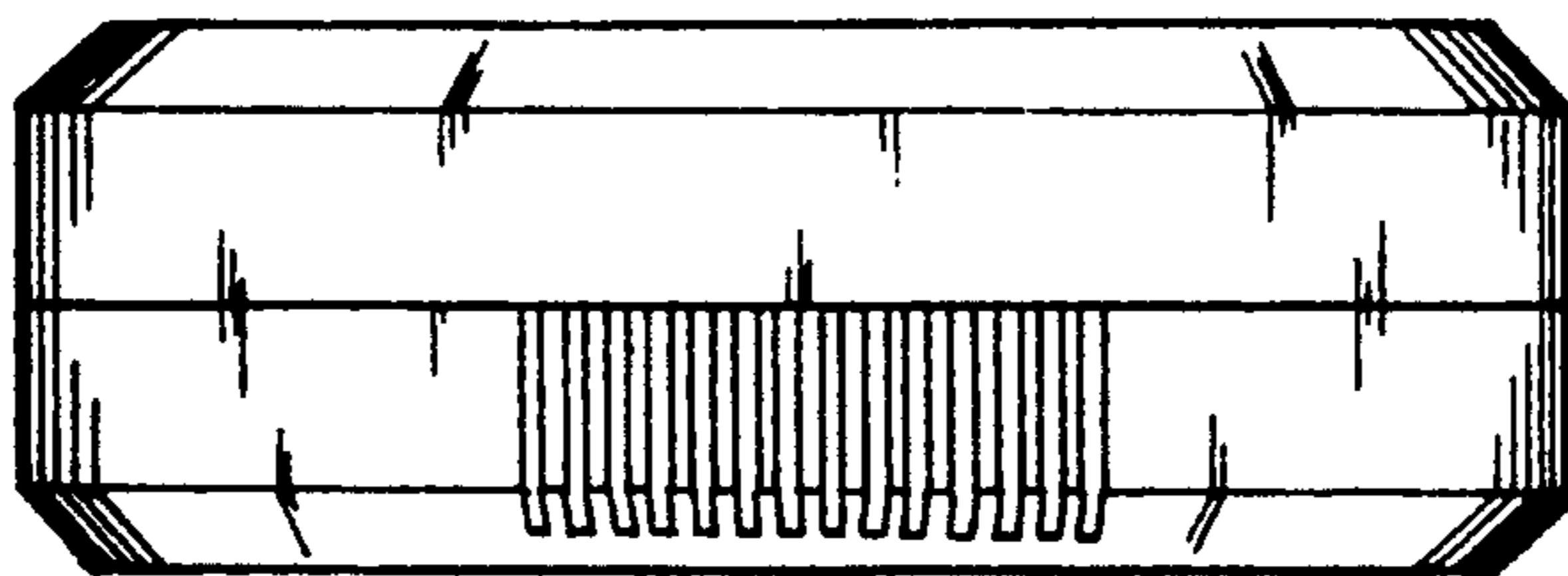


FIG. 4

