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United States Patent [19]

Nazarifar et al.

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[45] Date of Patent: ** Dec. 26, 2000

[54] SHIELDED FEMALE CONNECTOR

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[73] Assignee: Alcon Laboratories, Inc.

[**] Term: 14 Years

[21] Appl. No.: 29/102,713

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[51] LOC (7) Cl. 24-02

[52] U.S. Cl. D24/129; D23/262

[58] Field of Search D24/112, 129, D24/130; D23/259, 262; 285/40, 390; 604/403, 905, 530, 533, 535, 19, 22, 27, 35; 222/566, 567, 568, 571; 606/107

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Attorney, Agent, or Firm—Jeffrey S. Schira

[57] CLAIM

The ornamental design for a shielded female connector, as shown and described.

DESCRIPTION

FIG. 1 is an upper, left, rear perspective view of a first embodiment of the shielded female connector of the present invention.

FIG. 2 is an upper, left, front perspective view of a first embodiment of the shielded female connector of the present invention.

FIG. 3 is an upper plan view of a first embodiment of the shielded female connector of the present invention.

FIG. 4 is a front elevational view of a first embodiment of the shielded female connector of the present invention.

FIG. 5 is a left elevational view of a first embodiment of the shielded female connector of the present invention.

FIG. 6 is a rear elevational view of a first embodiment of the shielded female connector of the present invention.

FIG. 7 is an upper, left, rear perspective view of a second embodiment of the shielded female connector of the present invention.

FIG. 8 is an upper, right, front perspective view of a second embodiment of the shielded female connector of the present invention.

FIG. 9 is an upper plan view of a second embodiment of the shielded female connector of the present invention.

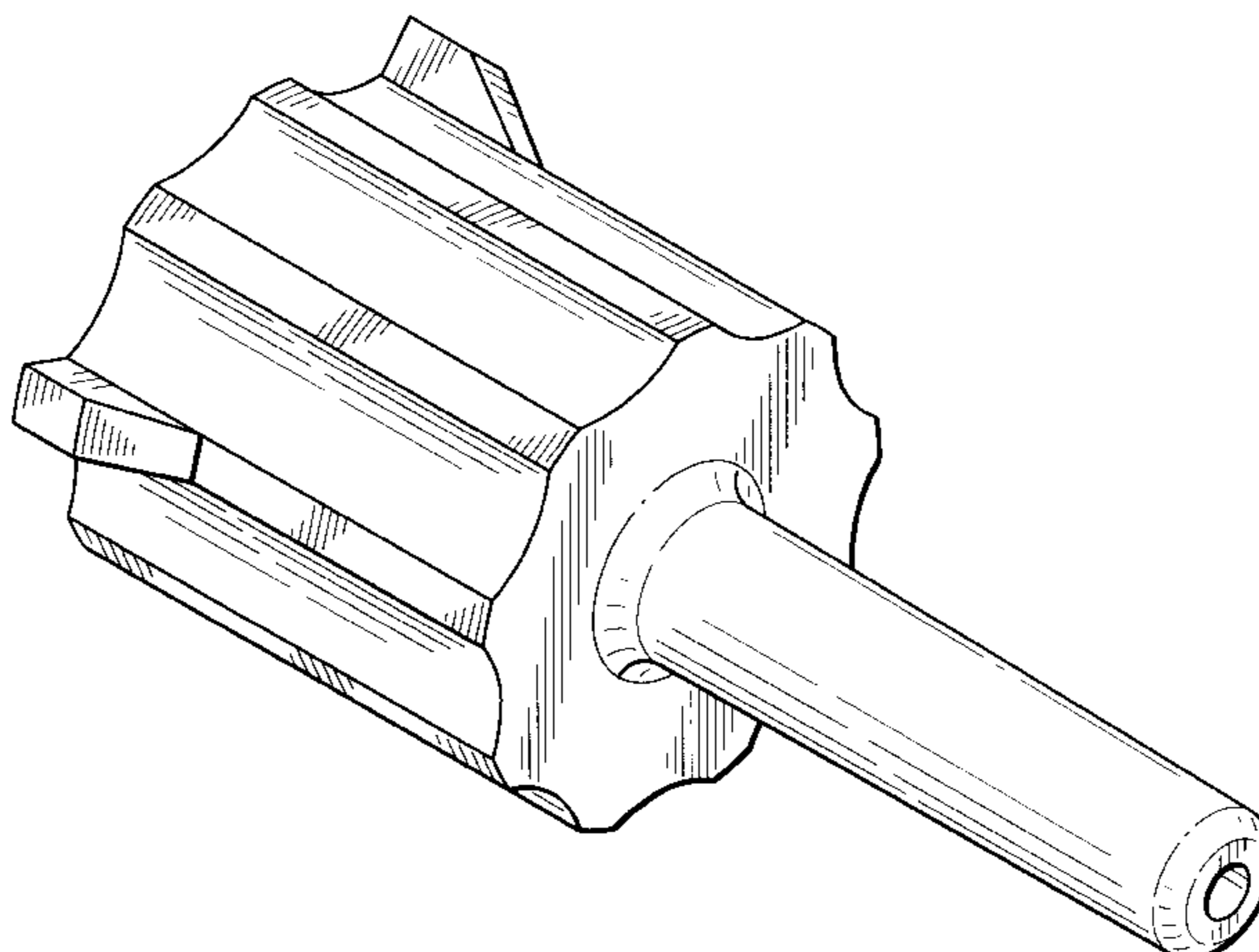
FIG. 10 is a front elevational view of a second embodiment of the shielded female connector of the present invention.

FIG. 11 is a left elevational view of a second embodiment of the shielded female connector of the present invention; and,

FIG. 12 is a rear elevational view of a second embodiment of the shielded female connector of the present invention.

The connector of the present invention is used as a fluid connector during microsurgery, particularly ophthalmic surgery, to connect irrigation and aspiration tubings between a surgical handpiece and a control console.

