



US00D980970S

(12) **United States Design Patent**  
**Virk et al.**

(10) **Patent No.:** **US D980,970 S**  
(45) **Date of Patent:** **\*\* Mar. 14, 2023**

(54) **SURGICAL CANNULA MEDICAL DEVICE**

(74) *Attorney, Agent, or Firm* — Kim IP Law Group LLC

(71) Applicant: **New York Society for the Relief of the Ruptured and Crippled, maintaining the Hospital for Special Surgery**, New York, NY (US)

(57) **CLAIM**

The ornamental design for a surgical cannula medical device, as shown and described.

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**DESCRIPTION**

(73) Assignee: **New York Society for the Relief of the Ruptured and Crippled, maintaining the Hospital for Special Surgery**, New York, NY (US)

FIG. 1 is a front perspective view of a surgical cannula medical device in accordance with the new design; FIG. 2 is right side elevational view of the surgical cannula medical device of FIG. 1;

(\*\*) Term: **15 Years**

FIG. 3 is a left side elevational view of the surgical cannula medical device of FIG. 1;

(21) Appl. No.: **29/788,316**

FIG. 4 is a front elevational view of the surgical cannula medical device of FIG. 1;

(22) Filed: **Apr. 30, 2021**

FIG. 5 is a rear elevational view of the surgical cannula medical device of FIG. 1;

(51) **LOC (14) Cl.** ..... **24-02**

FIG. 6 is a top plan view of the surgical cannula medical device of FIG. 1;

(52) **U.S. Cl.**

FIG. 7 is a bottom plan view of the surgical cannula medical device of FIG. 1;

USPC ..... **D24/112**

FIG. 8 is a front perspective view of a surgical cannula medical device in accordance with a second embodiment of the new design;

(58) **Field of Classification Search**

USPC ..... D24/112–114, 133, 127–131, 140, 146, D24/186, 108; D23/262, 263, 266

FIG. 9 is right side elevational view of the surgical cannula medical device of FIG. 8;

(Continued)

FIG. 10 is a left side elevational view of the surgical cannula medical device of FIG. 8;

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604/95.04  
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604/523

FIG. 11 is a front elevational view of the surgical cannula medical device of FIG. 8;

(Continued)

FIG. 12 is a rear elevational view of the surgical cannula medical device of FIG. 8;

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Shiley Disp Inner Cannula 6.5mm, 10/Bx, Medtronic, [Post date unknown], [Site seen Nov. 1, 2022], Seen at URL: <https://www.integratedmedsys.com/4ic65> (Year: 2022).\*

FIG. 13 is a top plan view of the surgical cannula medical device of FIG. 8;

(Continued)

FIG. 14 is a bottom plan view of the surgical cannula medical device of FIG. 8;

*Primary Examiner* — Natasha Vujcic

*Assistant Examiner* — Gilbert B Ford

FIG. 15 is a front perspective view of the surgical cannula medical device in accordance with a third embodiment of the new design;

FIG. 16 is right side elevational view of the surgical cannula medical device of FIG. 15;

FIG. 17 is a left side elevational view of the surgical cannula medical device of FIG. 15;

FIG. 18 is a front elevational view of the surgical cannula medical device of FIG. 15;

(Continued)

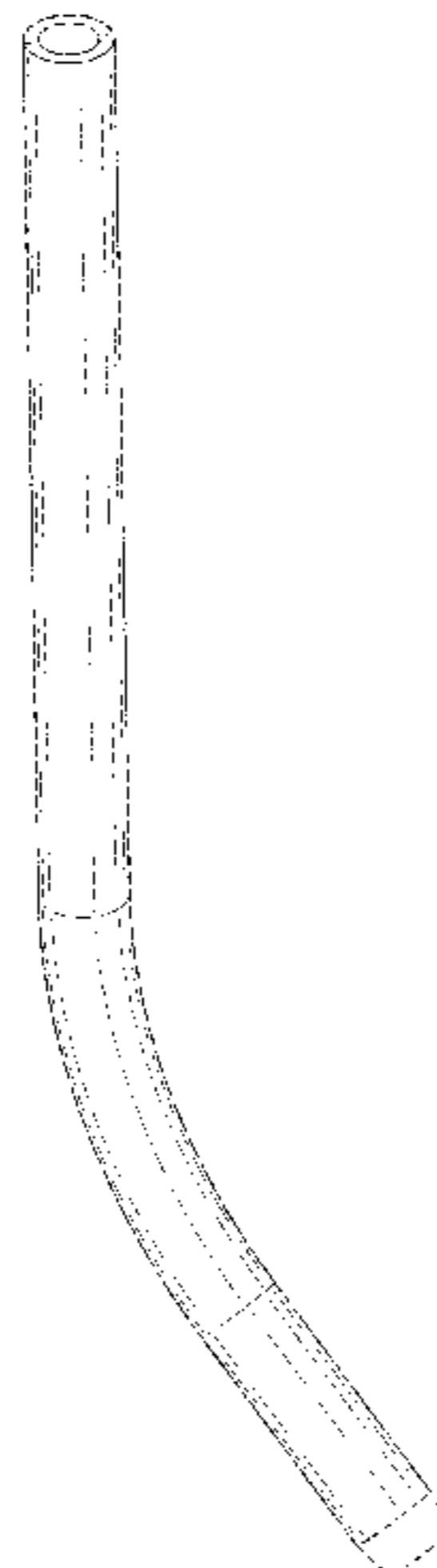


FIG. 19 is a rear elevational view of the surgical cannula medical device of FIG. 15;  
 FIG. 20 is a top plan view of the surgical cannula medical device of FIG. 15;  
 FIG. 21 is a bottom plan view of the surgical cannula medical device of FIG. 15;  
 FIG. 22 is a front perspective view of a surgical cannula medical device in accordance with a fourth embodiment of the new design;  
 FIG. 23 is right side elevational view of the surgical cannula medical device of FIG. 22;  
 FIG. 24 is a left side elevational view of the surgical cannula medical device of FIG. 22;  
 FIG. 25 is a front elevational view of the surgical cannula medical device of FIG. 22;  
 FIG. 26 is a rear elevational view of the surgical cannula medical device of FIG. 22;  
 FIG. 27 is a top plan view of the surgical cannula medical device of FIG. 22; and,  
 FIG. 28 is a bottom plan view of the surgical cannula medical device of FIG. 22.

The even length broken lines in the figures are directed to portions of the cannula that form no part of the claimed design. The dot-dashed lines show unclaimed boundaries and form no part of the claimed design.

**1 Claim, 24 Drawing Sheets**

(58) **Field of Classification Search**

CPC .... A61M 25/0108; A61M 2025/09166; A61M 2025/0095; A61M 25/0102

See application file for complete search history.

(56)

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BT002 : Elbow Pipe Connector, BT002, [Post date: unknown], [Site seen Nov. 1, 2022], Seen at URL: <https://www.nauticalsports.co.za/product/bt002-elbow-pipe-connector-fits-22mm-ali-tube/> (Year: 2022).\*

