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United States Design Patent

Yao et al.

(10)

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(54)

PCR TUBE ASSEMBLY

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(71)

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(72)

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(73)

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Primary Examiner — Omeed Agilee

(**)

Term: 15 Years

(74)

Attorney, Agent, or Firm — NKL Law; Allen Xue

(21)

Appl. No.: 29/835,271

(57)

CLAIM

We claim the ornamental design for a PCR tube assembly, as shown and described.

(30) Foreign Application Priority Data

Oct. 18, 2021

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Dec. 31, 2021

(CN)

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202130881593.8

(51)

LOC (14) Cl.

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24-02

(52)

U.S. Cl.

USPC

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D24/114

(58)

Field of Classification Search

USPC

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D24/107, 114, 121–124, 216–217, 219, 224/223–227, 229–232; D9/504, 516, D9/519, 529, 549, 574, 715, 719; D3/201, 203.1, 203.2

CPC

... B29C 65/665; A61B 10/0045; A61B 5/154; A61J 1/1468; B01L 3/50825; B01L 3/5029; B01L 3/508; B01L 3/5082; B65D 41/04

See application file for complete search history.

DESCRIPTION

FIG. 1 is a perspective view of a PCR tube assembly, showing our new design;
FIG. 2 is a front elevation view thereof, the rear elevation view being identical to FIG. 2;
FIG. 3 is a left side elevation view thereof, the right side elevation view being identical to FIG. 3;
FIG. 4 is a top plan view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a perspective view of a stopper portion of the PCR tube assembly;
FIG. 7 is a front elevation view thereof, the rear elevation view being identical to FIG. 7;
FIG. 8 is a left side elevation view thereof, the right side elevation view being identical to FIG. 8;
FIG. 9 is a top plan view thereof;
FIG. 10 is a bottom plan view thereof;
FIG. 11 is a perspective view of a tube portion of the PCR tube assembly;
FIG. 12 is a front elevation view thereof, the rear, left side, and right side elevation views being identical to FIG. 12;
FIG. 13 is a top plan view thereof; and
FIG. 14 is a bottom plan view thereof.

1 Claim, 14 Drawing Sheets

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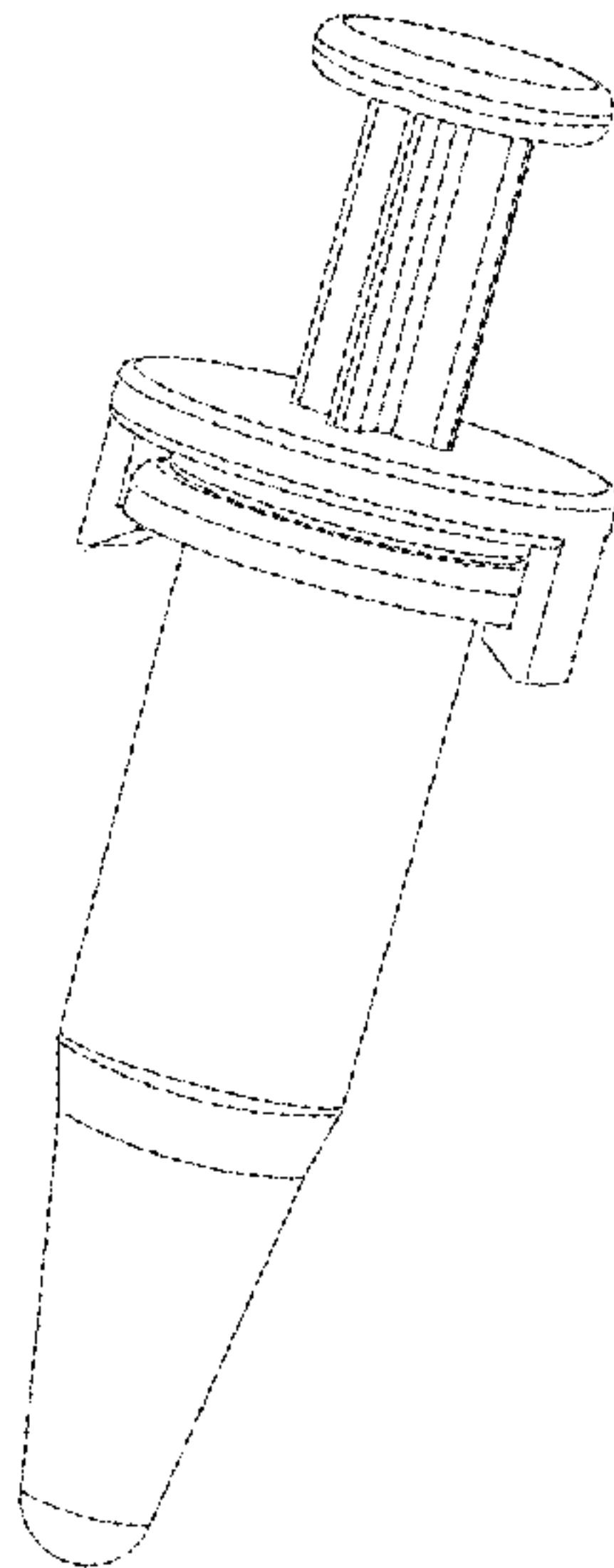
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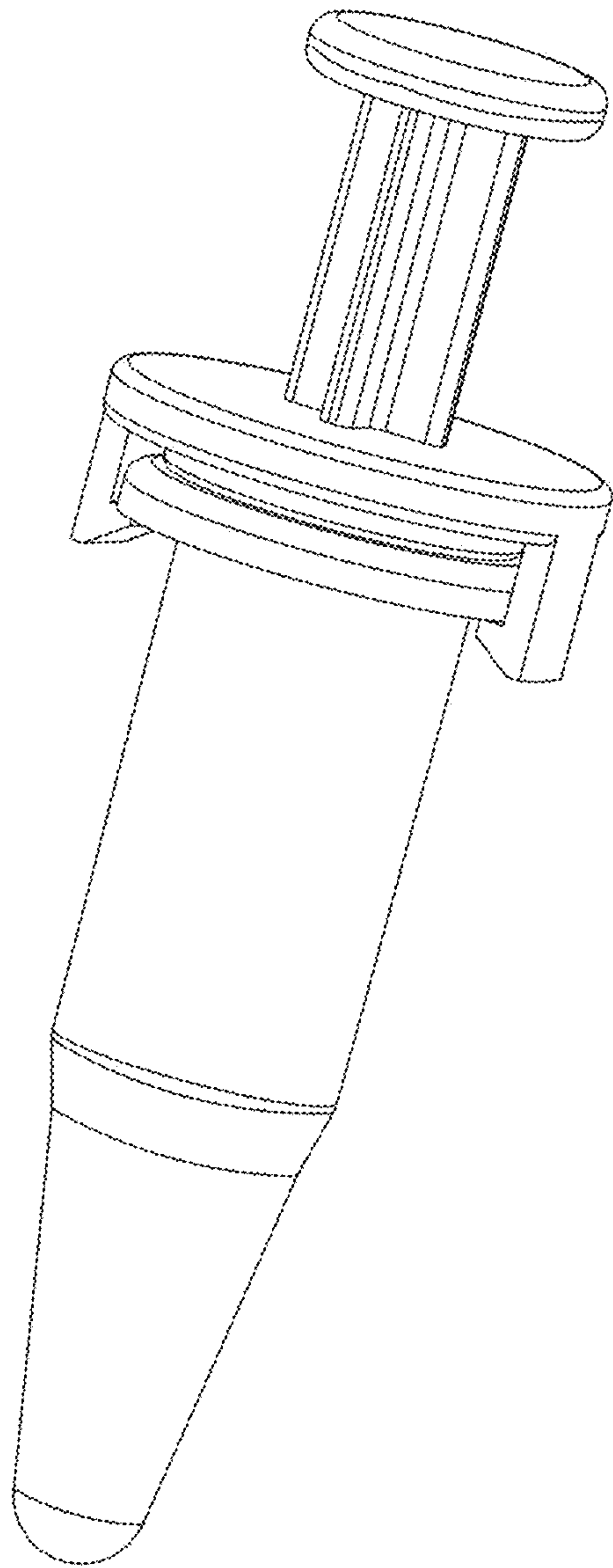