1 Claim, 8 Drawing Sheets



Des. 435,652

Page 2

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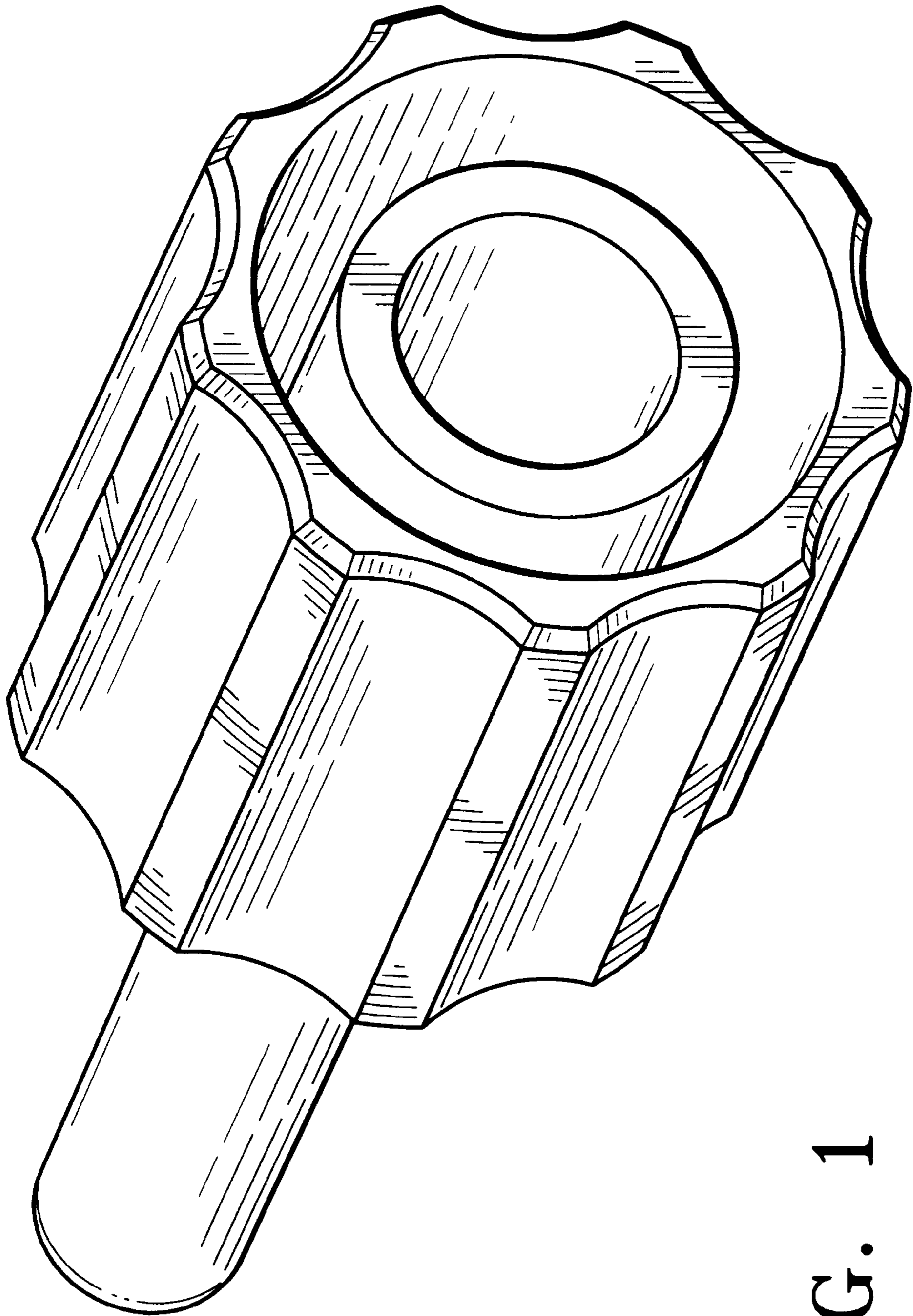