\* cited by examiner

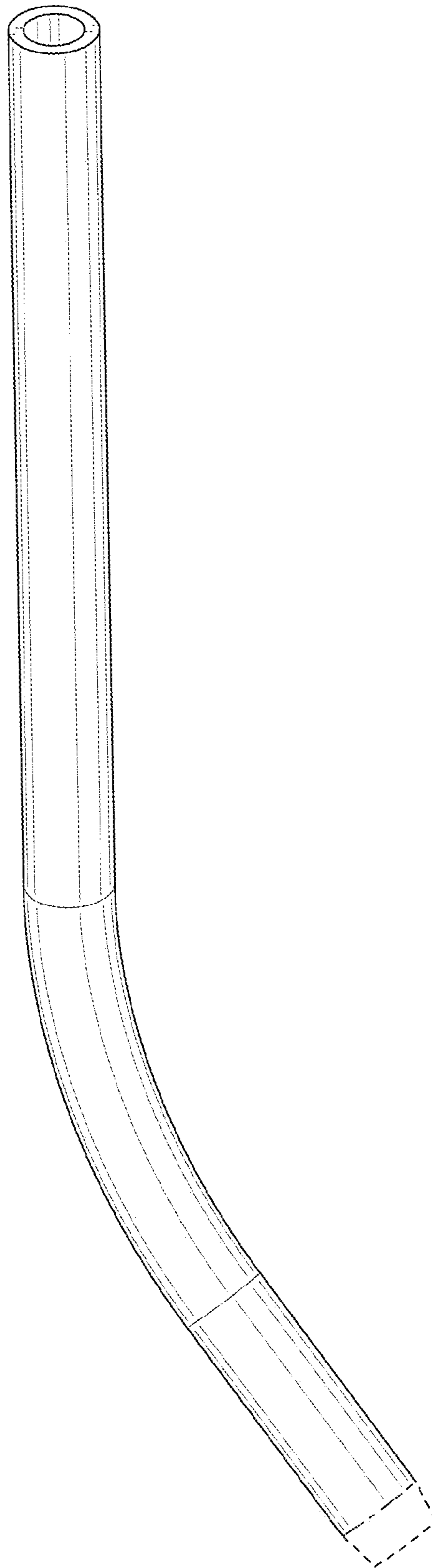


FIG. 1

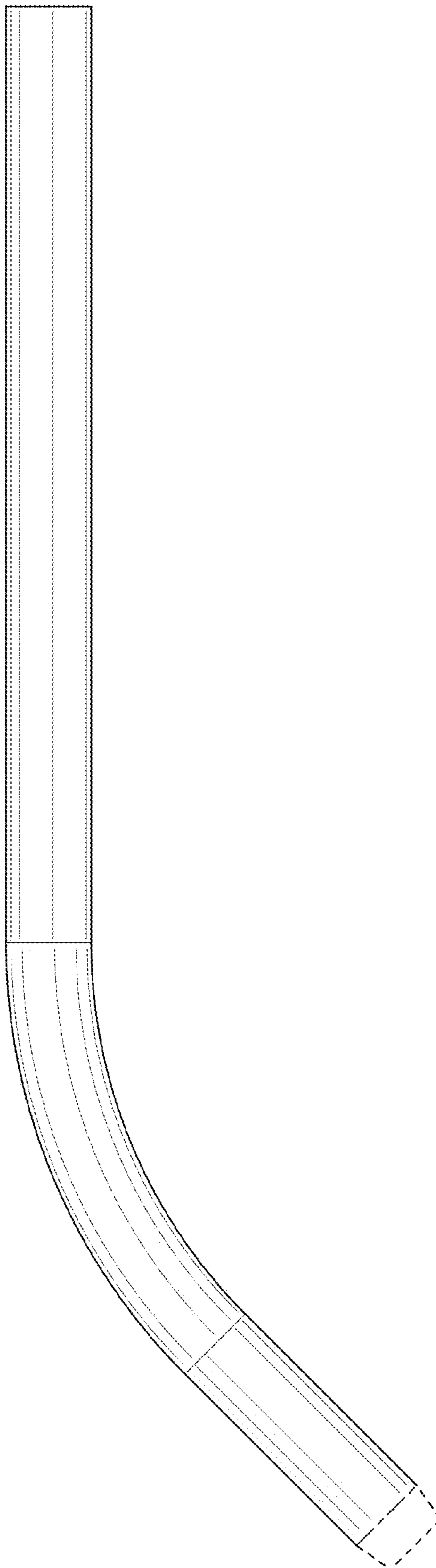


FIG. 2



FIG. 3

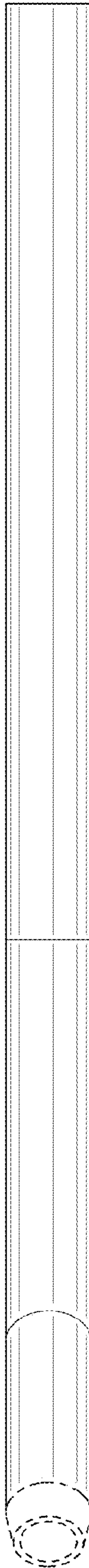


FIG. 4

