

US00D406852S

Des. 406,852

**Mar. 16, 1999

United States Patent [19]

Burkhart et al.

[54]

ELECTROSTATIC CHUCK WITH IMPROVED SPACING MASK AND WORKPIECE DETECTION DEVICE Primary Examiner—Antoine Duval Davis Attorney, Agent, or Firm—Thomason and Moser

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Calif.

[**] Term: 14 Years

[21] Appl. No.: **79,584**

[22] Filed: Nov. 14, 1997

[52] U.S. Cl. D15/140

[56] References Cited

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Patent Number:

Date of Patent:

[57] CLAIM

[11]

[45]

The ornamental design for an electrostatic chuck with improved spacing mask and workpiece detection device, as shown.

DESCRIPTION

FIG. 1 depicts a top view of the electrostatic chuck with improved spacing mask and workpiece detection device; FIG. 2 depicts an elevation view of the electrostatic chuck when looking up along the y-axis of FIG. 1, the view when looking down along the y-axis, being identical to that of FIG. 2;

FIG. 3 depicts a detailed view of part of a surface and circumferential edge of the electrostatic chuck seen in FIG. 2;

FIG. 4 depicts a bottom view of the electrostatic chuck; FIG. 5 depicts an elevation view of the electrostatic chuck when looking to the left along the x-axis of FIG. 1; and, FIG. 6 depicts an elevation view of the electrostatic chuck when looking to the right along the x-axis of FIG. 1.