FIG. 1

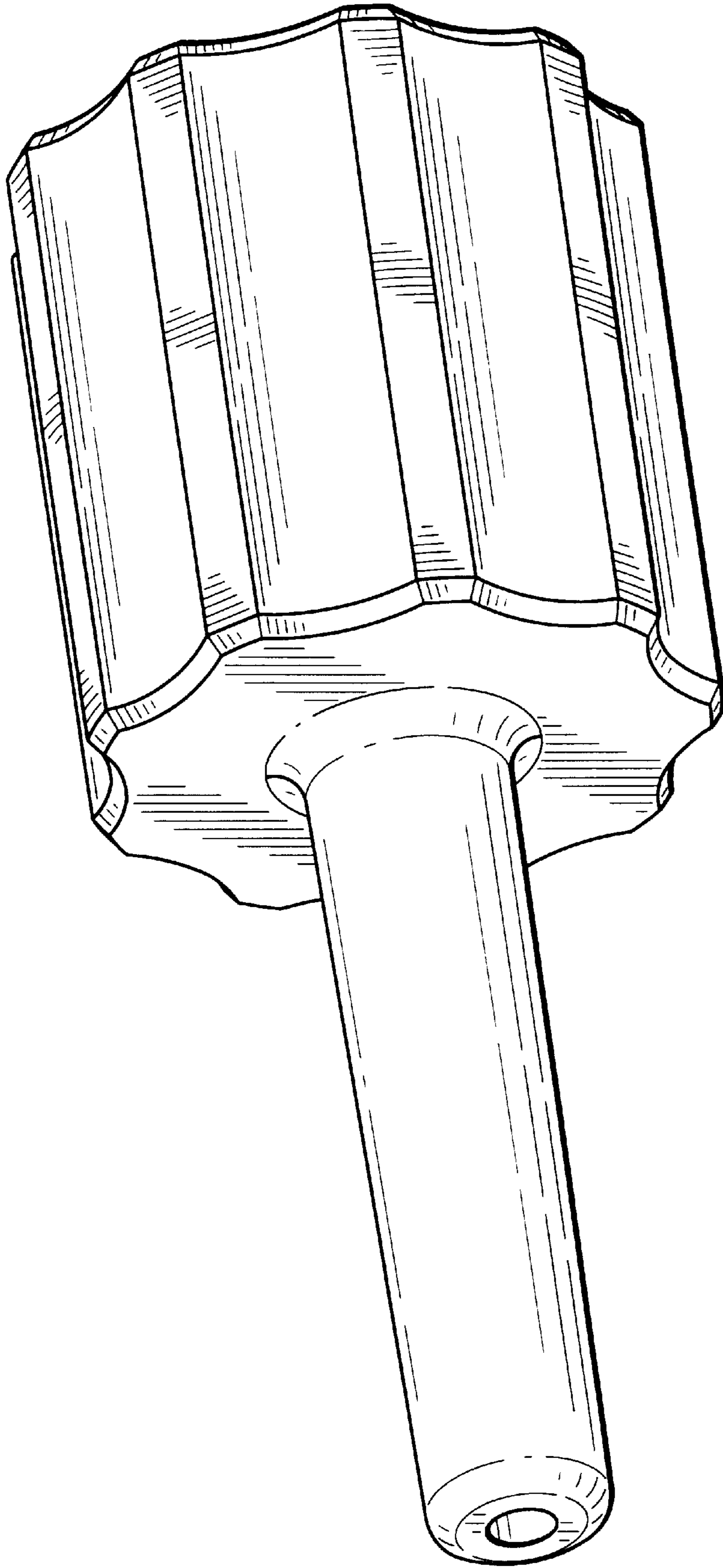


FIG. 2

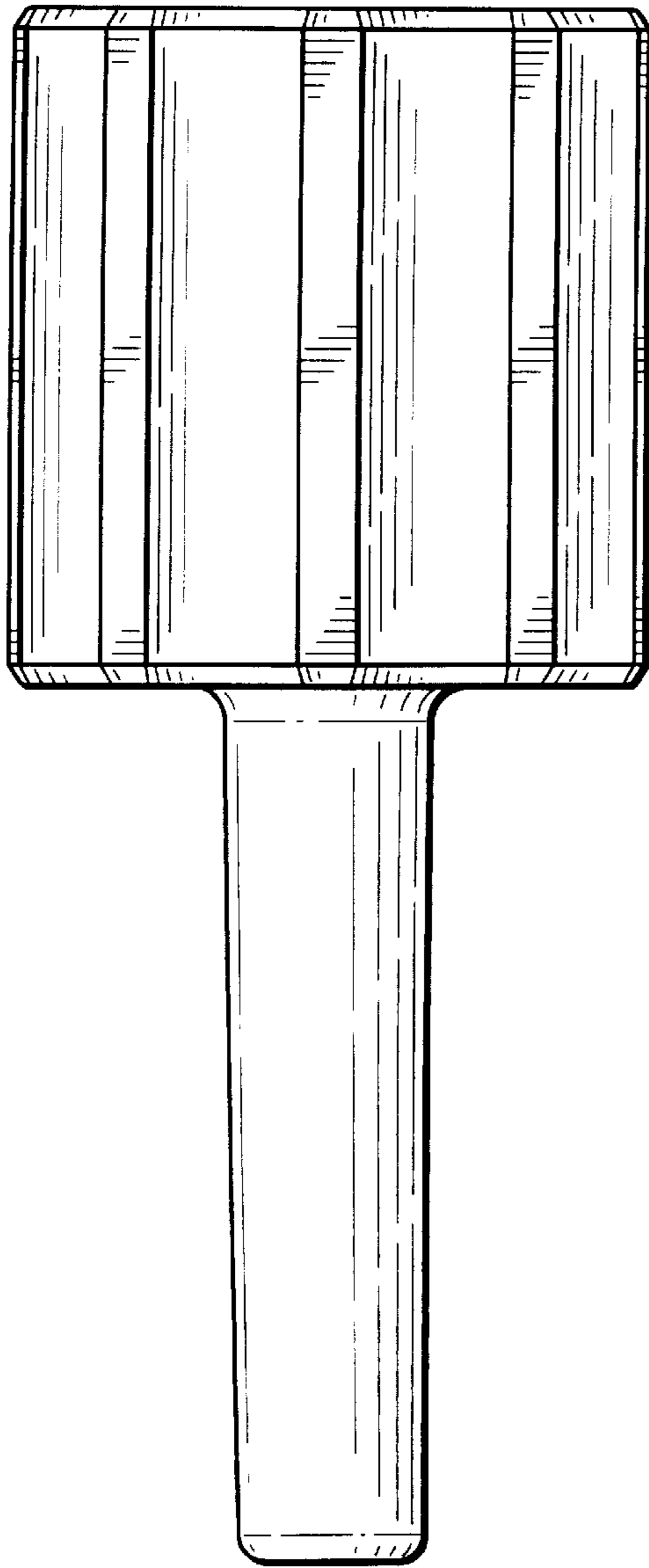