FIG. 1

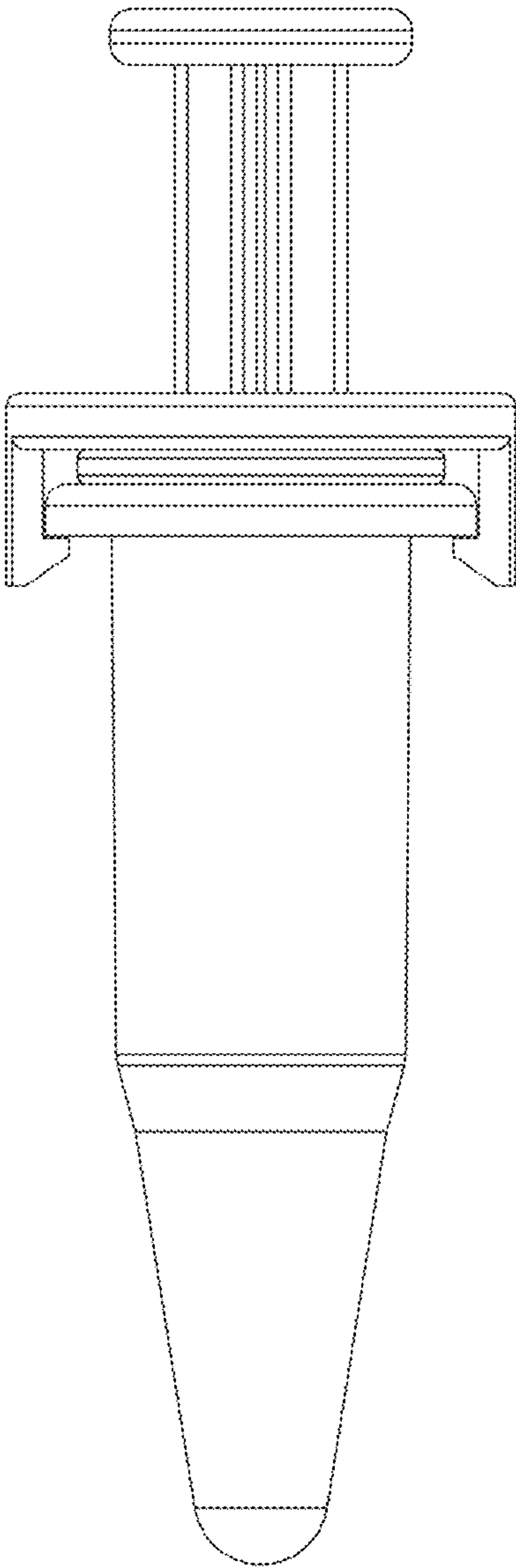


FIG. 2

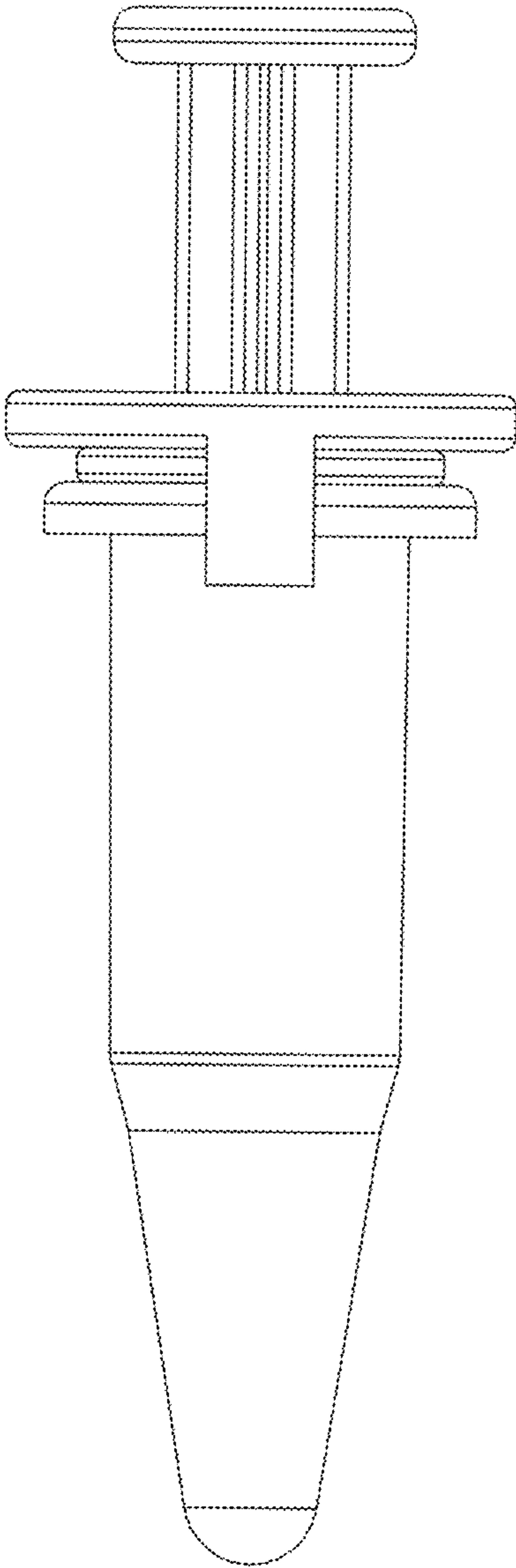