1 Claim, 2 Drawing Sheets

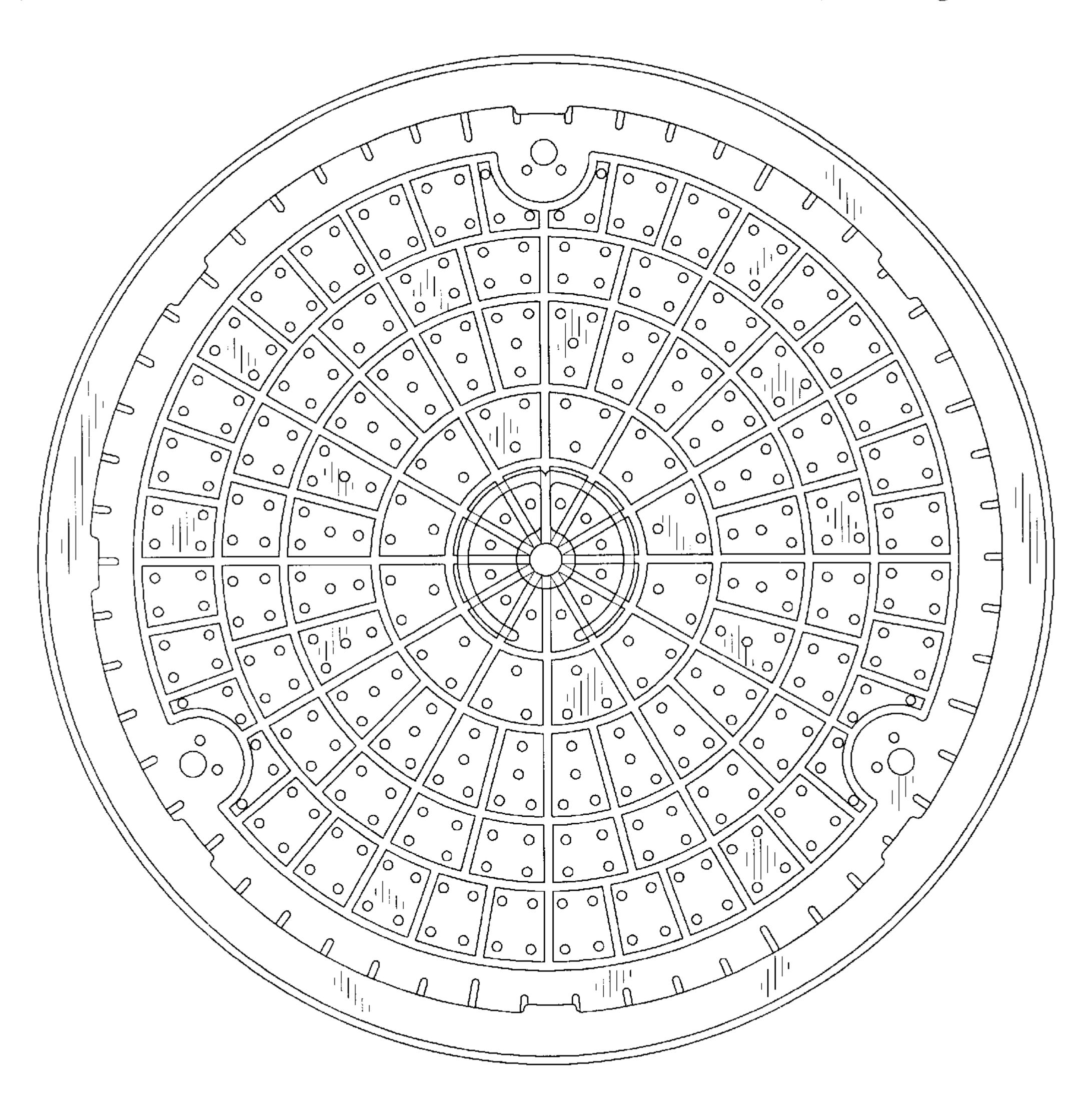


FIG. 1