FIG. 3

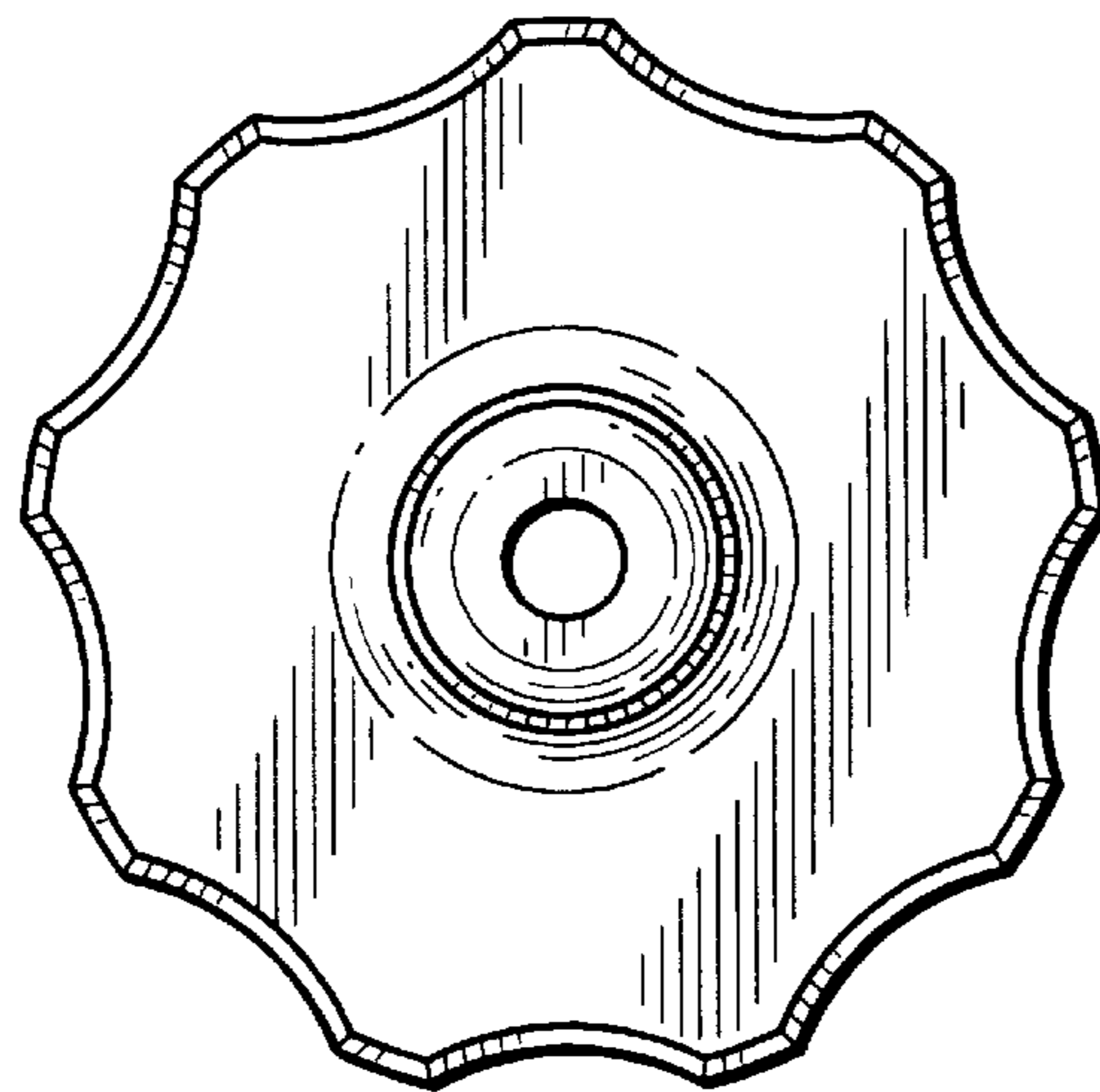


FIG. 4