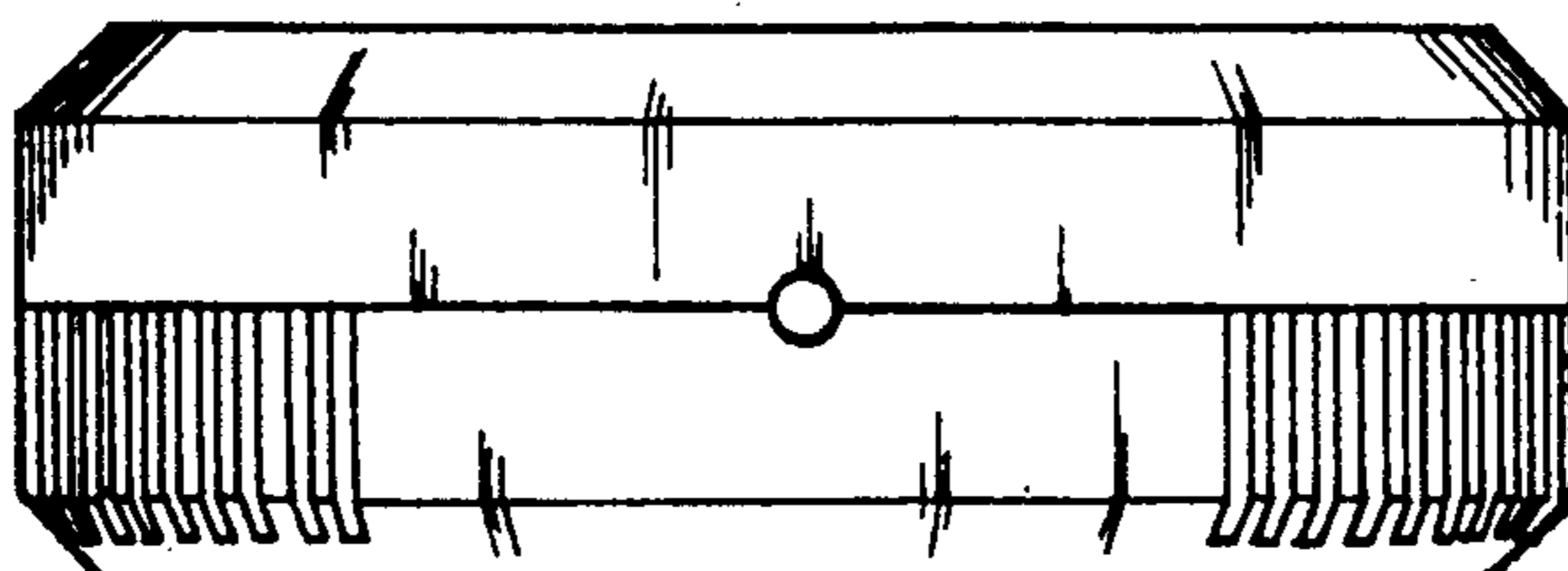


FIG. 5

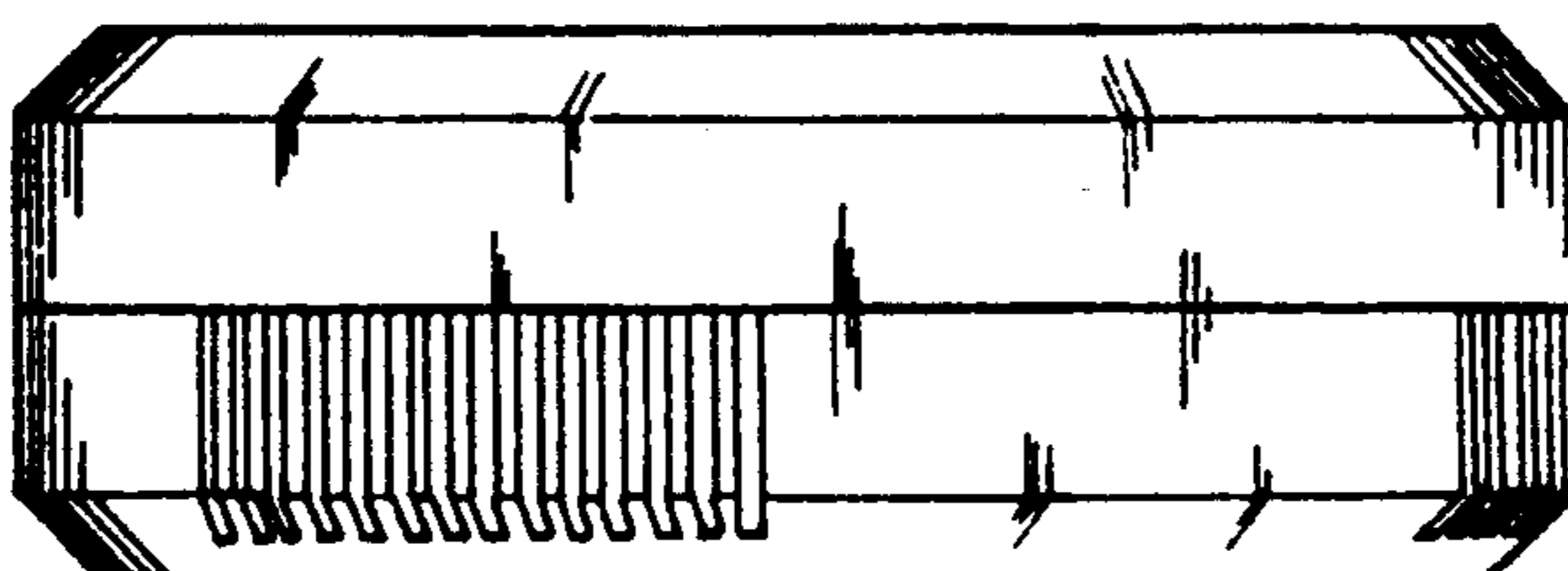