FIG. 3

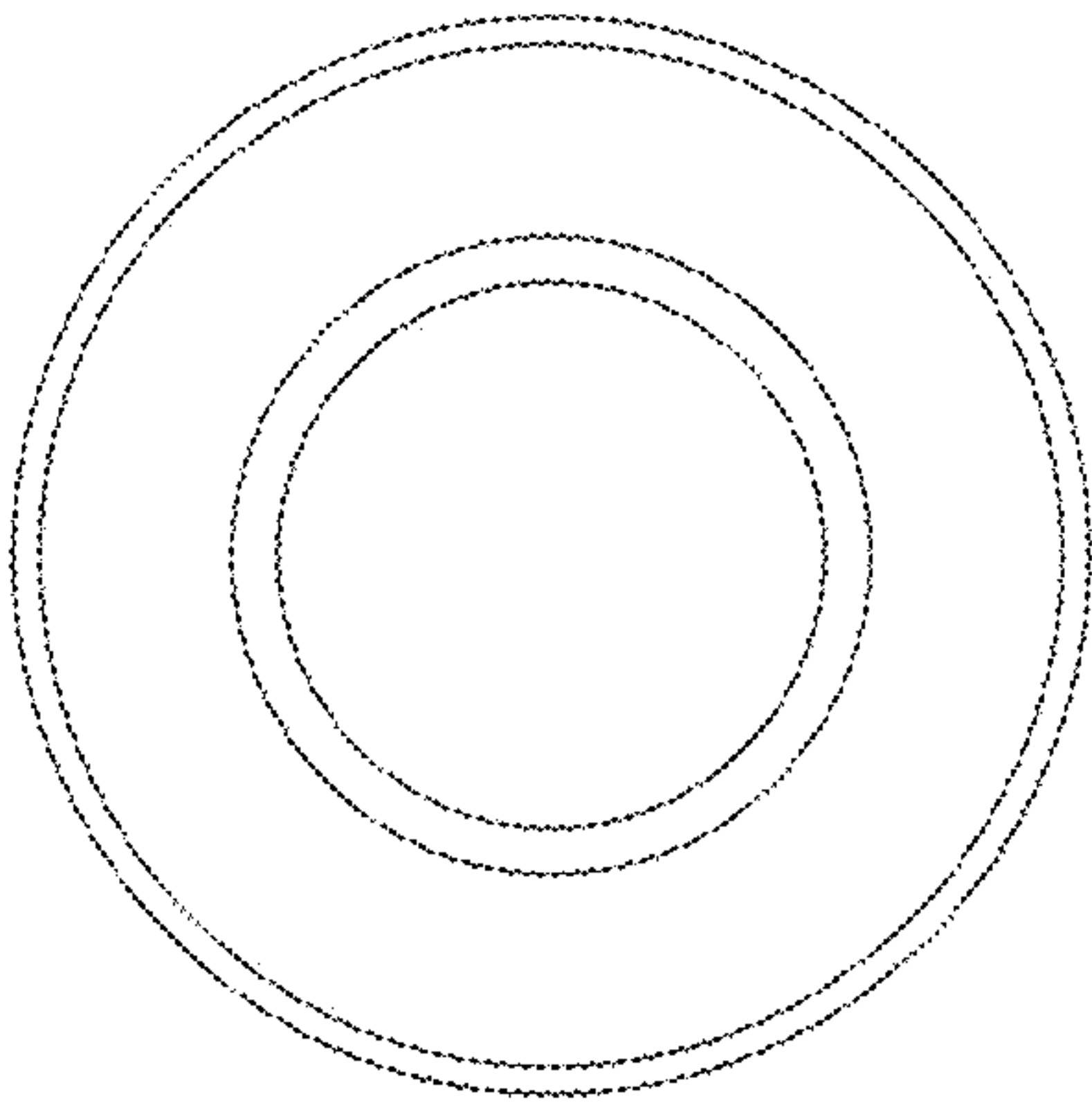


FIG. 4

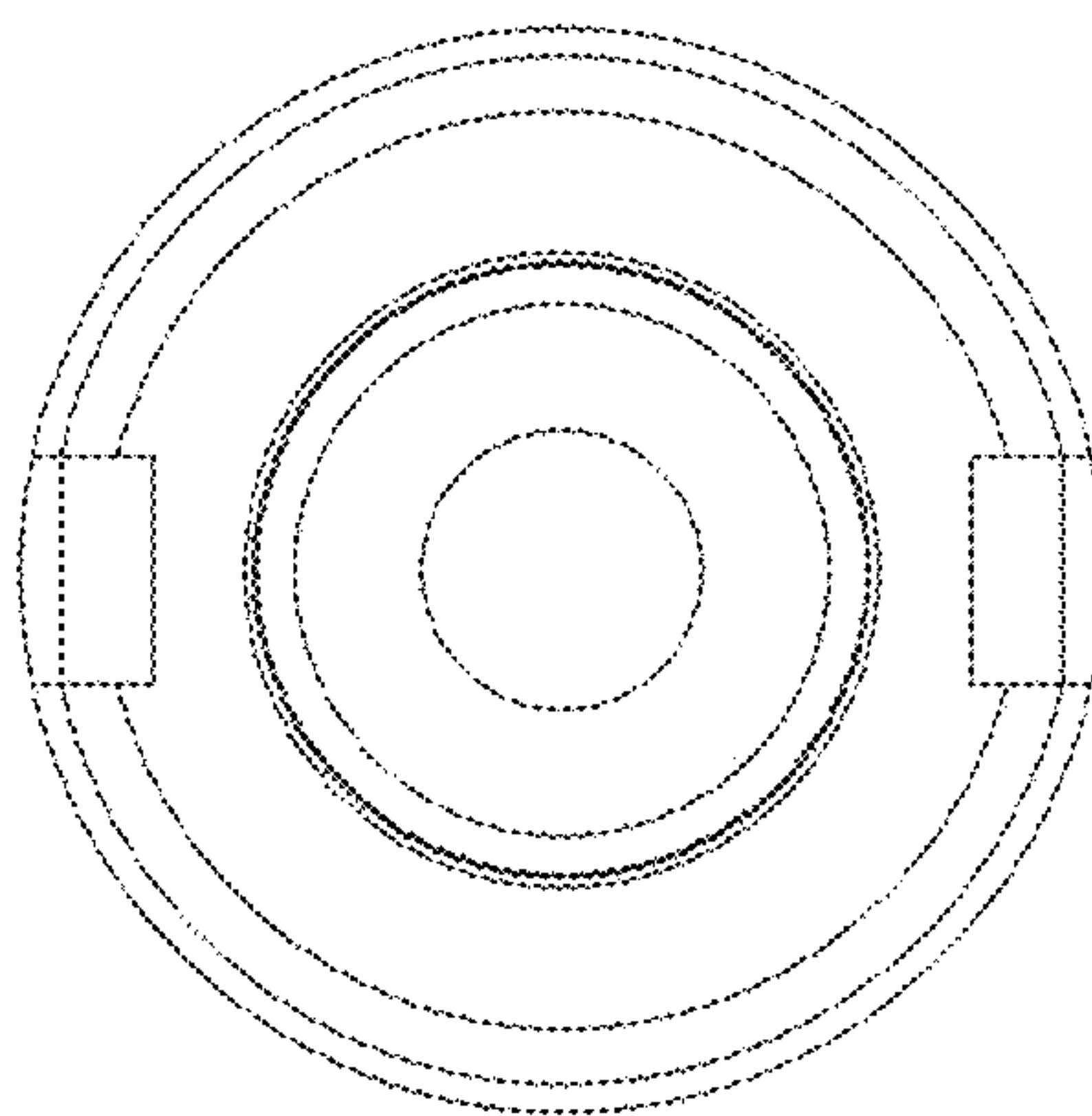