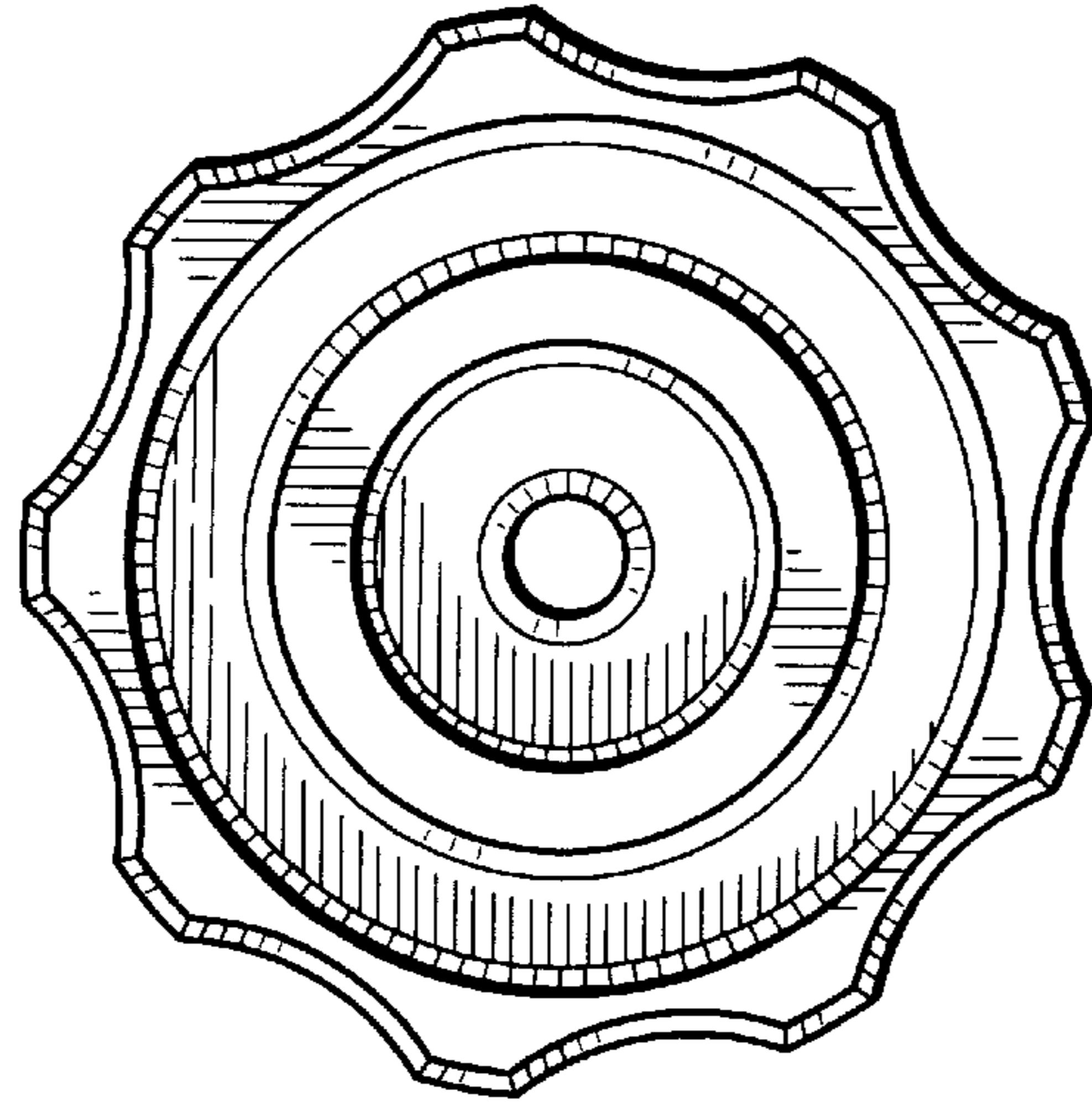


FIG. 6

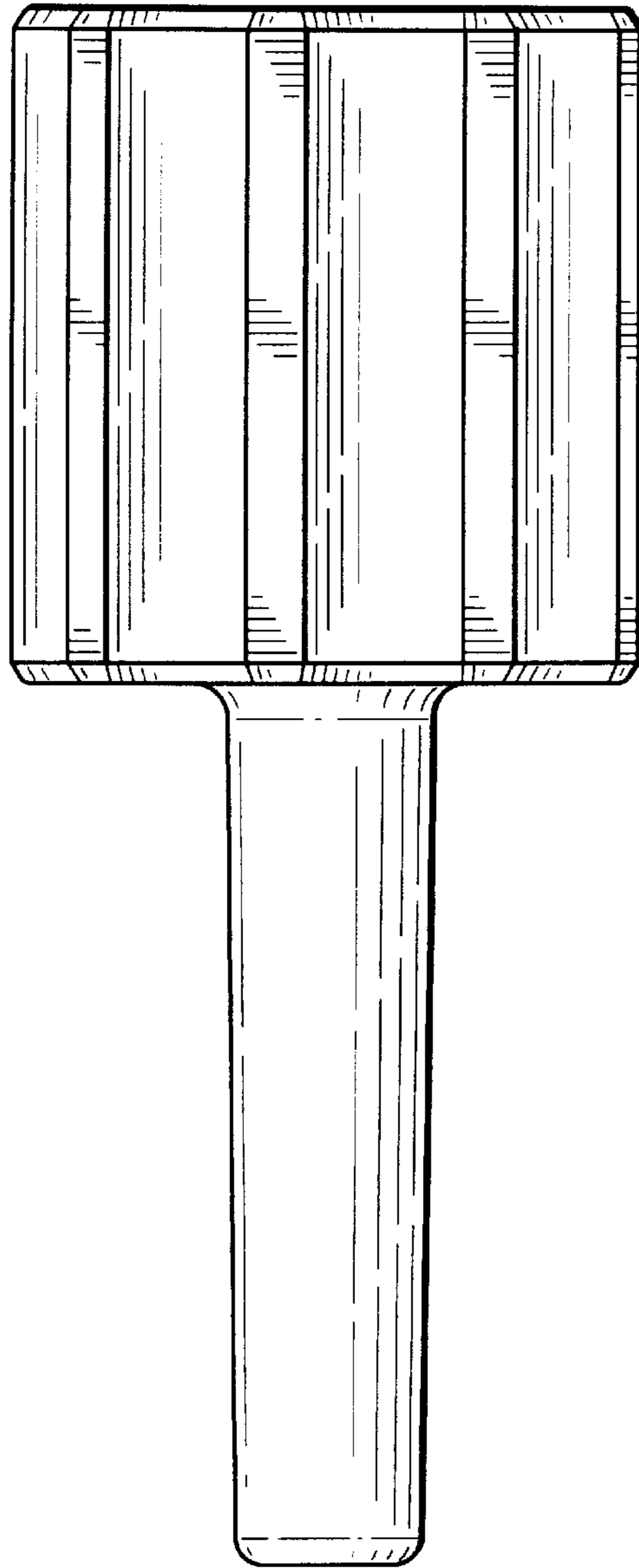


FIG. 5