FIG. 6

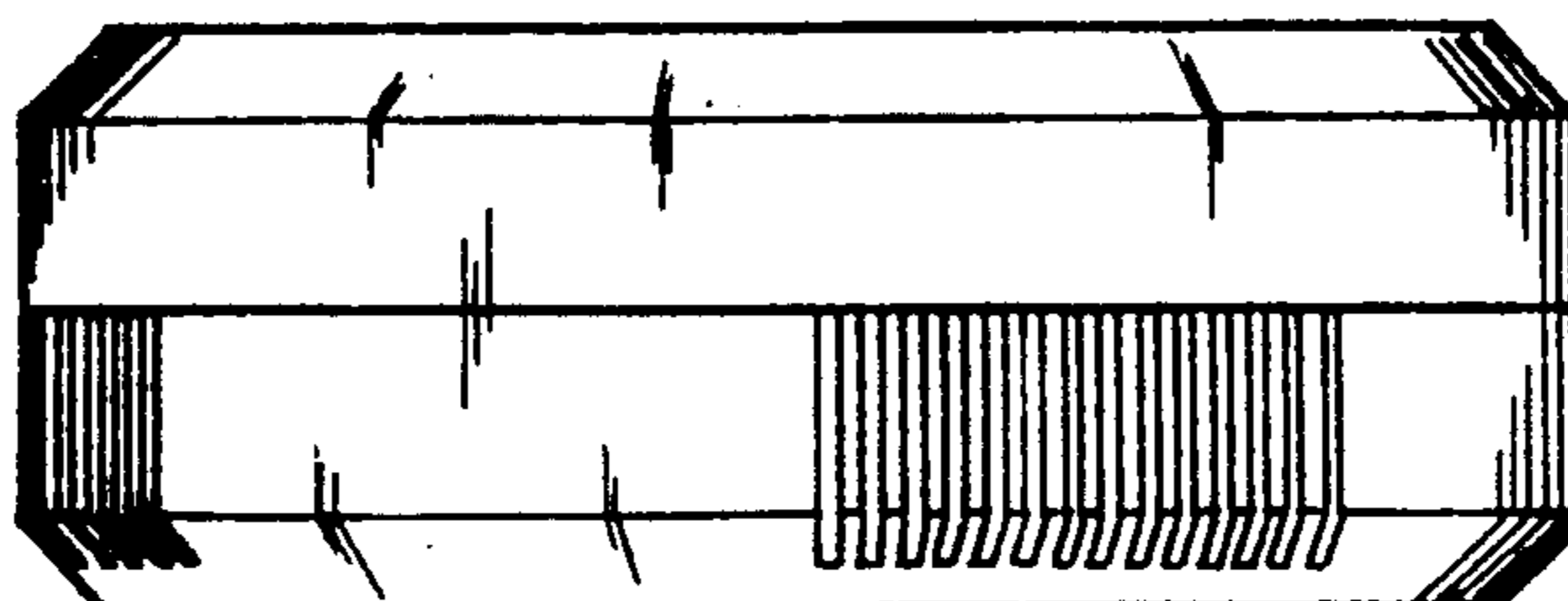


FIG. 7