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(12) **United States Design Patent**
Pinchot

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(54) **MESH RING EXTRUDER DIE**

5,882,782 * 3/1999 Tsubone 428/317.1
6,156,698 12/2000 Iida et al. .

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* cited by examiner

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(**) Term: **14 Years**

(57) **CLAIM**

(21) Appl. No.: **29/129,732**

The ornamental design for a mesh ring extruder die, as shown and described.

(22) Filed: **Sep. 20, 2000**

DESCRIPTION

(51) **LOC (7) Cl.** **15-09**

(52) **U.S. Cl.** **D15/136**

(58) **Field of Search** D15/135, 136;
164/61, 113, 103, 900; 428/188, 592; 502/439,
527.18, 527.19

FIG. 1 is a top plan view of a mesh ring extruder die showing my new design;

FIG. 2 is a bottom plane view of the mesh ring extruder die of FIG. 1;

FIG. 3 is a cross-sectional view along line 2—2 of FIG. 2; and,

FIG. 4 is an enlarged top sectional plane view of the mesh ring extruder die of FIG. 1.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,738,735 * 4/1988 Joneker et al. 156/64
5,878,804 3/1999 Williams et al. .

1 Claim, 1 Drawing Sheet

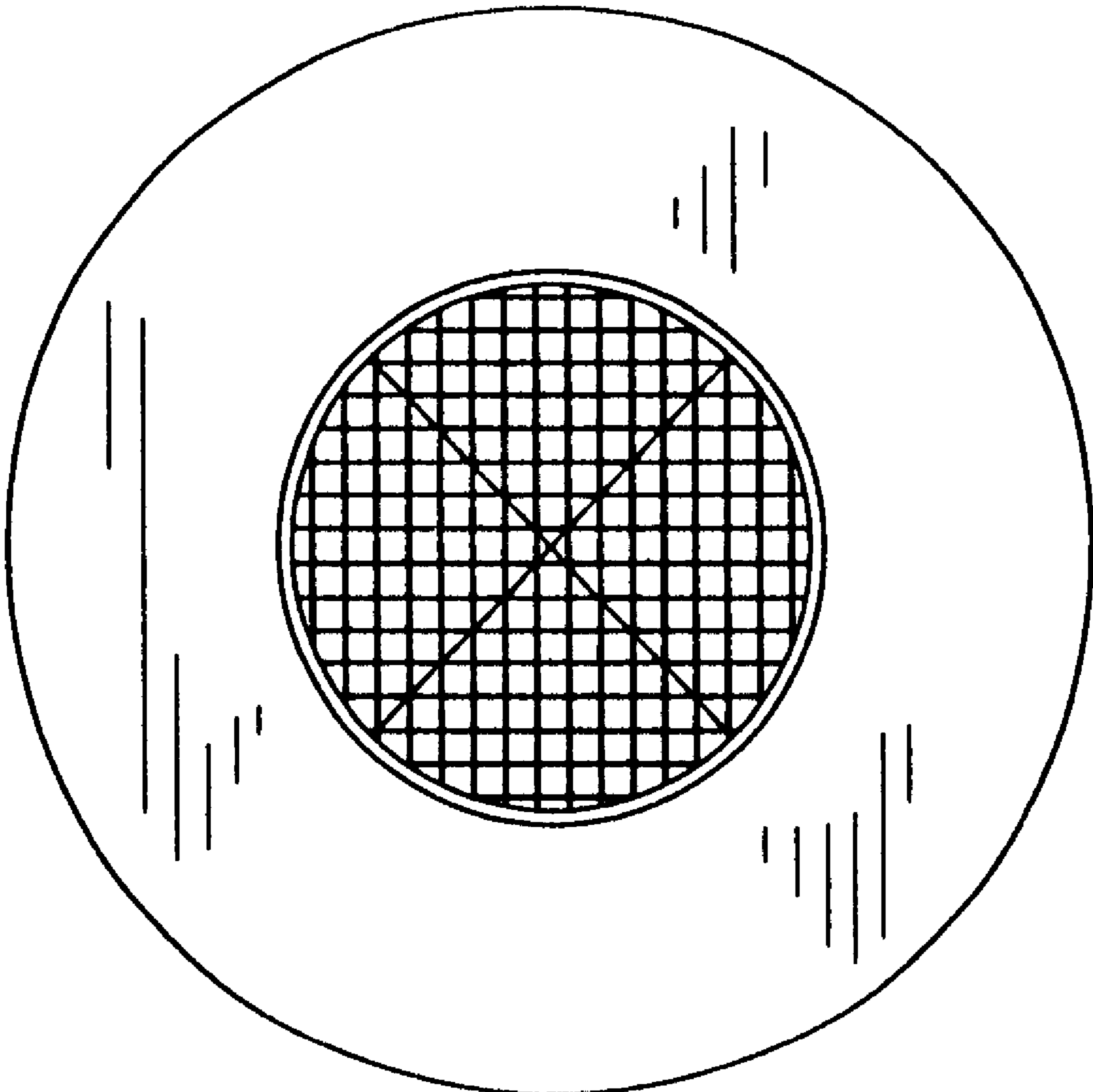


FIG. 1

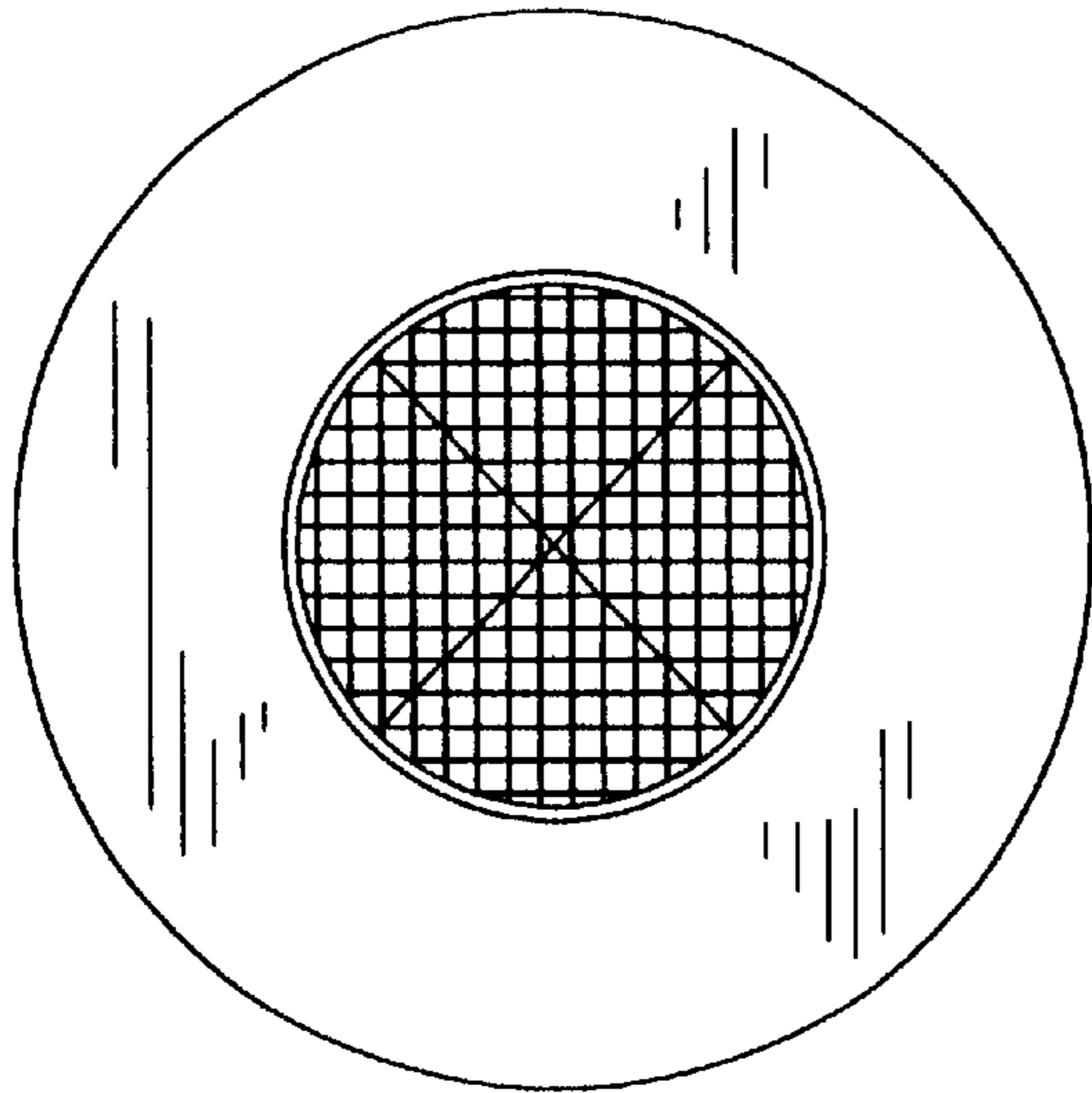


FIG. 2

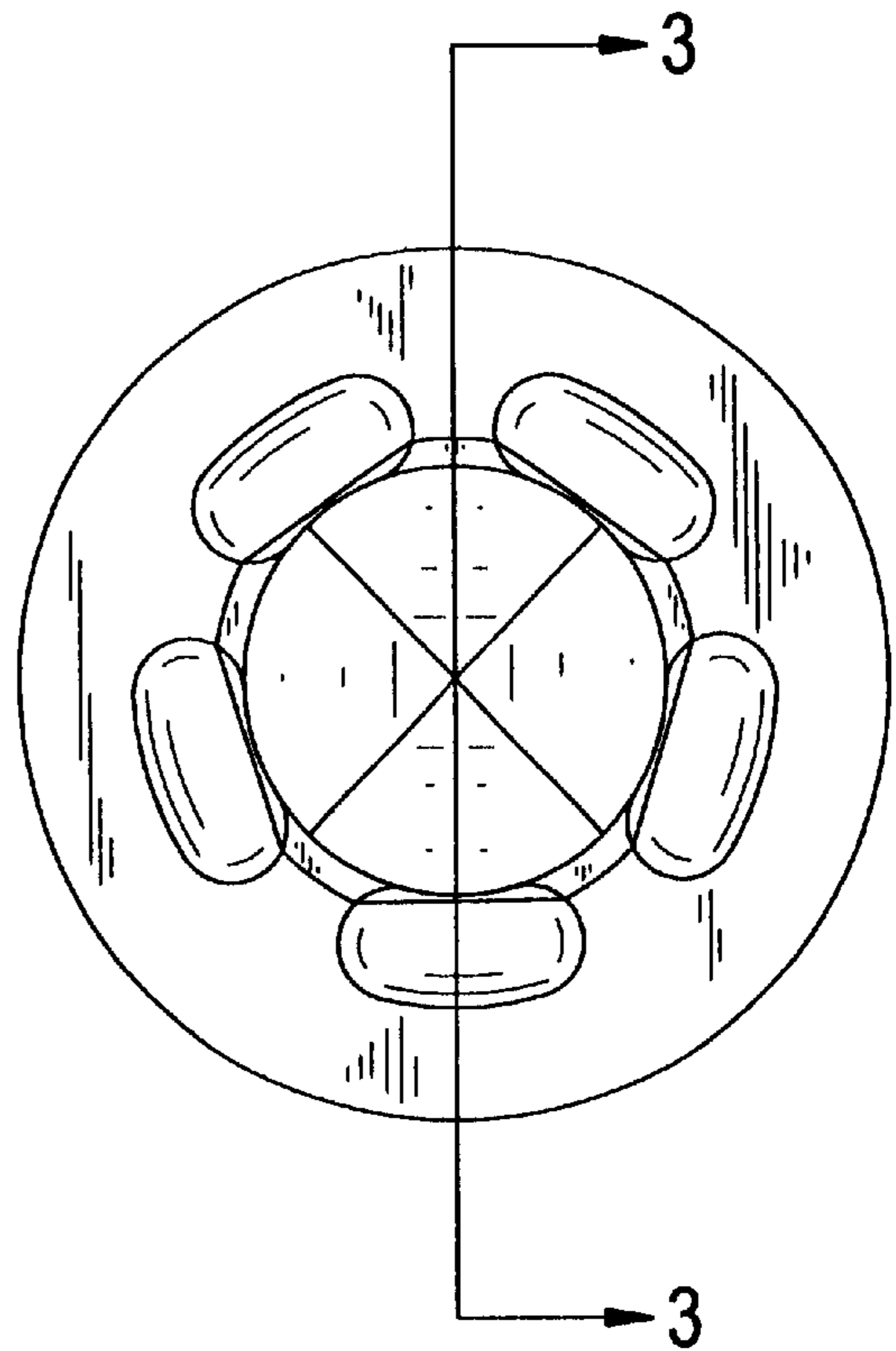


FIG. 3

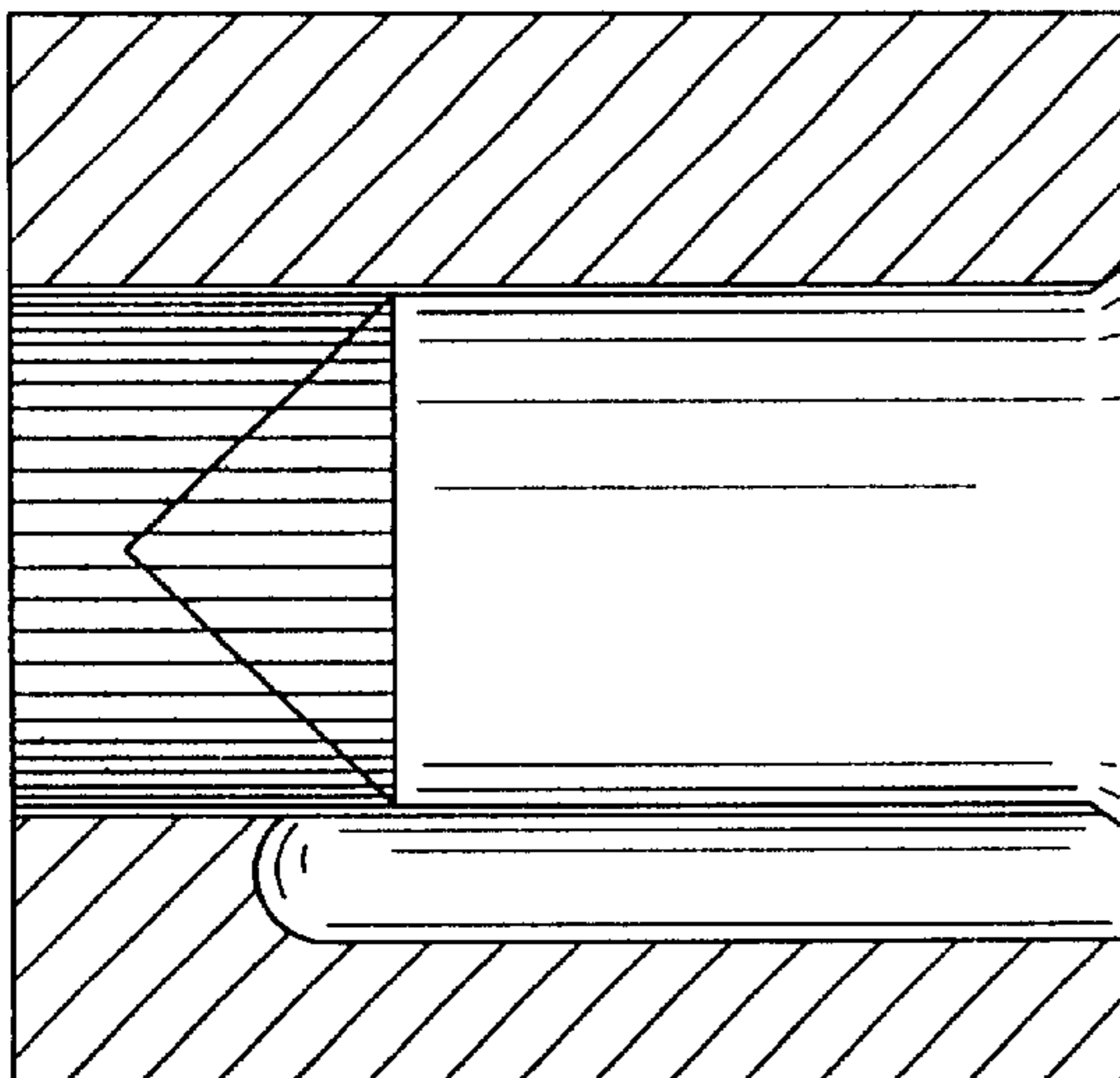


FIG. 4