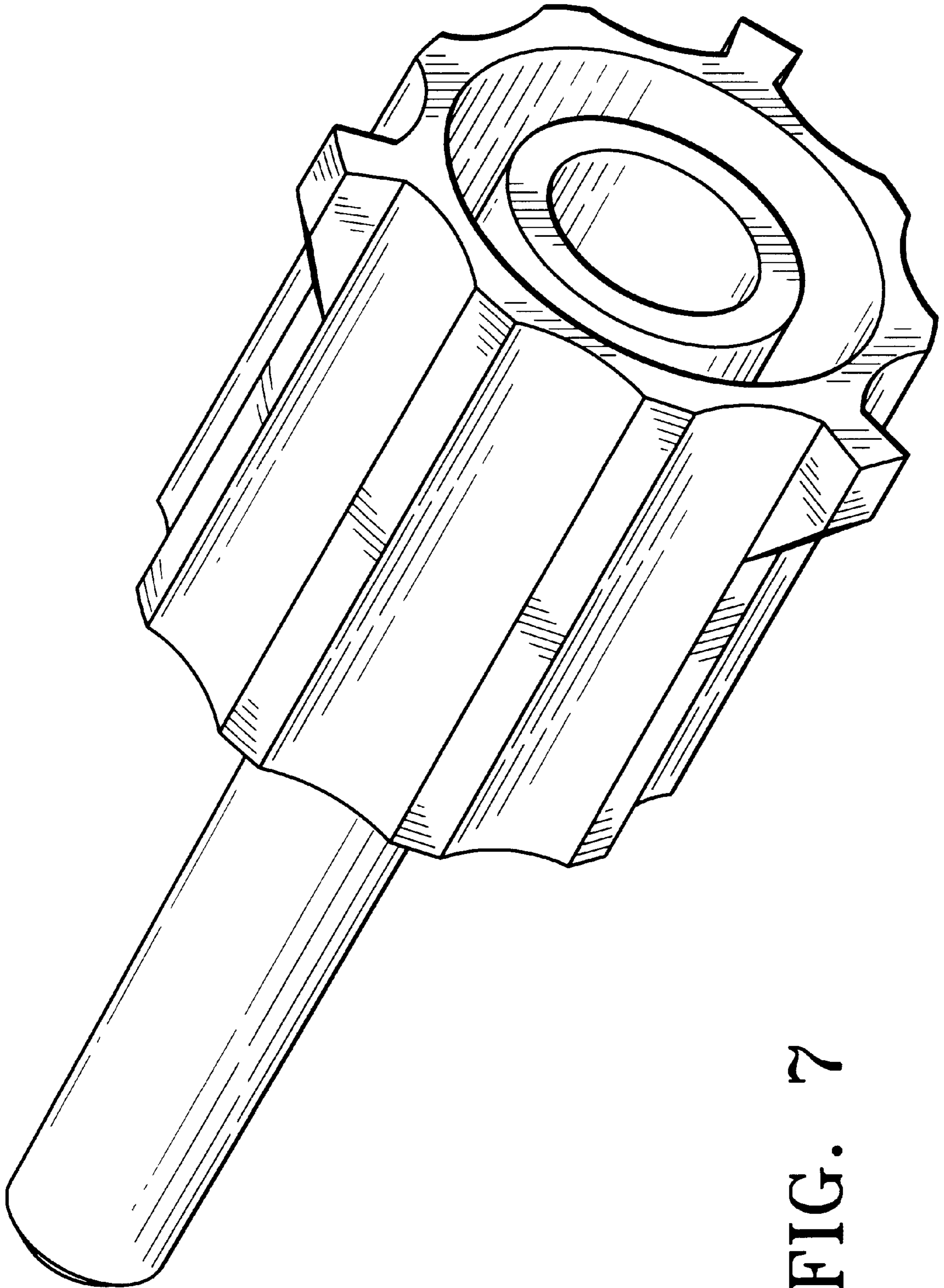
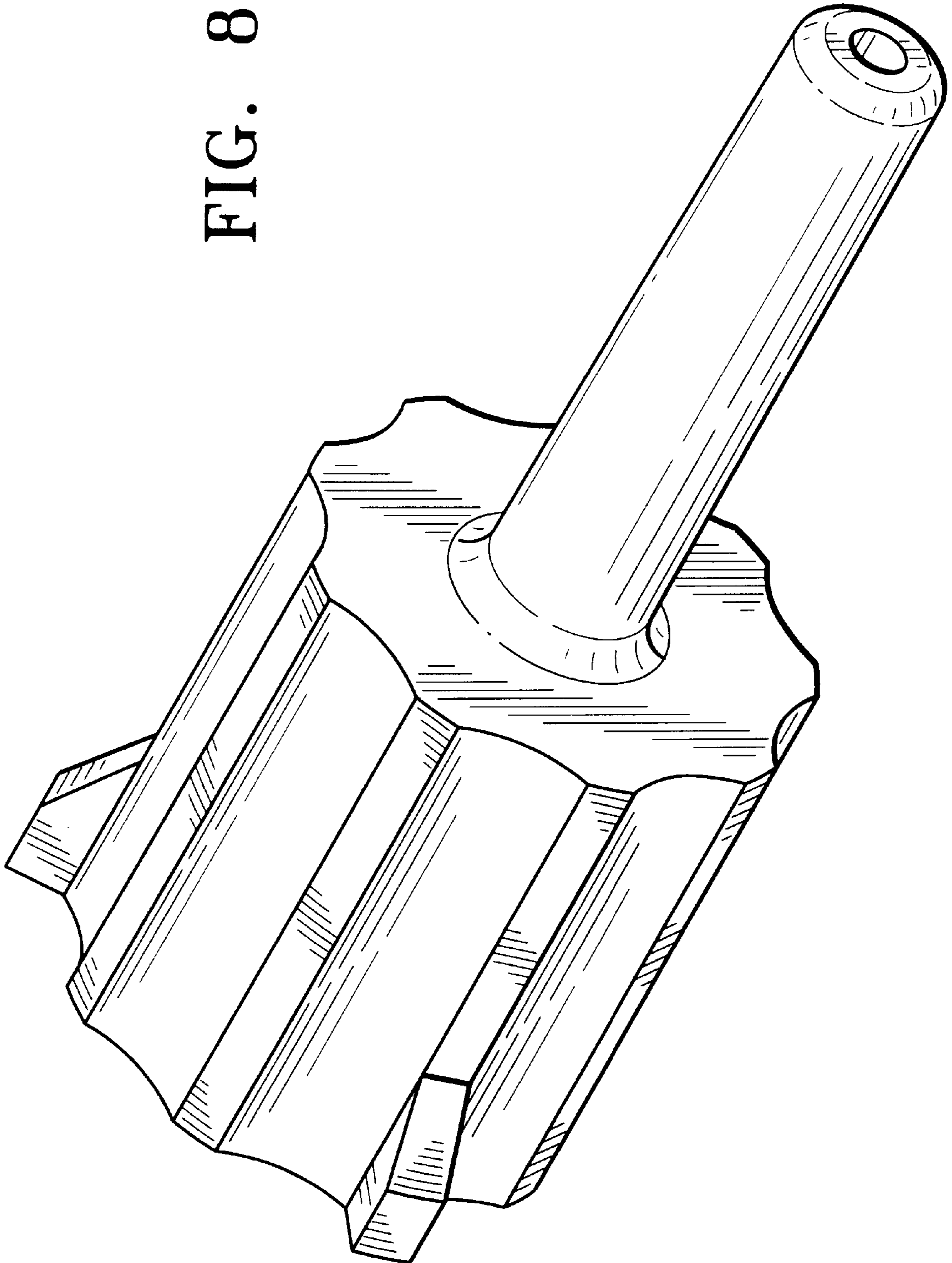