FIG. 5

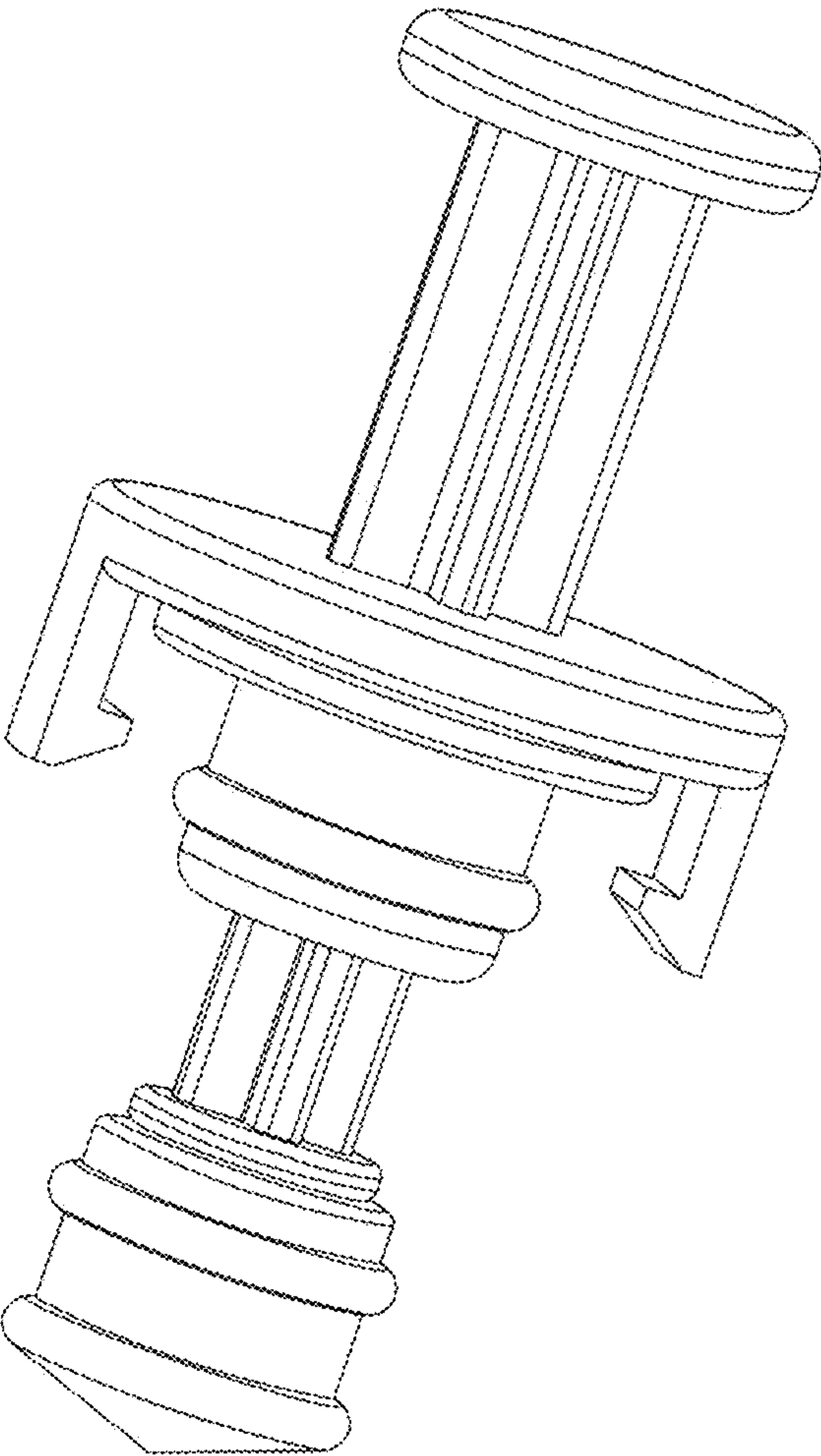


FIG. 6

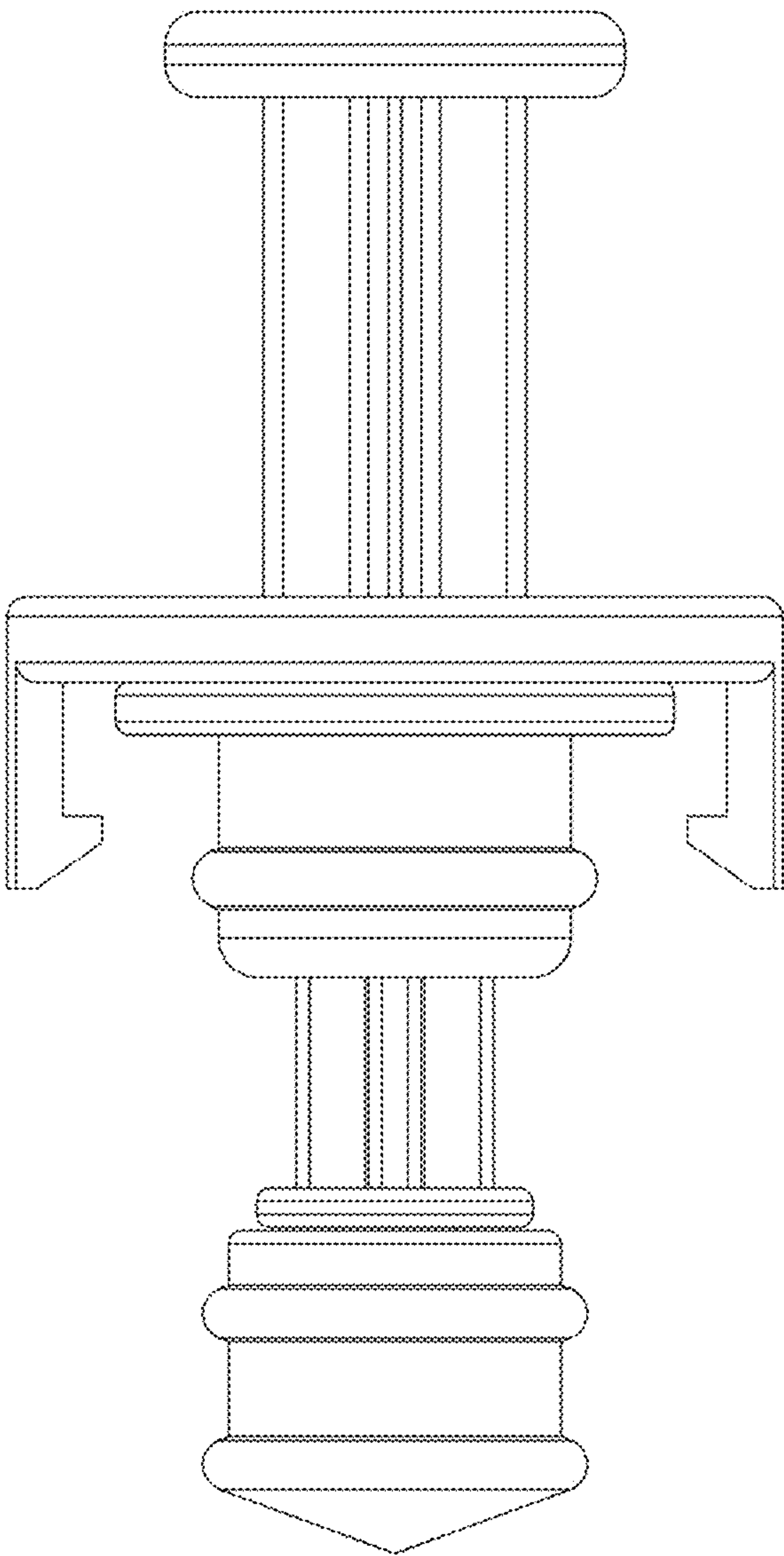