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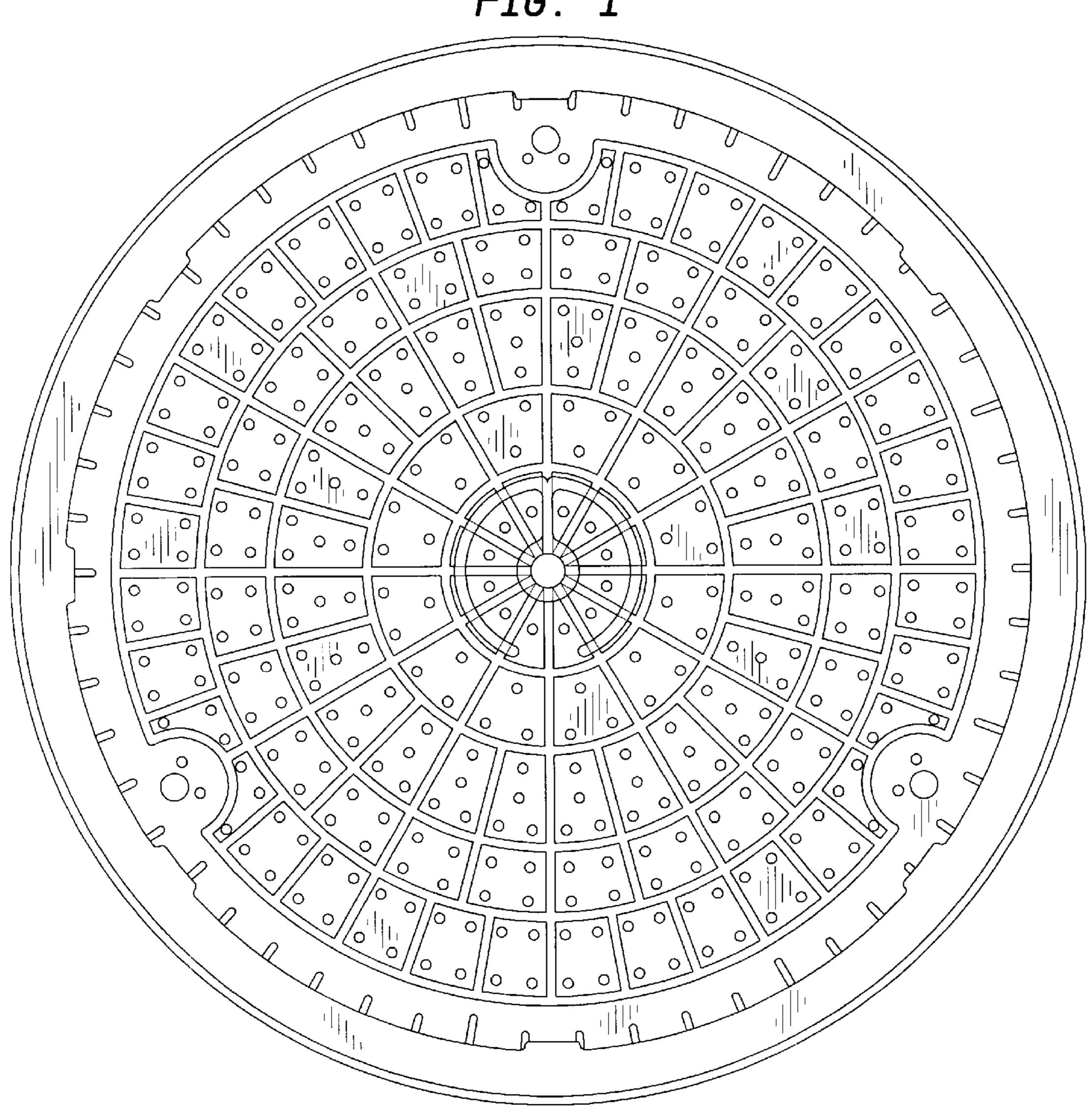