FIG. 7

FIG. 8



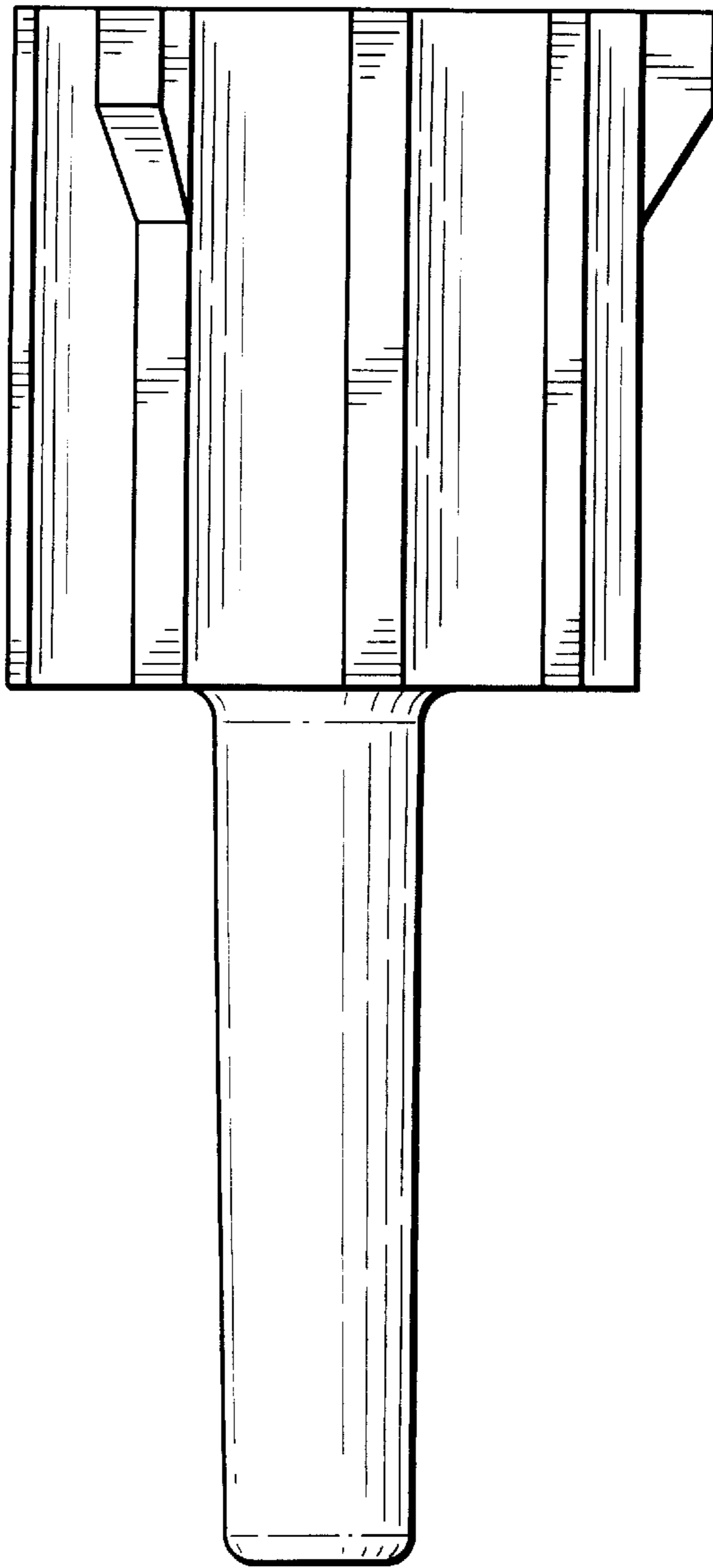


FIG. 9

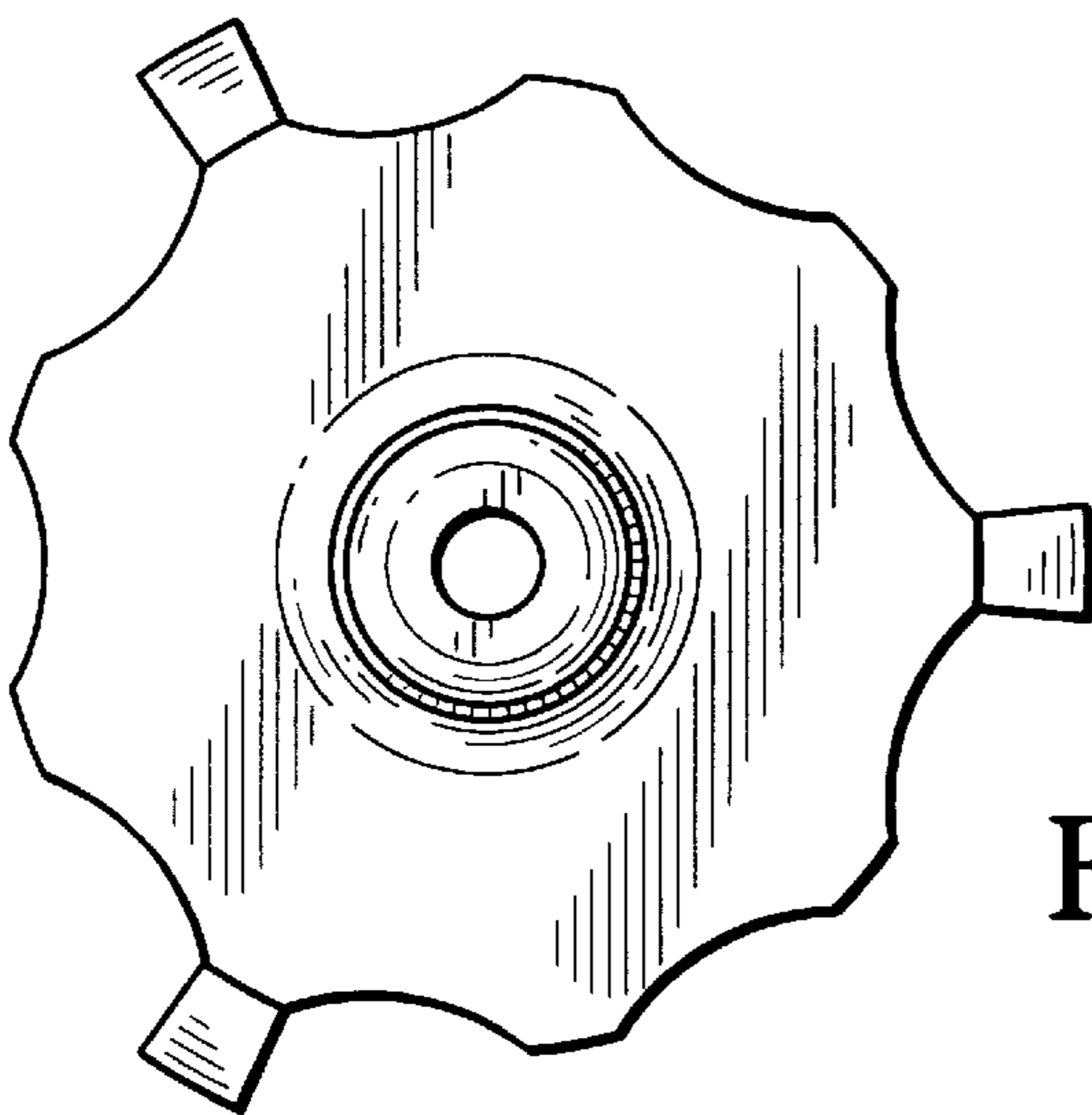