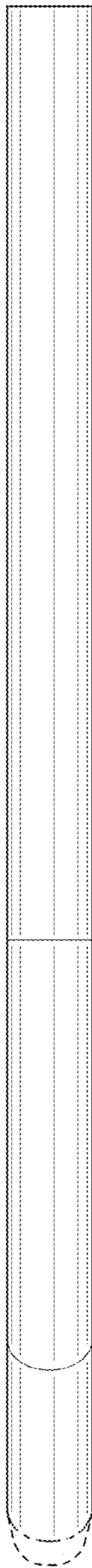


FIG. 5

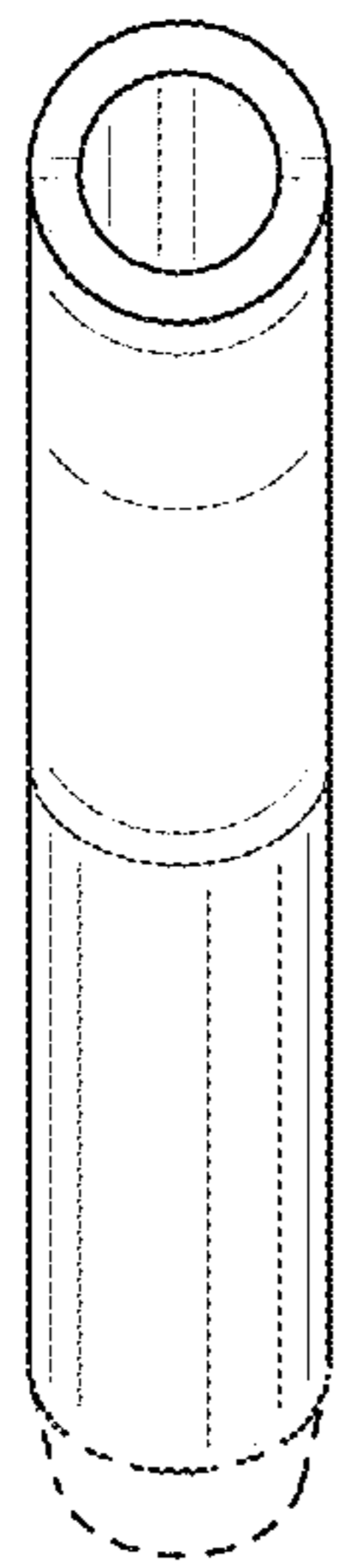


FIG. 6

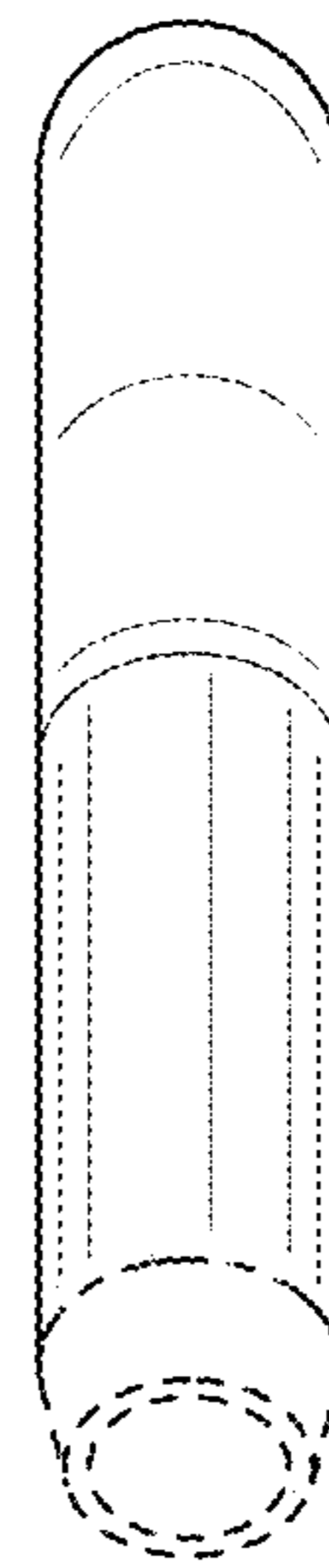


FIG. 7



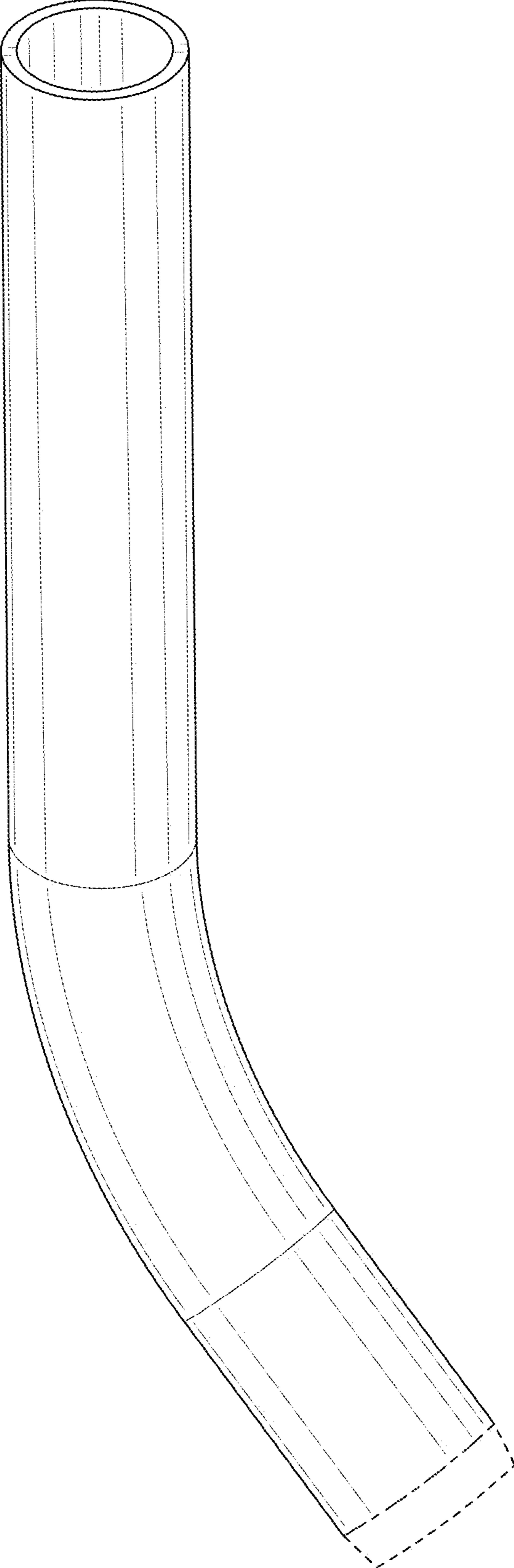


FIG. 8