FIG. 7

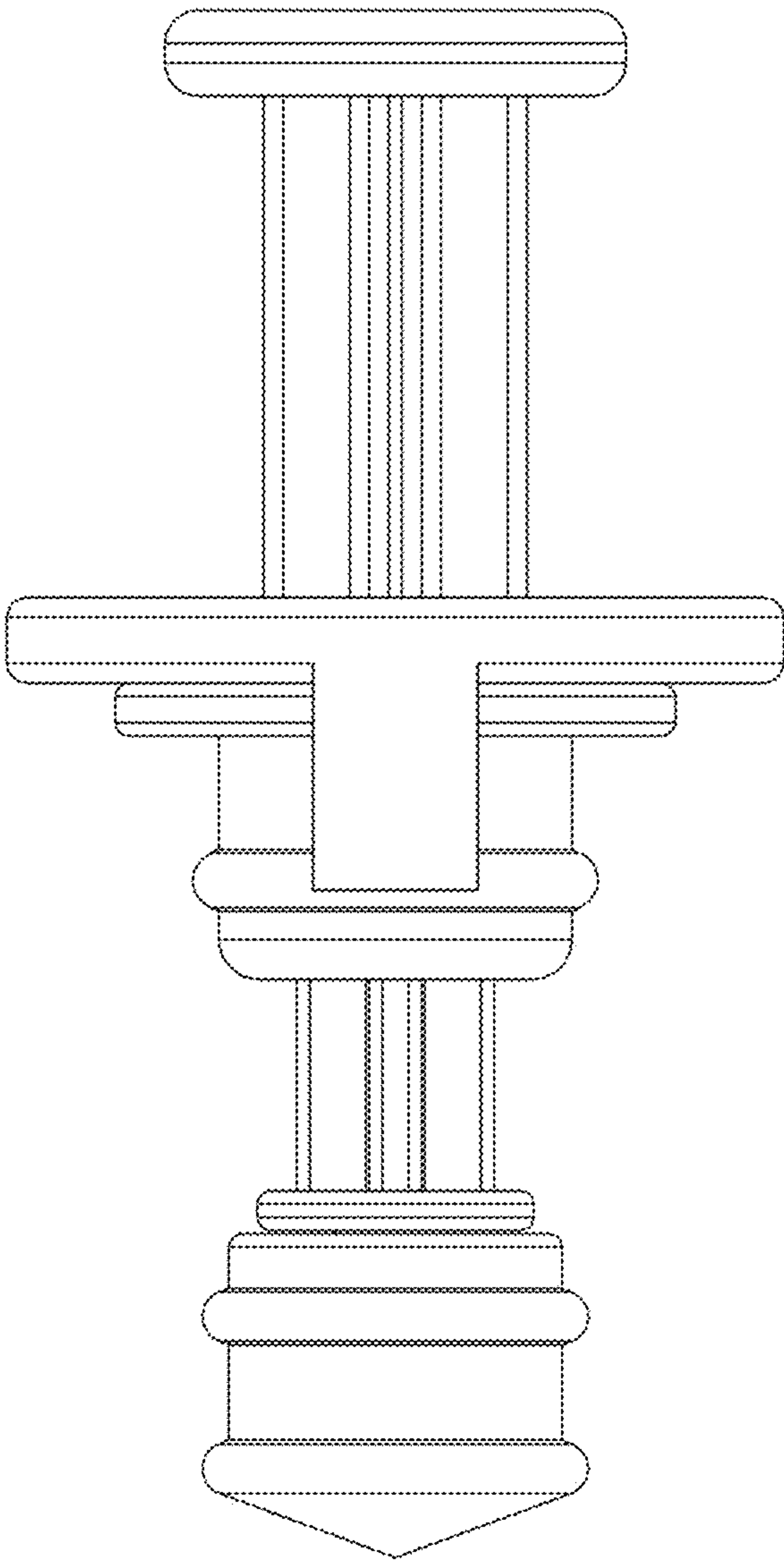


FIG. 8