FIG. 10

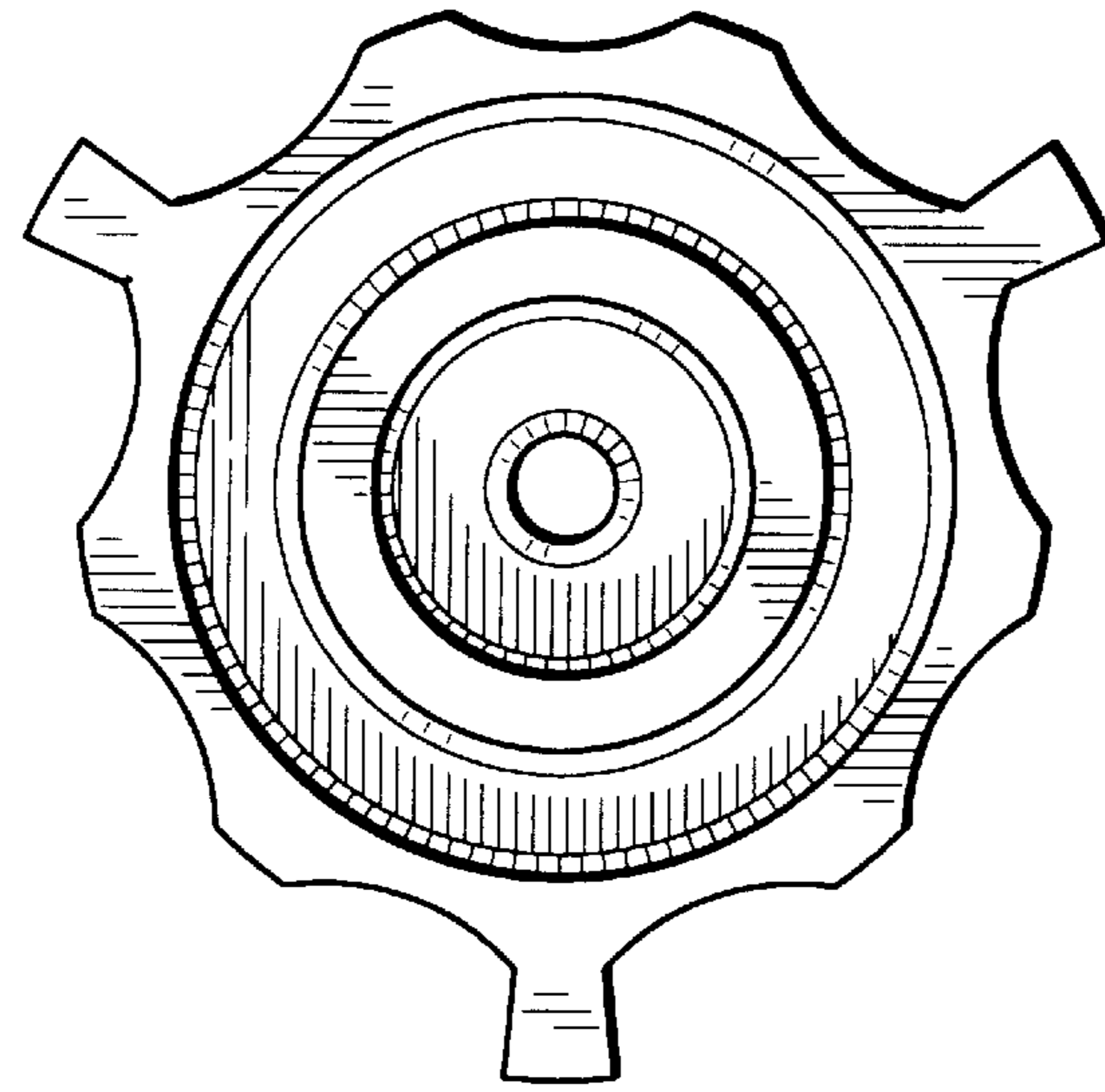


FIG. 12

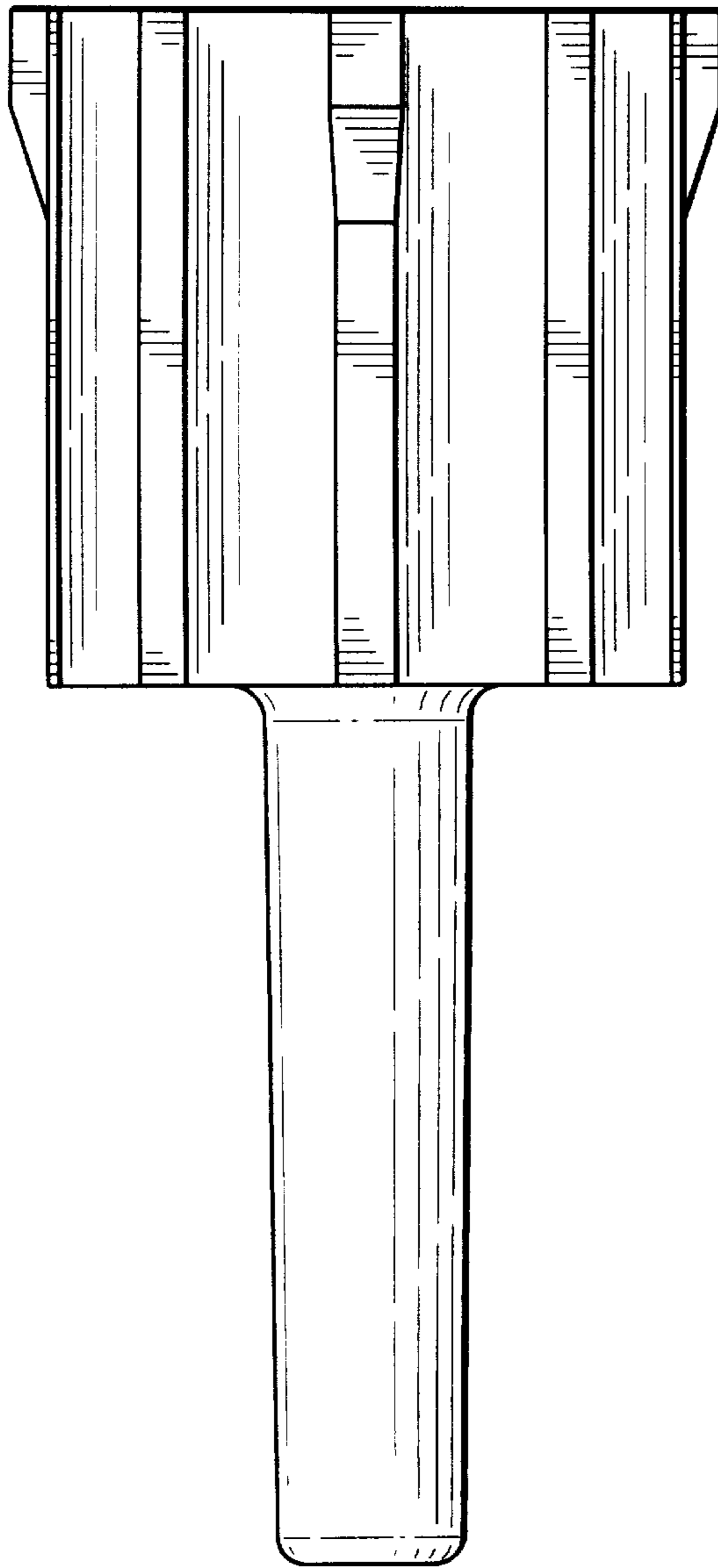


FIG. 11