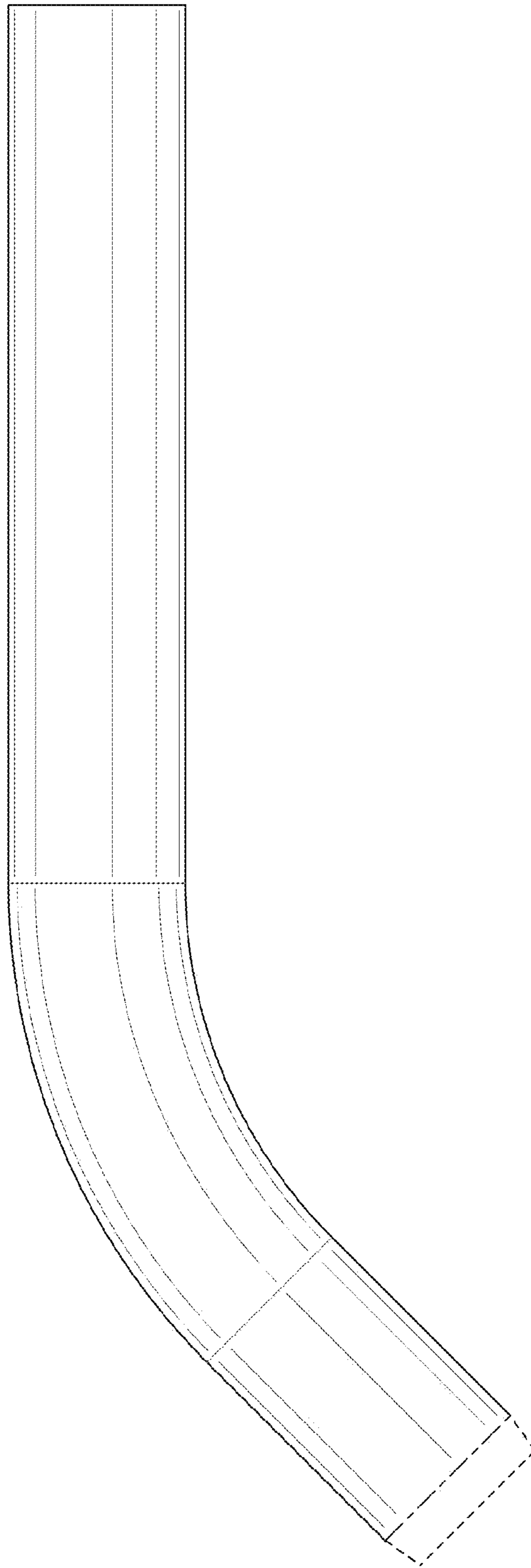


FIG. 9

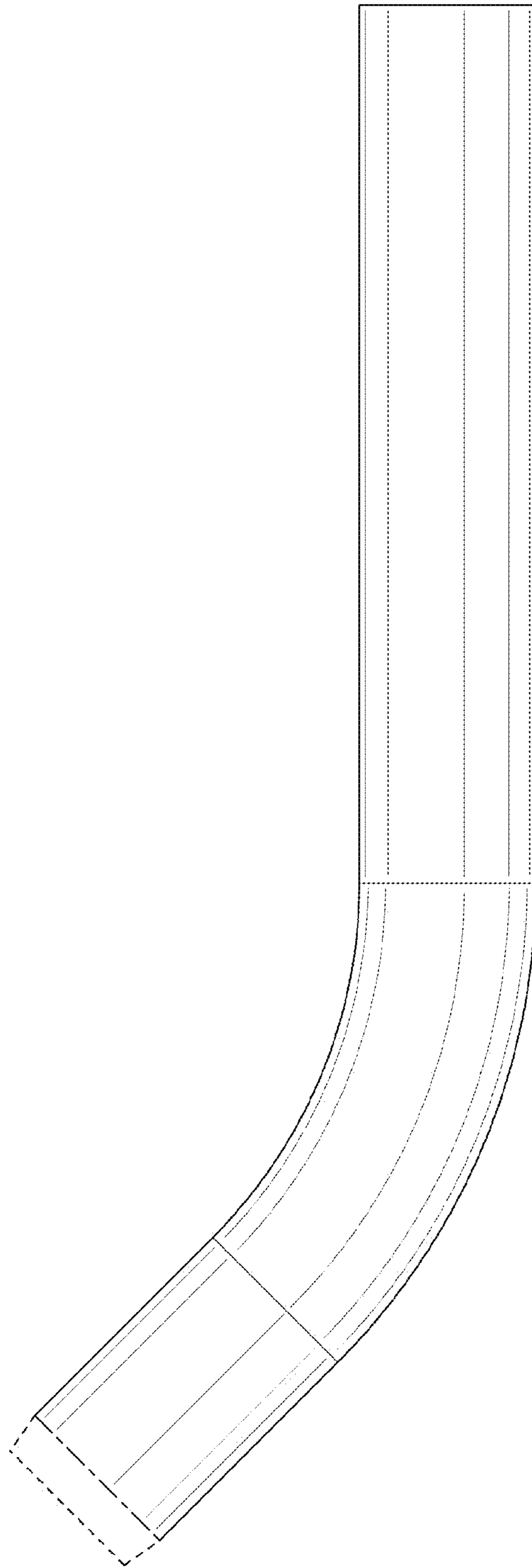


FIG. 10

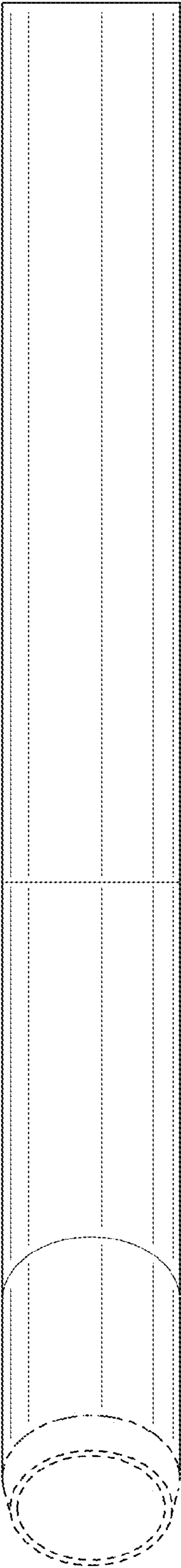


FIG. 11

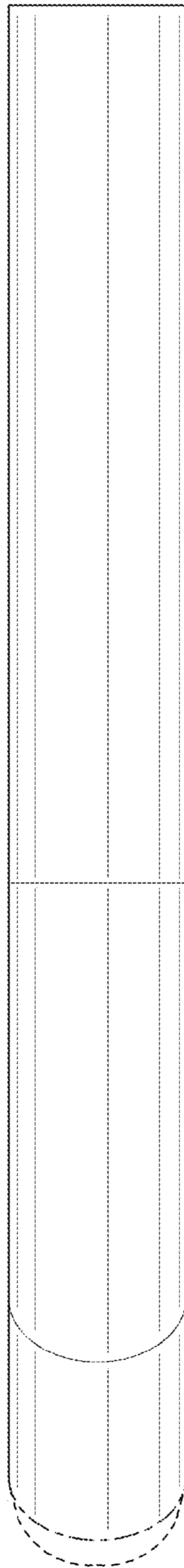


FIG. 12