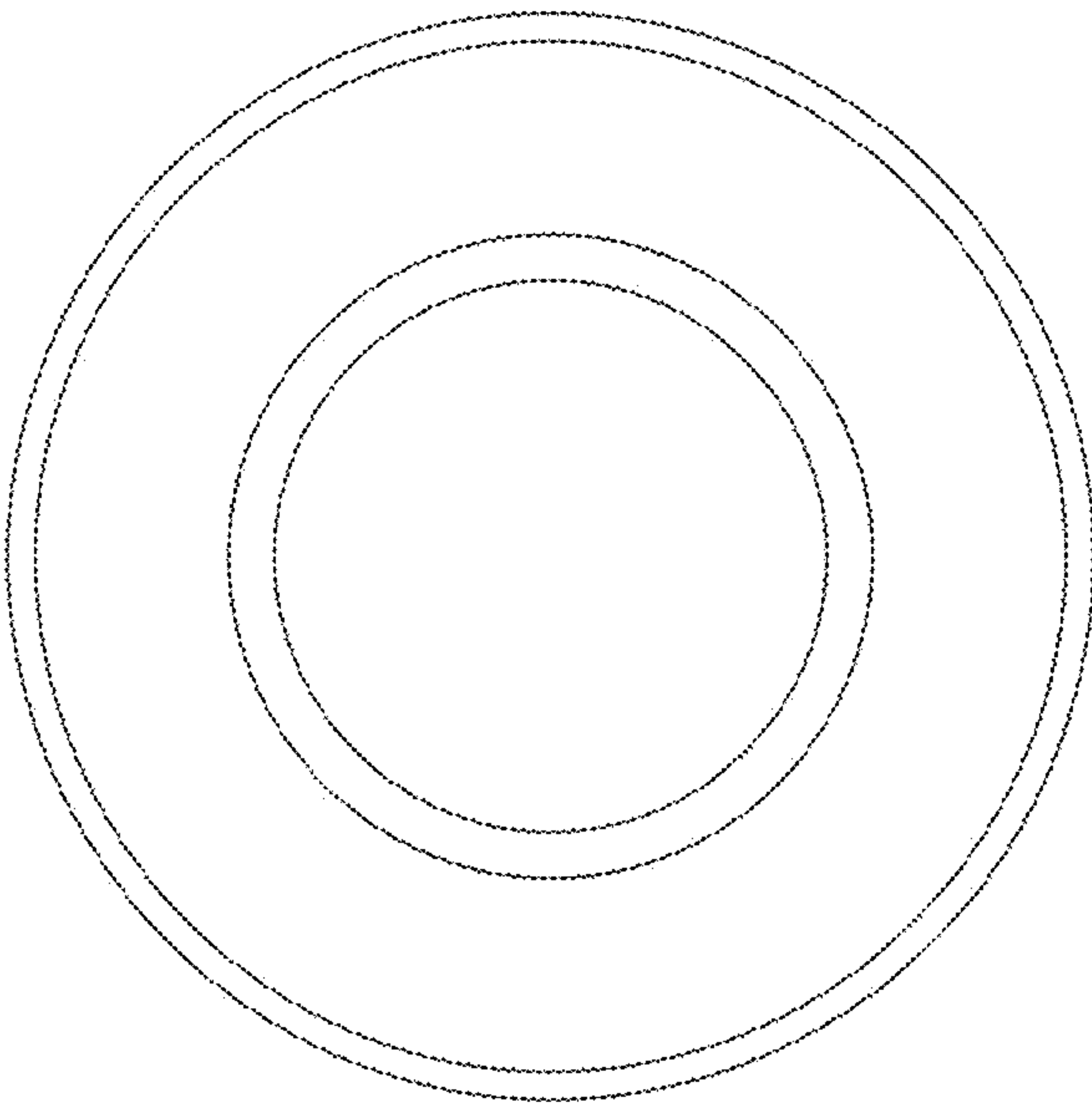


FIG. 9

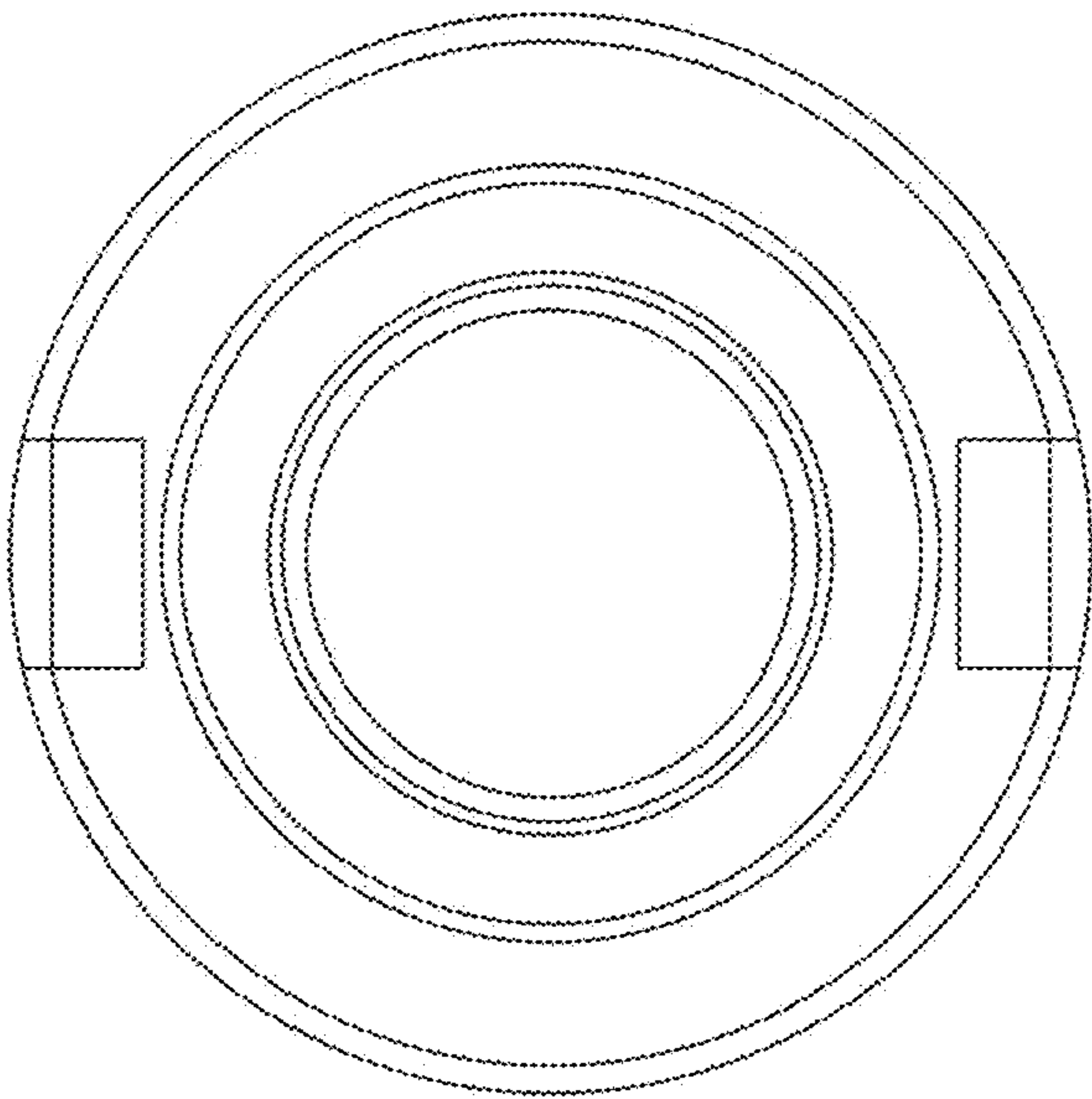


FIG. 10