FIG. 2

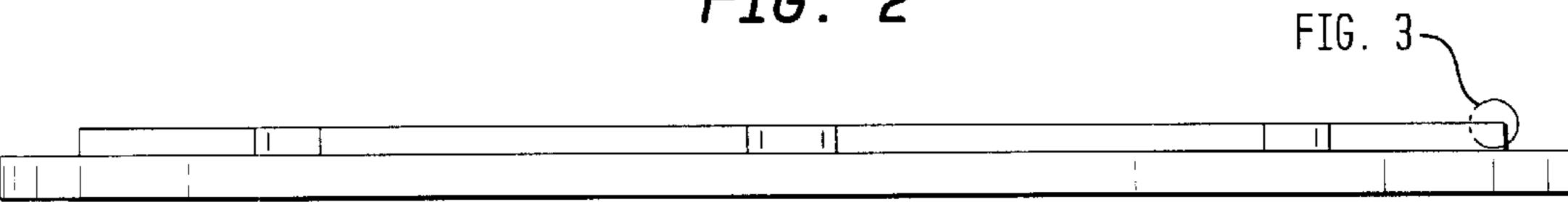


FIG. 3

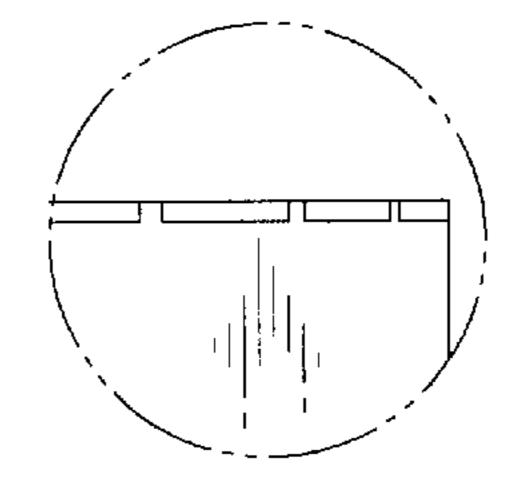


FIG. 4

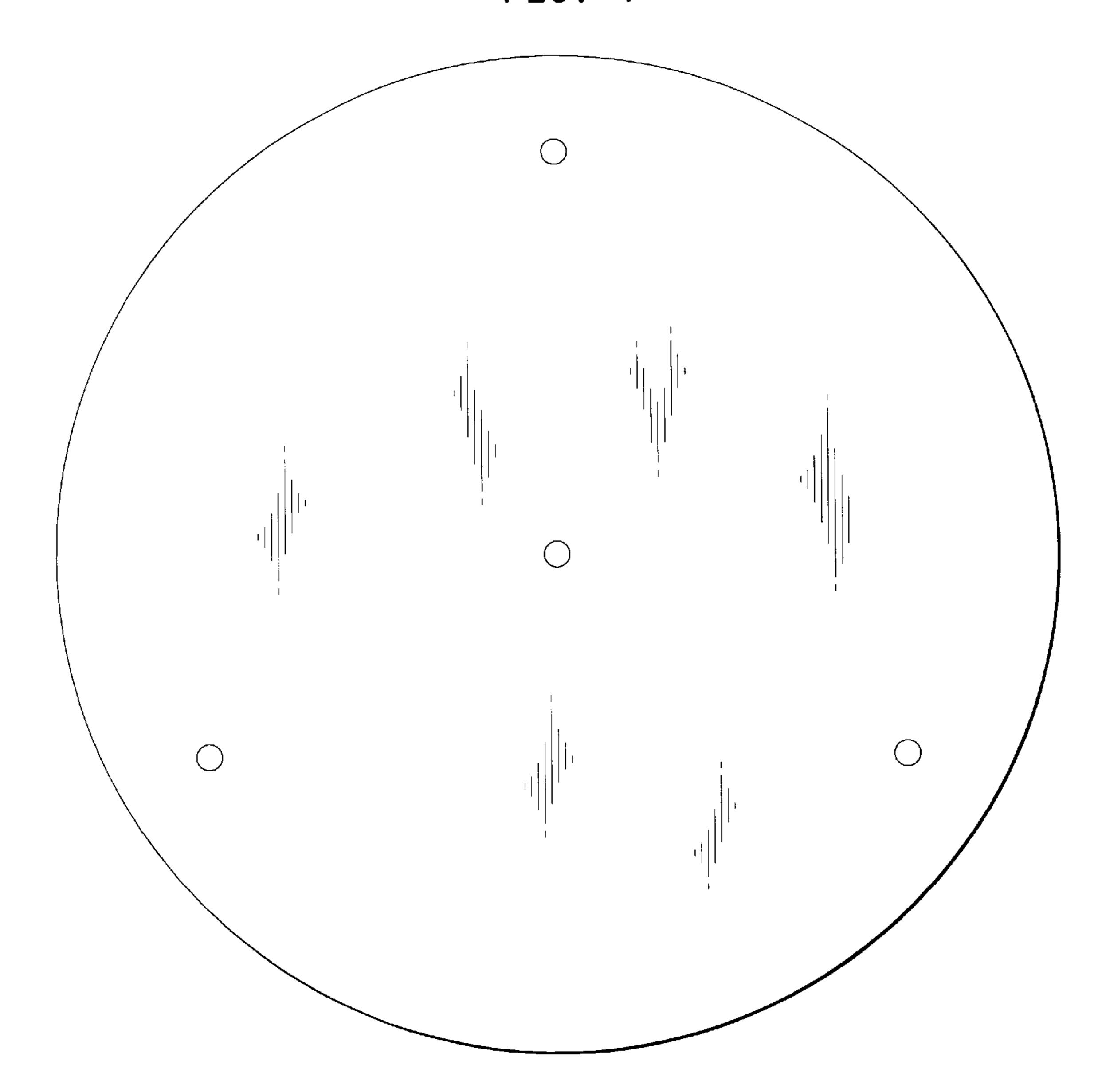


FIG. 5

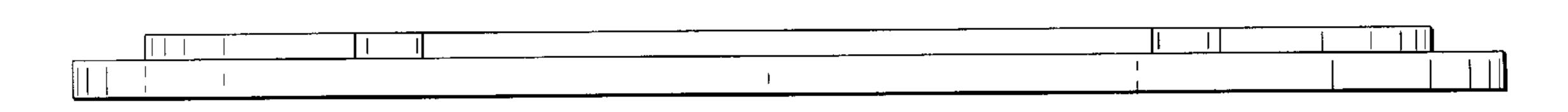


FIG. 6