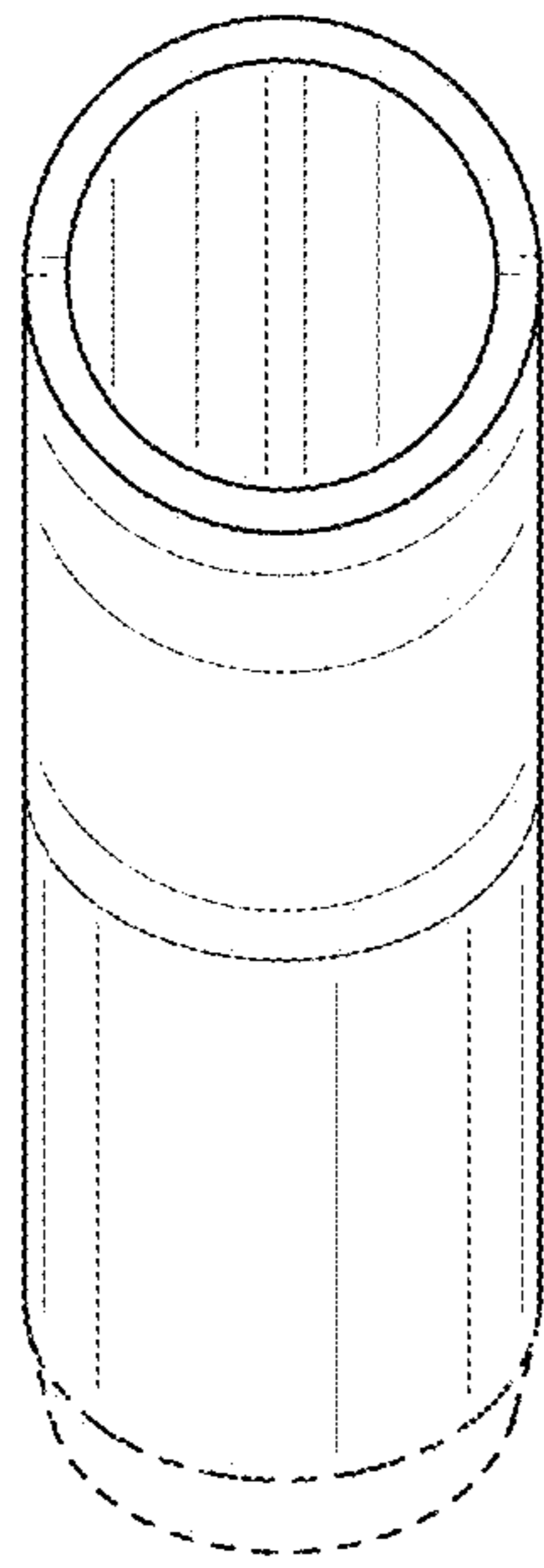


FIG. 13

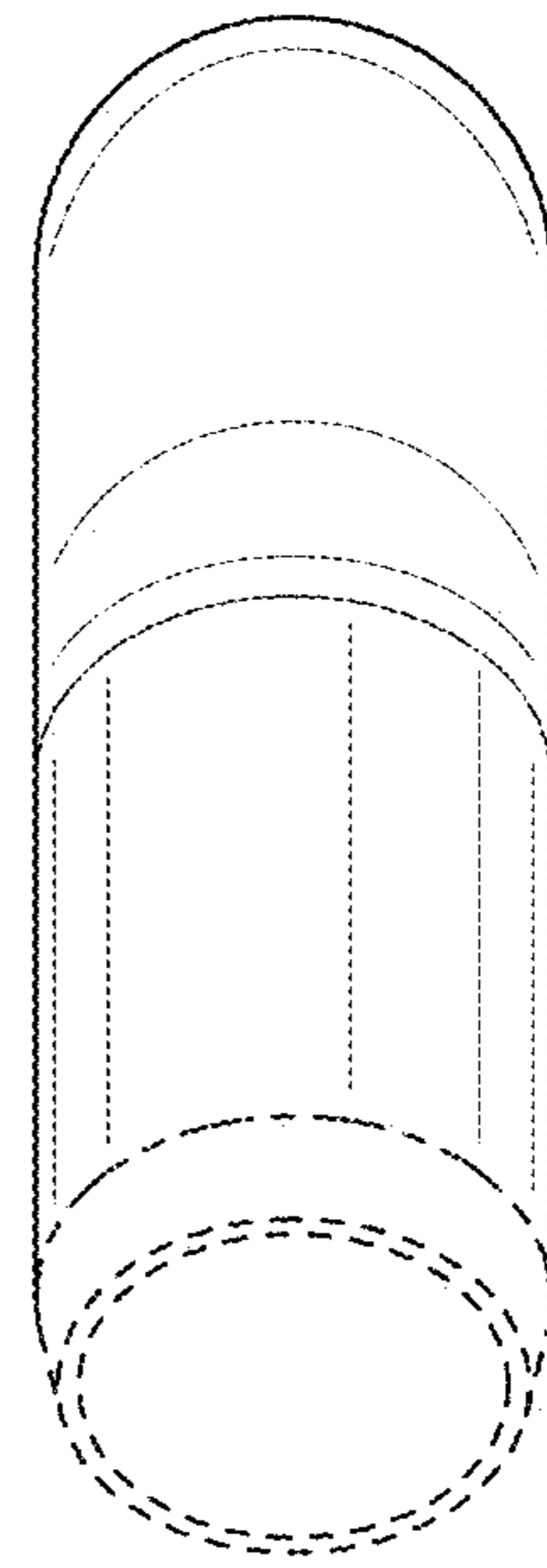


FIG. 14

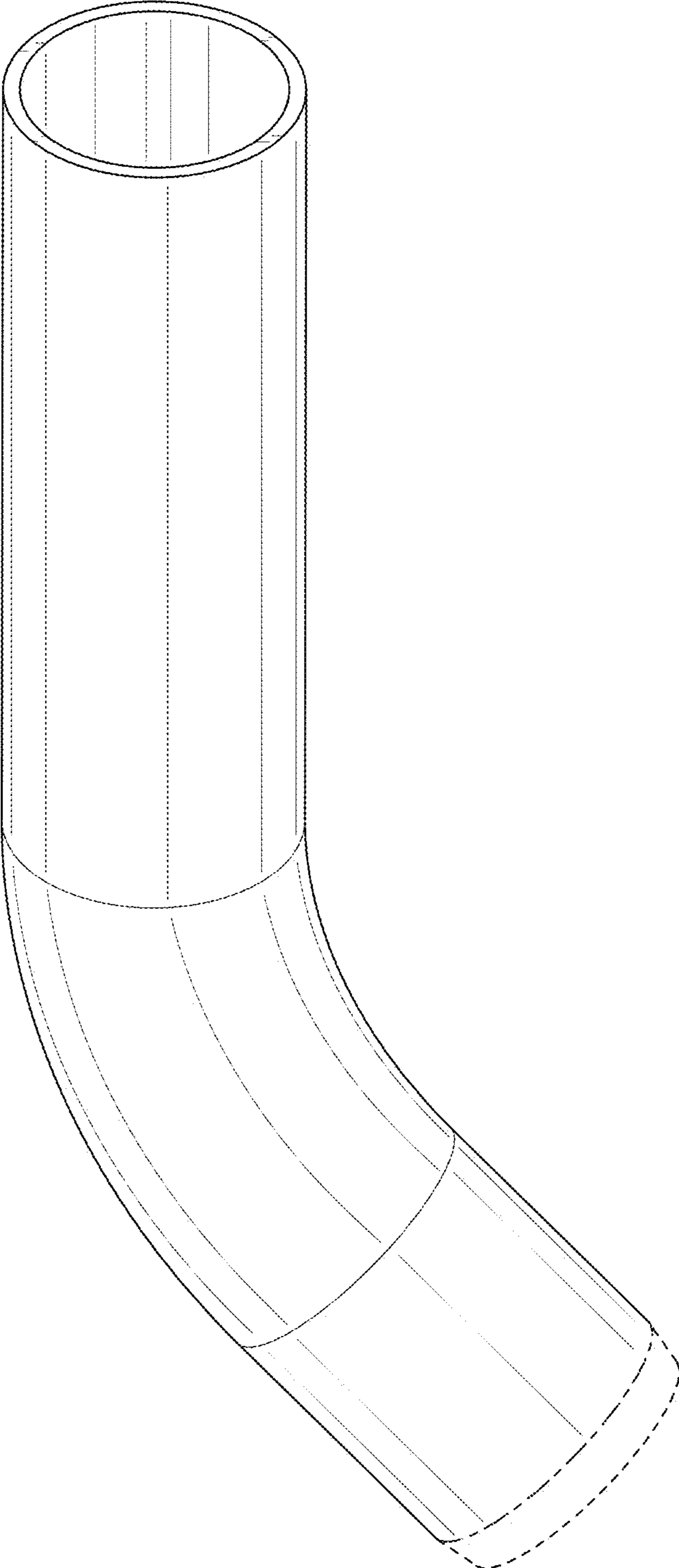


FIG. 15

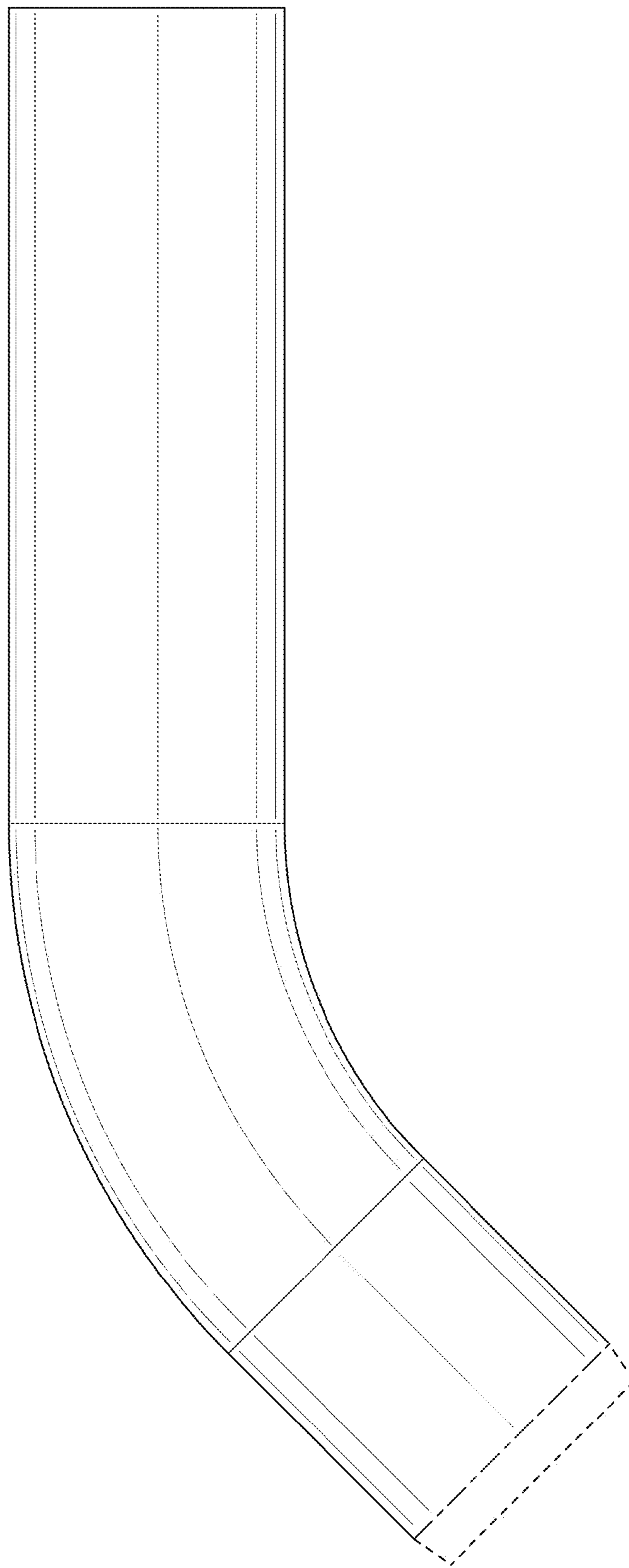


FIG. 16