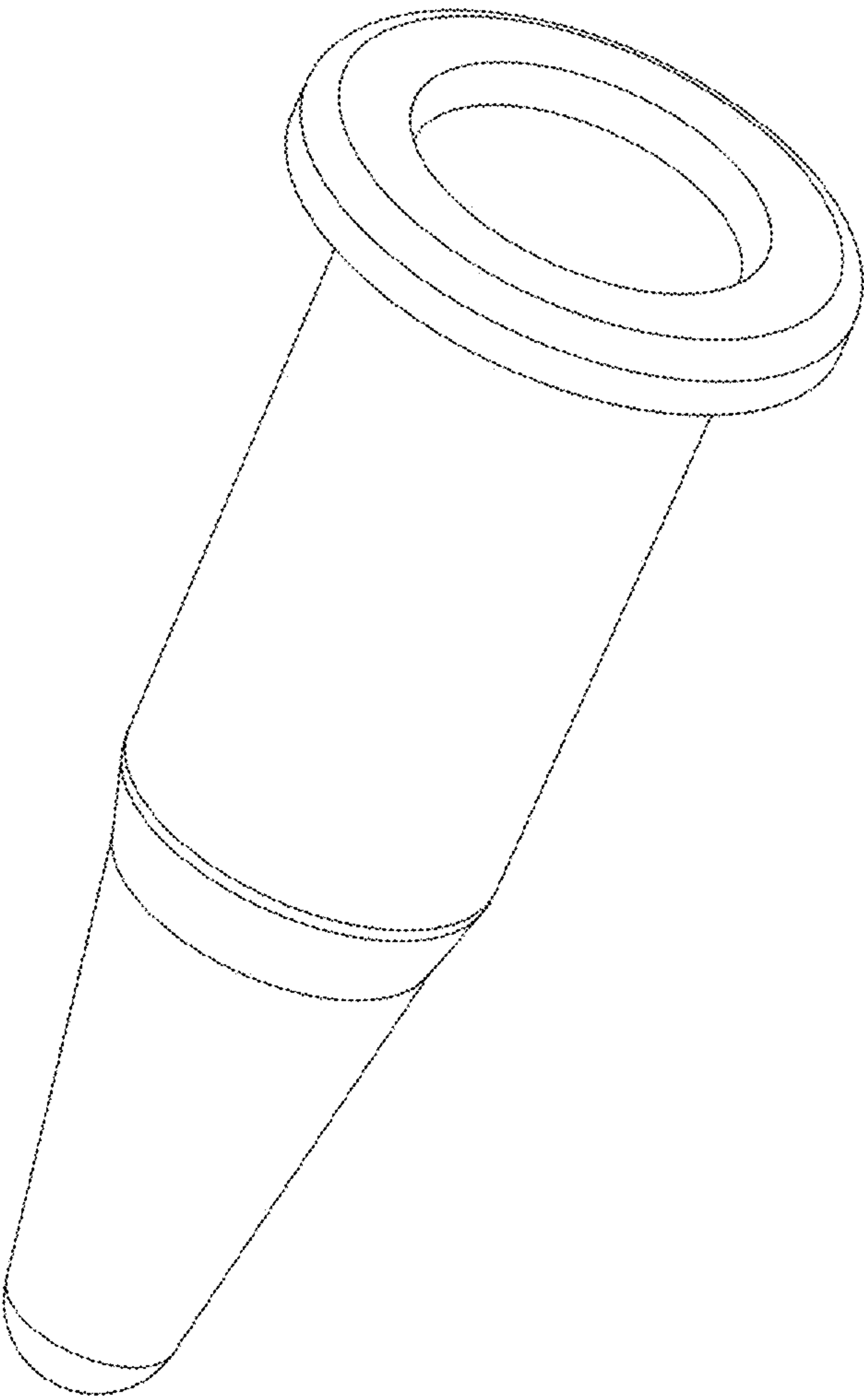


FIG. 11

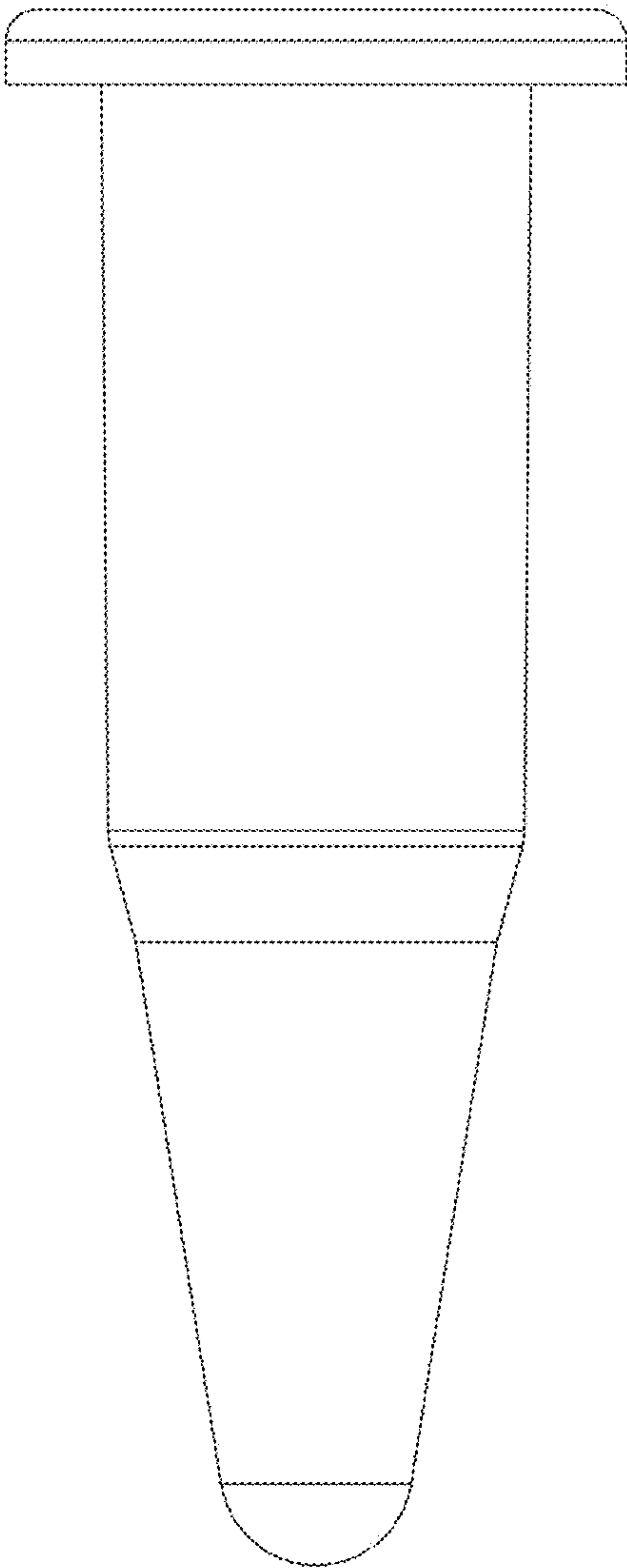


FIG. 12