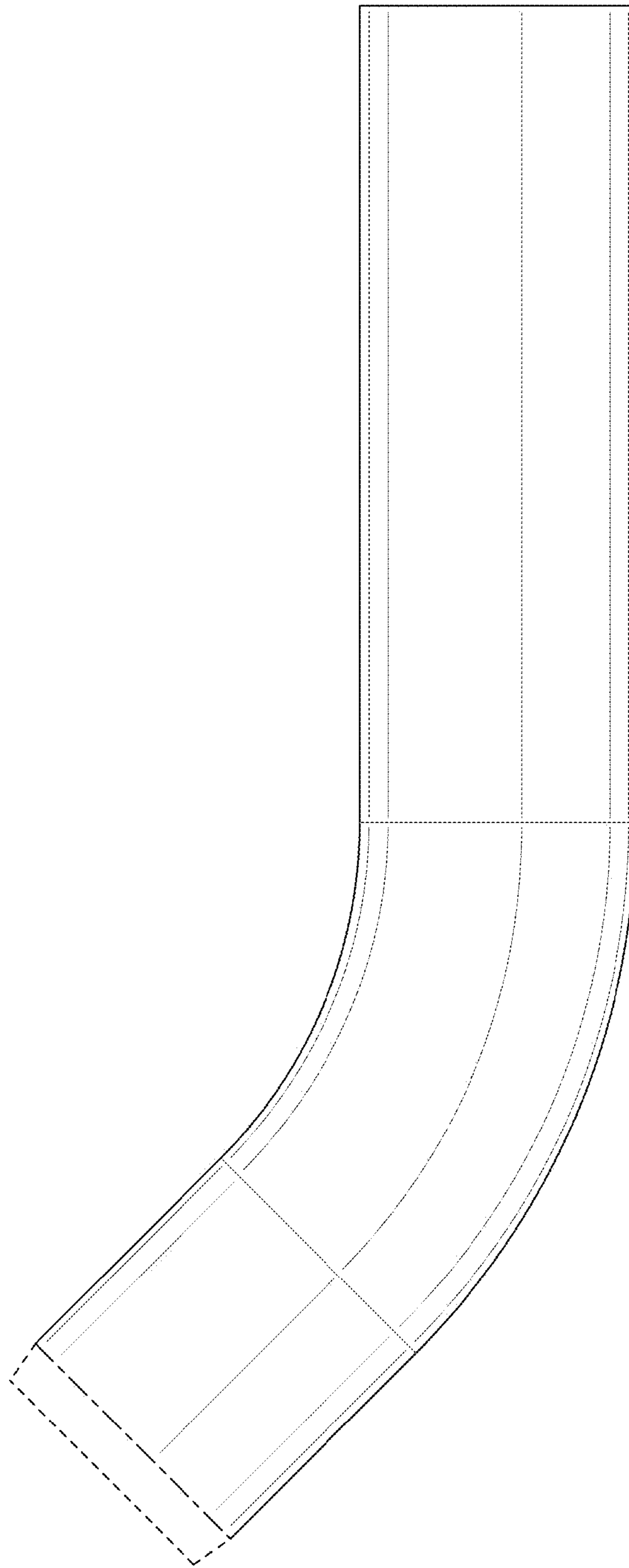


FIG. 17

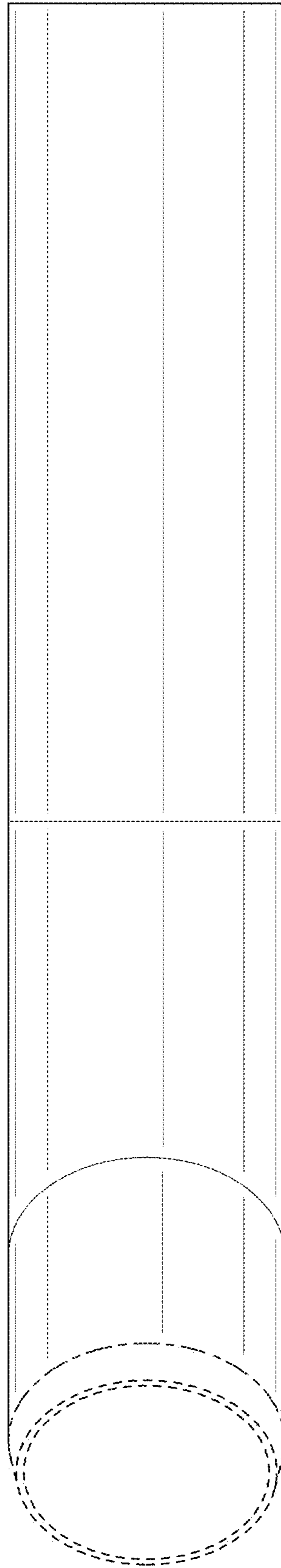


FIG. 18

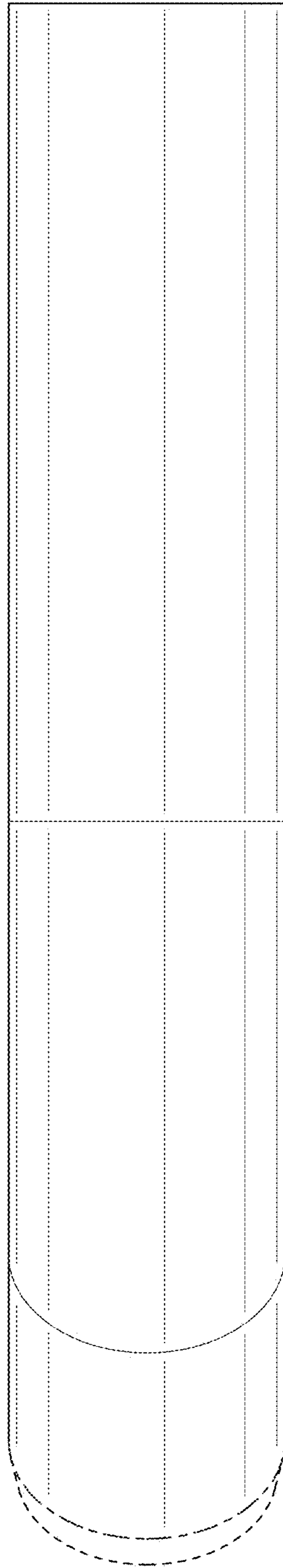


FIG. 19

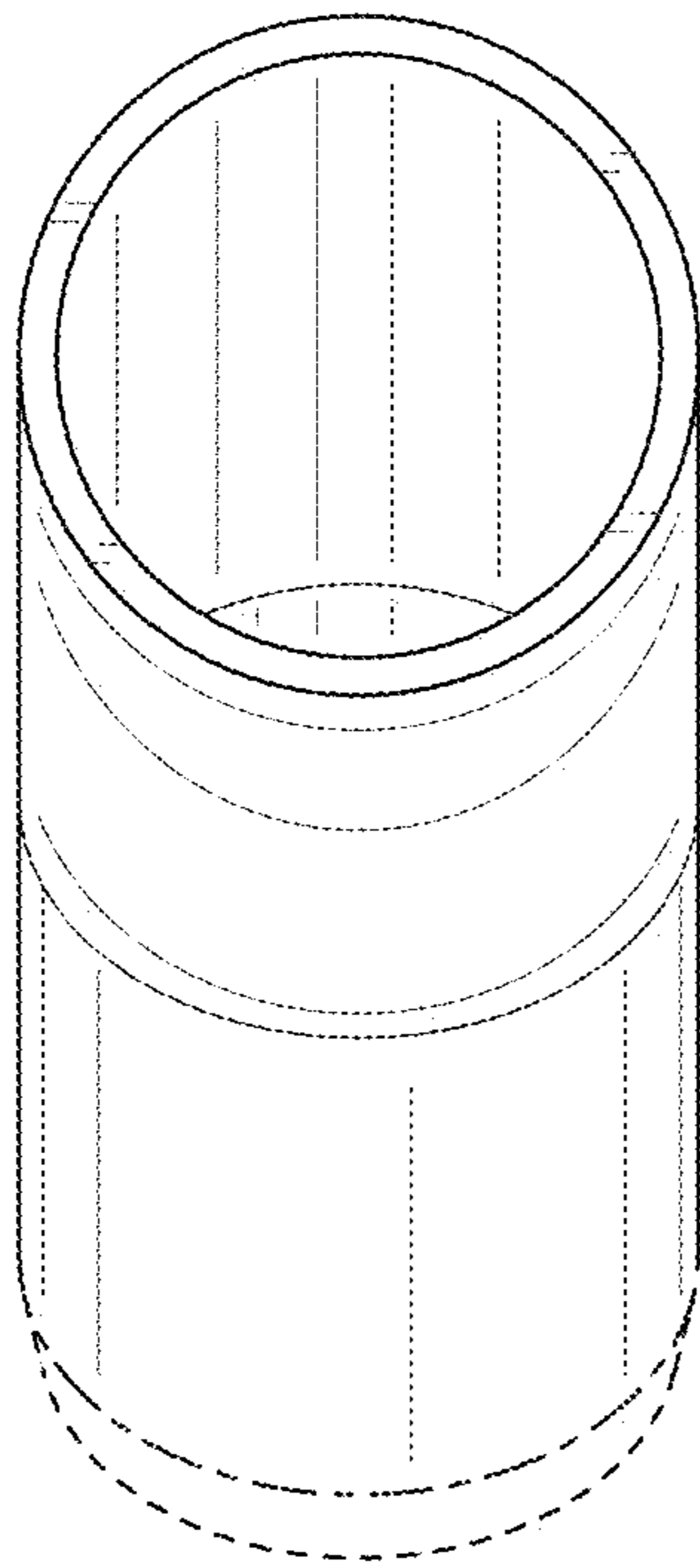


FIG. 20

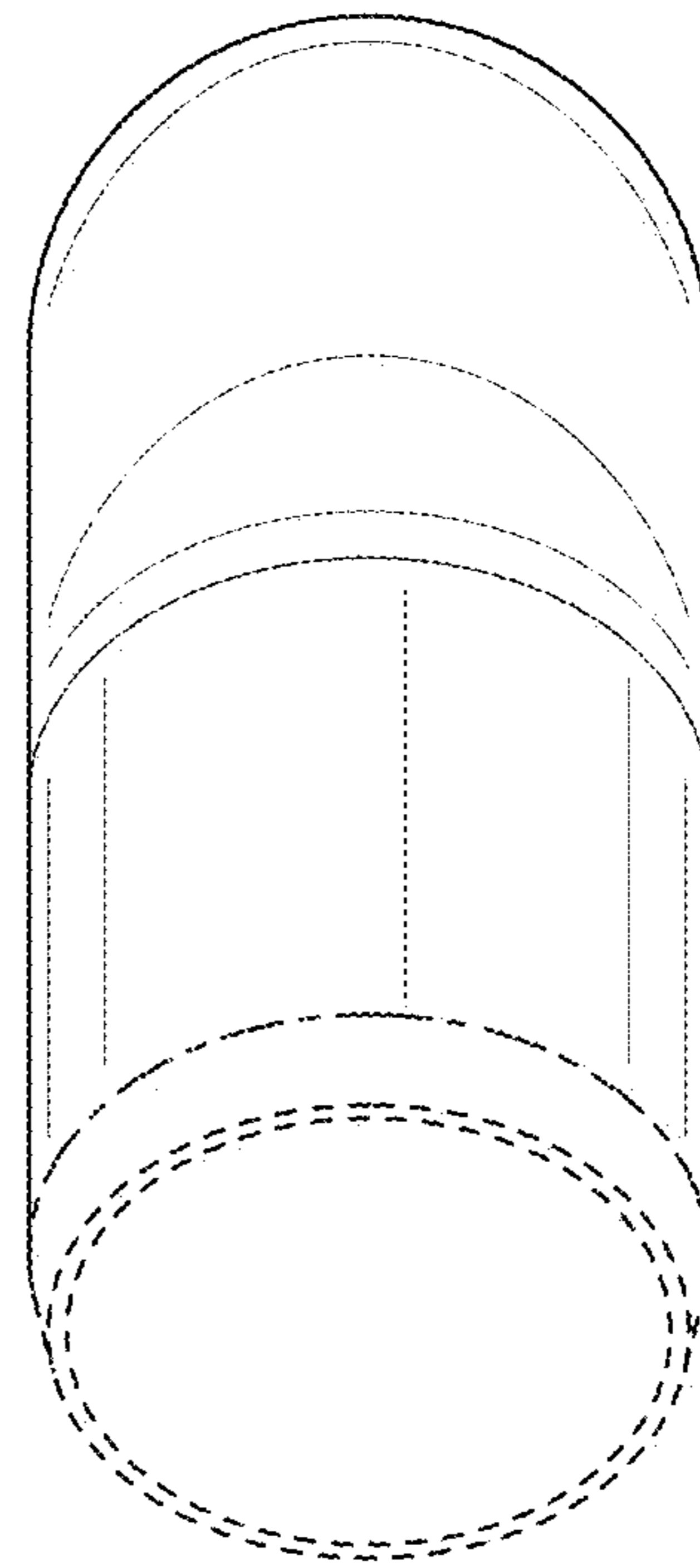


FIG. 21

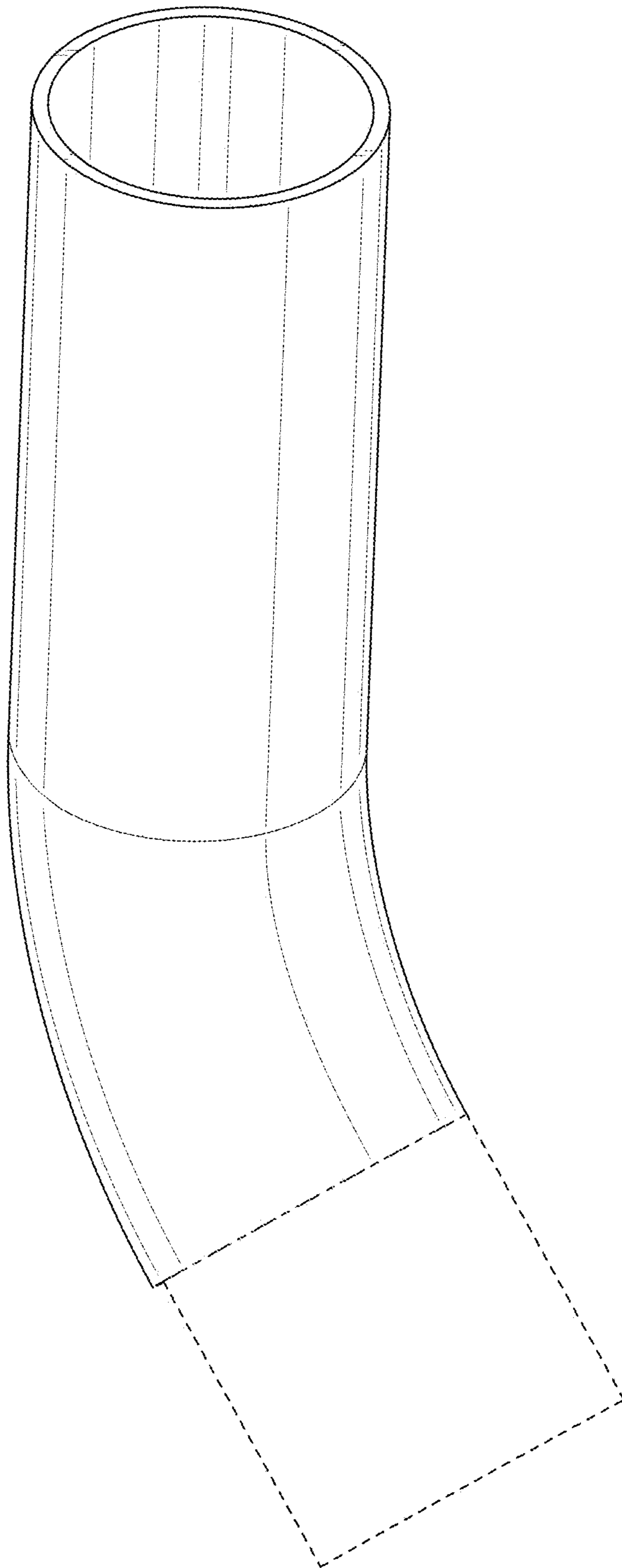


FIG. 22

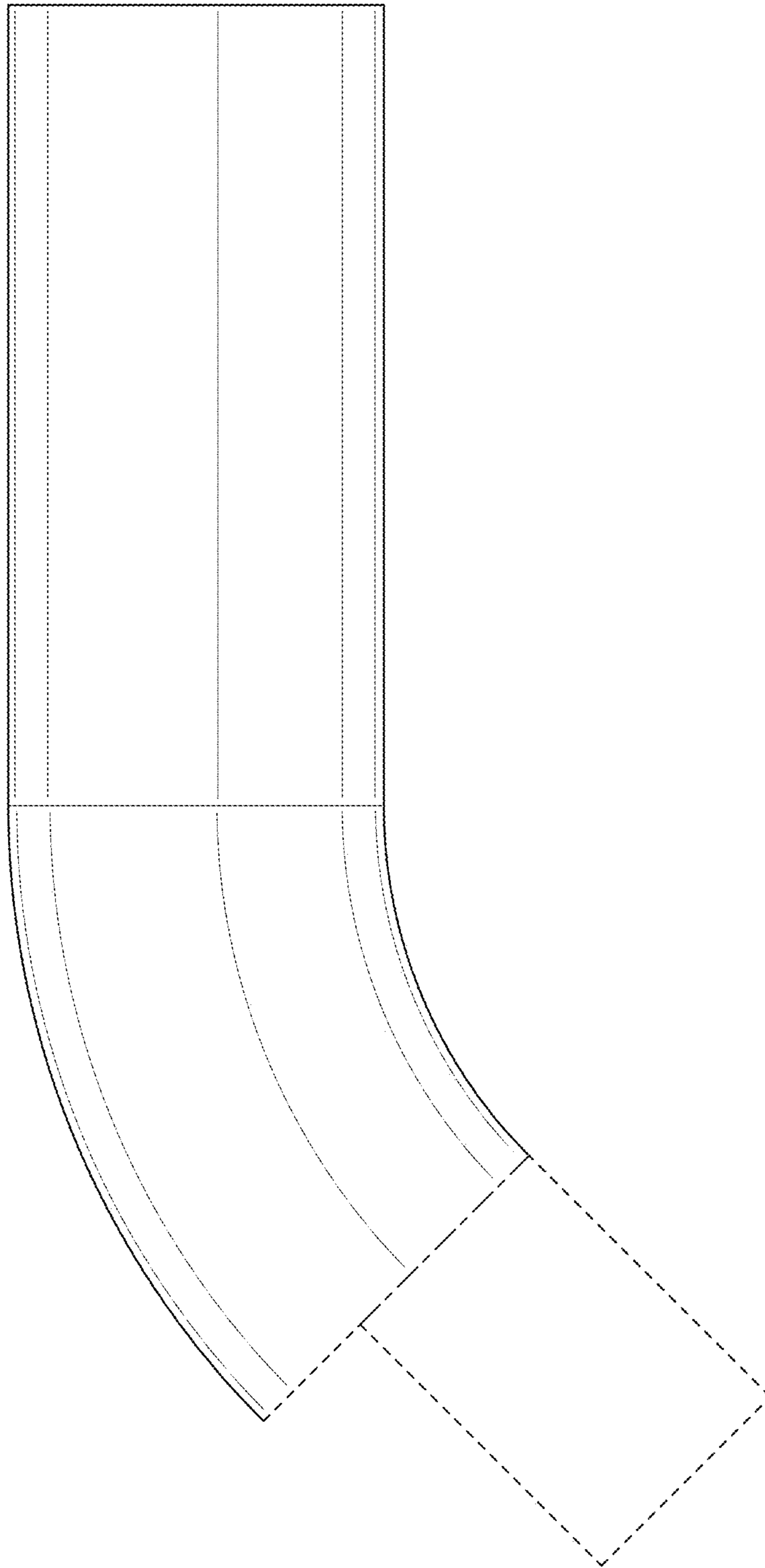


FIG. 23

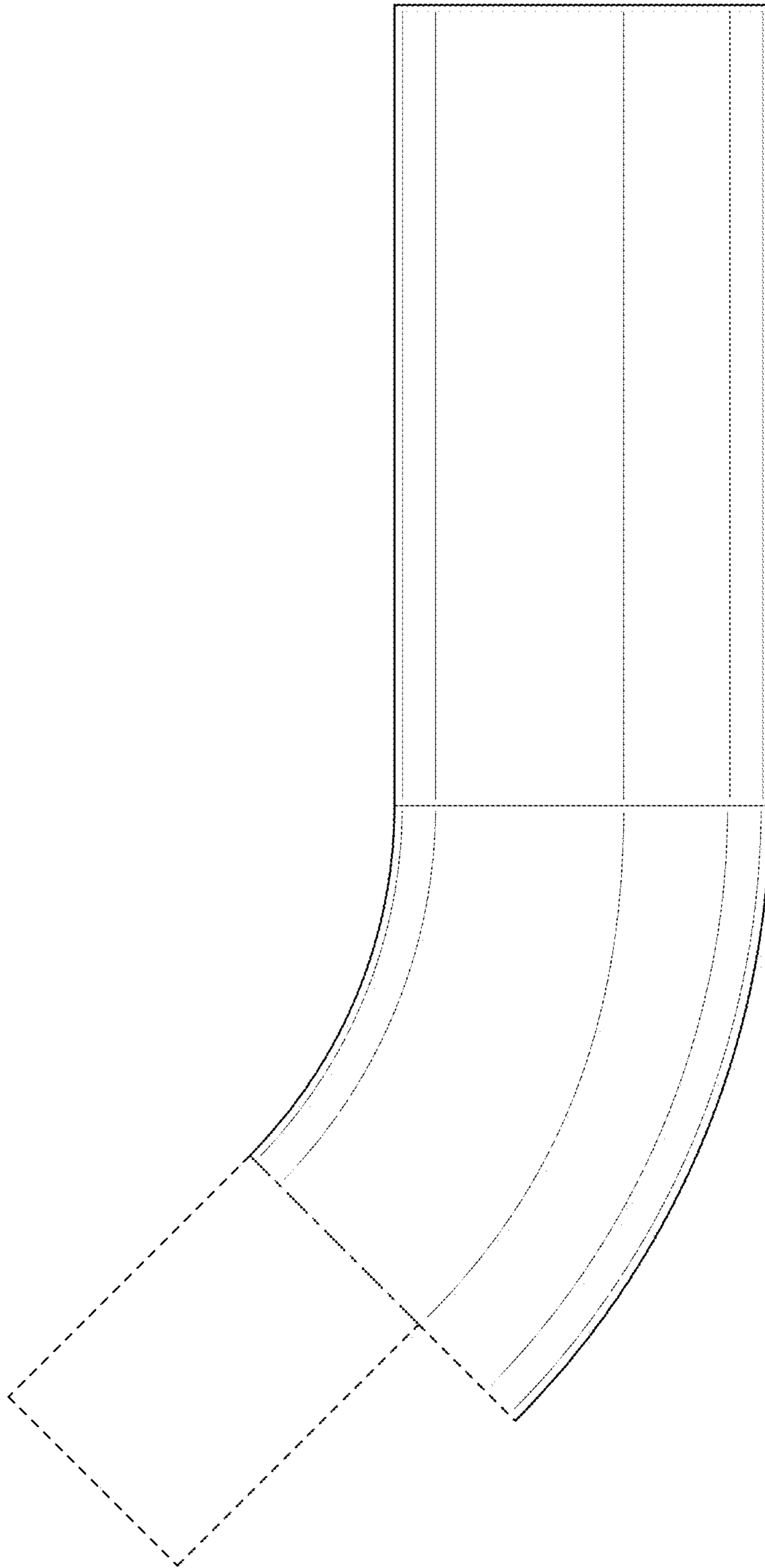


FIG. 24