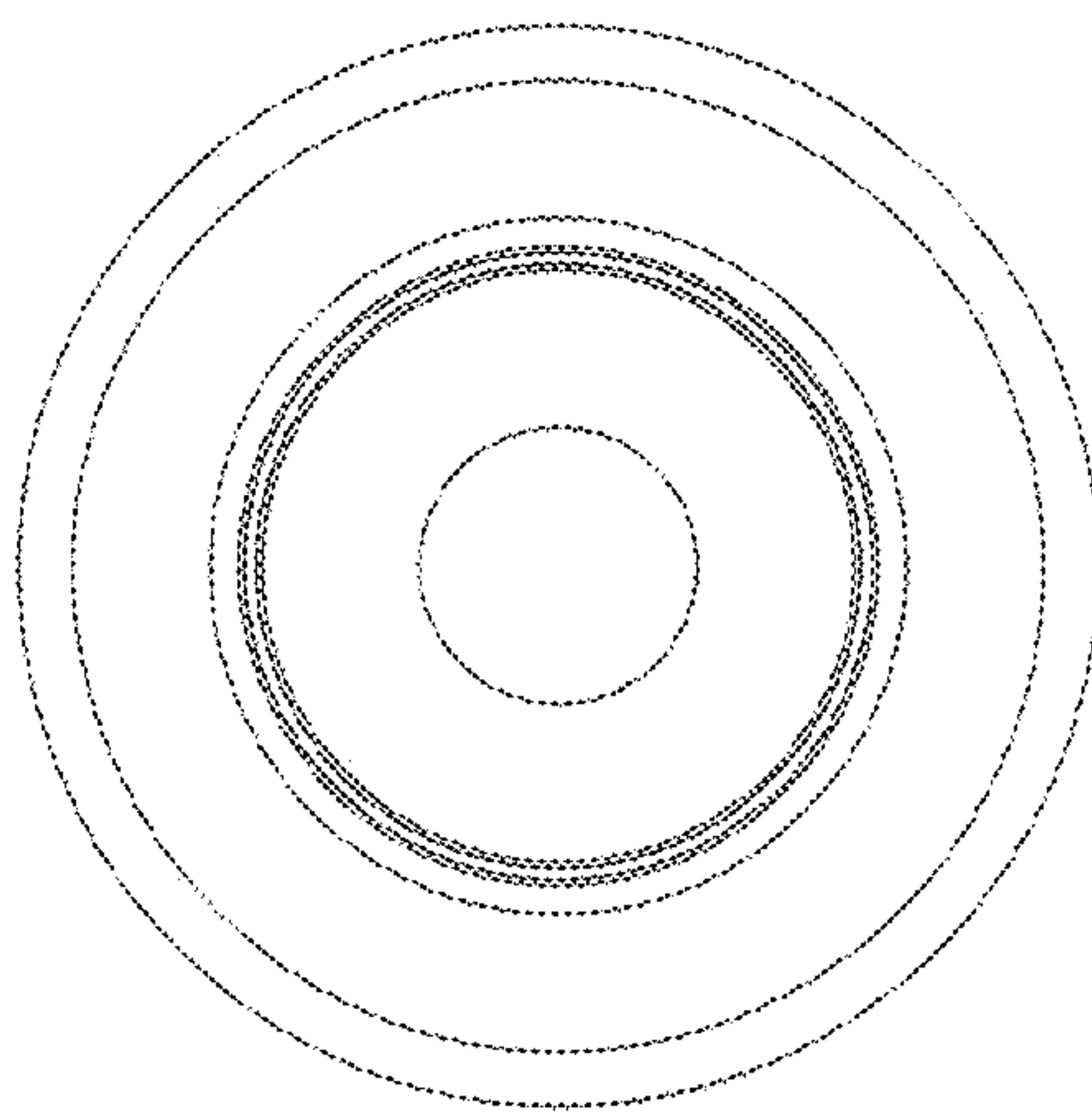


FIG. 13

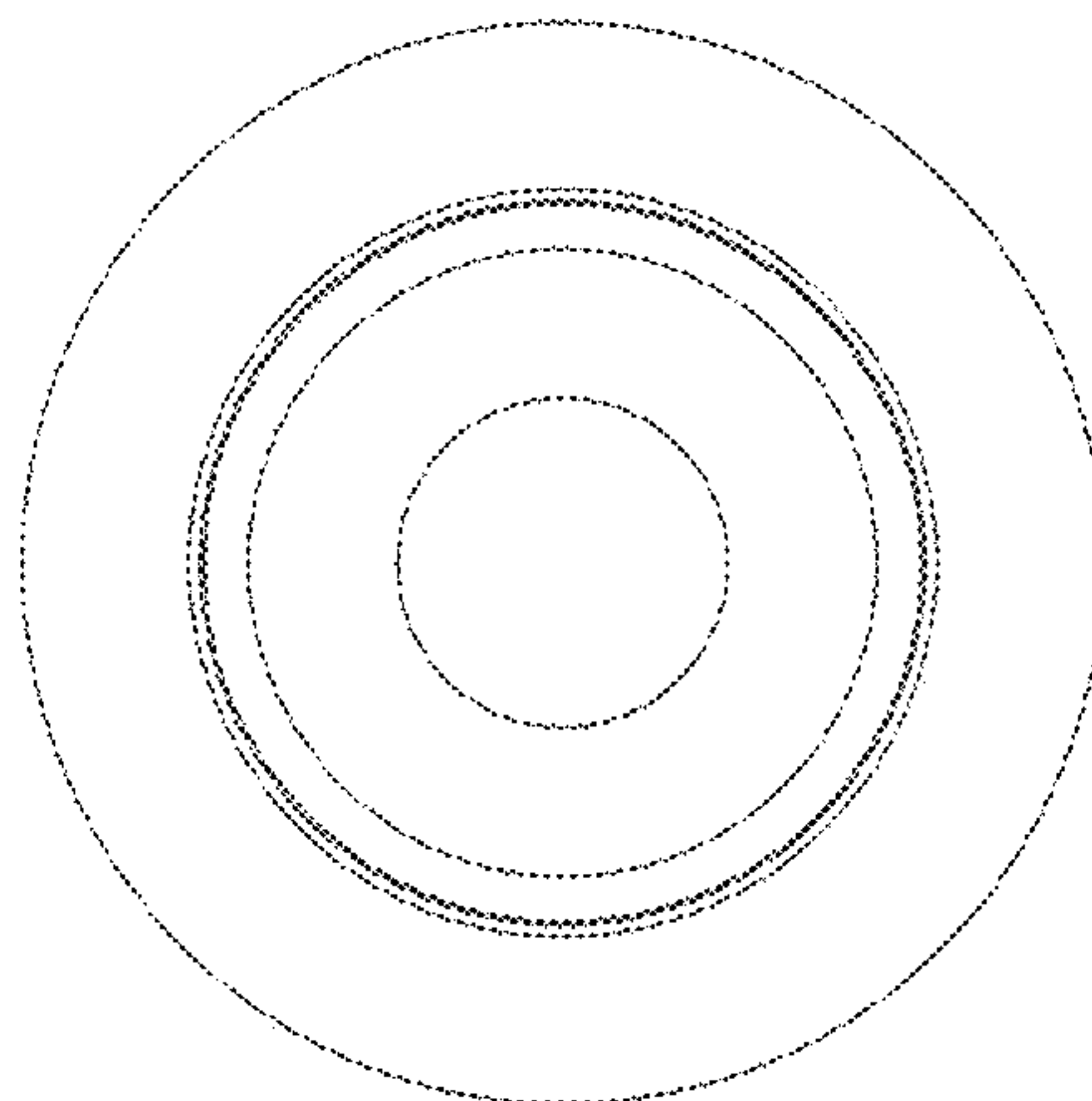


FIG. 14