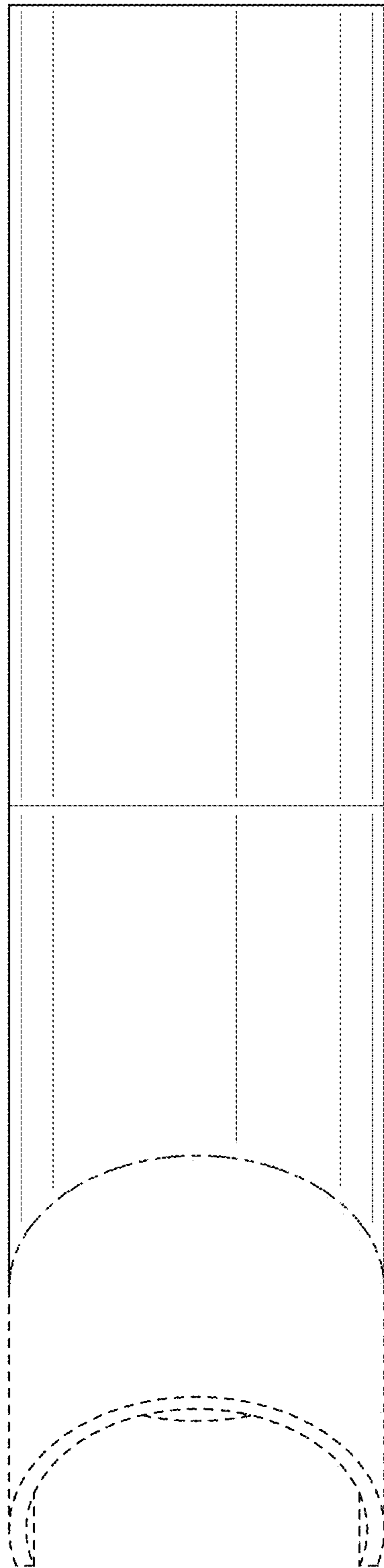


FIG. 25



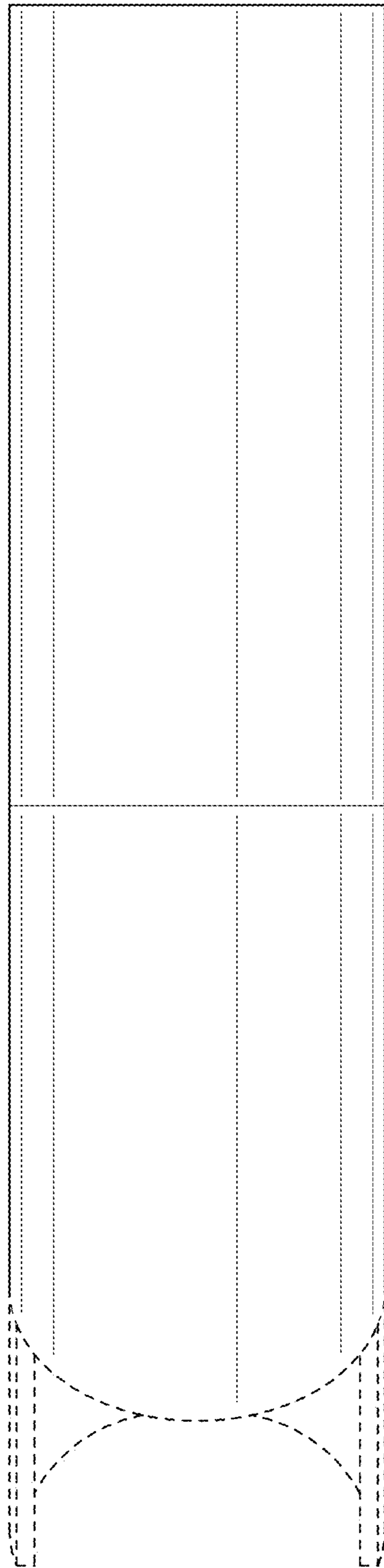


FIG. 26

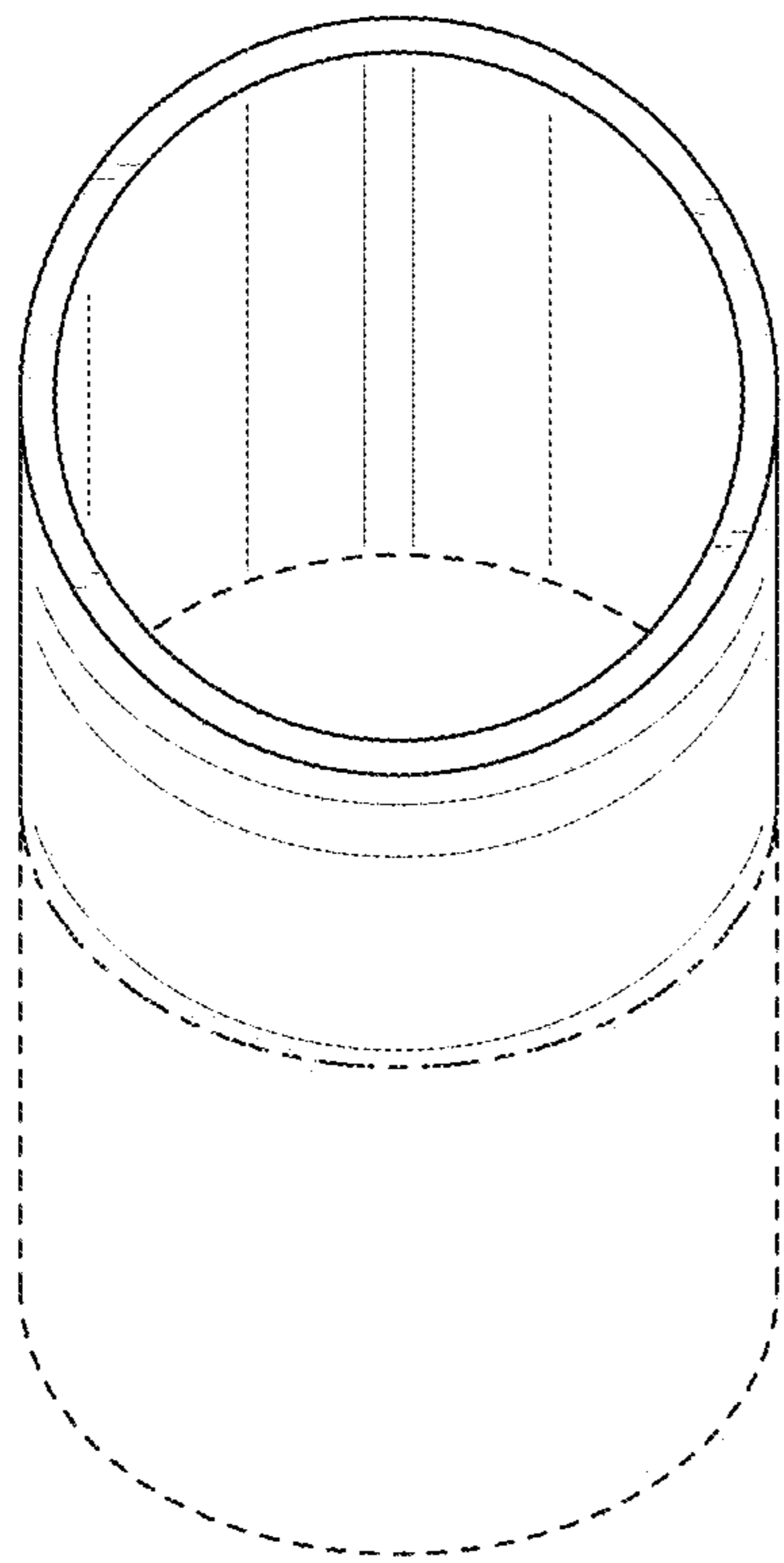


FIG. 27

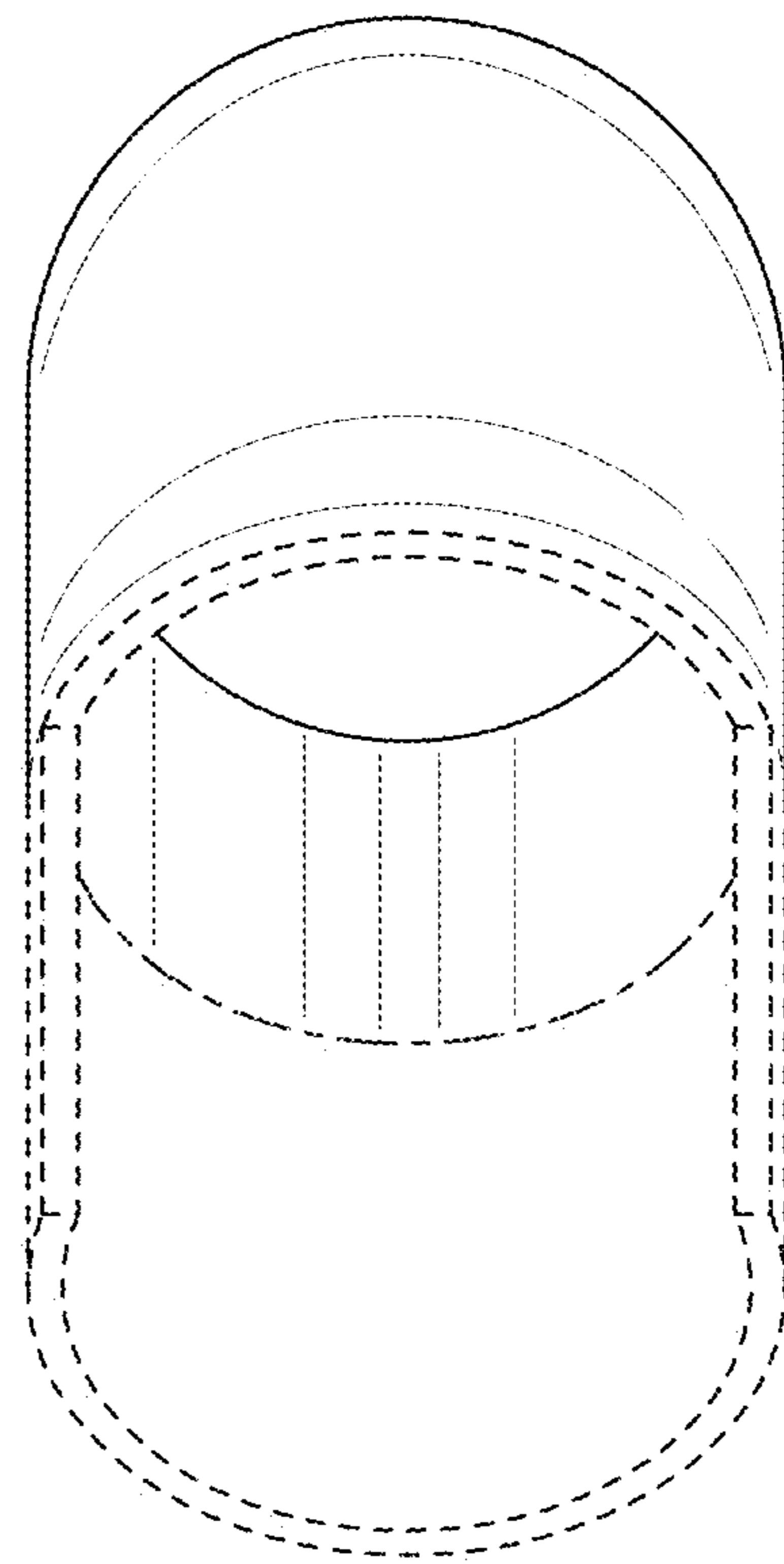


FIG. 28