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(12) United States Design Patent

Virk et al.

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(45) Date of Patent: ** Mar. 14, 2023

(54) **SURGICAL CANNULA MEDICAL DEVICE**

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

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

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

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

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

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

(52) **U.S. Cl.**
USPC **D24/112**

(58) **Field of Classification Search**
USPC D24/112–114, 133, 127–131, 140, 146, D24/186, 108; D23/262, 263, 266
(Continued)

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(Continued)

Primary Examiner — Natasha Vujcic
Assistant Examiner — Gilbert B Ford

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(57) **CLAIM**

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

DESCRIPTION

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**;
FIG. **3** is a left side elevational view of the surgical cannula medical device of FIG. **1**;
FIG. **4** is a front elevational view of the surgical cannula medical device of FIG. **1**;
FIG. **5** is a rear elevational view of the surgical cannula medical device of FIG. **1**;
FIG. **6** is a top plan view of the surgical cannula medical device of FIG. **1**;
FIG. **7** is a bottom plan view of the surgical cannula medical device of FIG. **1**;
FIG. **8** is a front perspective view of a surgical cannula medical device in accordance with a second embodiment of the new design;
FIG. **9** is right side elevational view of the surgical cannula medical device of FIG. **8**;
FIG. **10** is a left side elevational view of the surgical cannula medical device of FIG. **8**;
FIG. **11** is a front elevational view of the surgical cannula medical device of FIG. **8**;
FIG. **12** is a rear elevational view of the surgical cannula medical device of FIG. **8**;
FIG. **13** is a top plan view of the surgical cannula medical device of FIG. **8**;
FIG. **14** is a bottom plan view of the surgical cannula medical device of FIG. **8**;
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.

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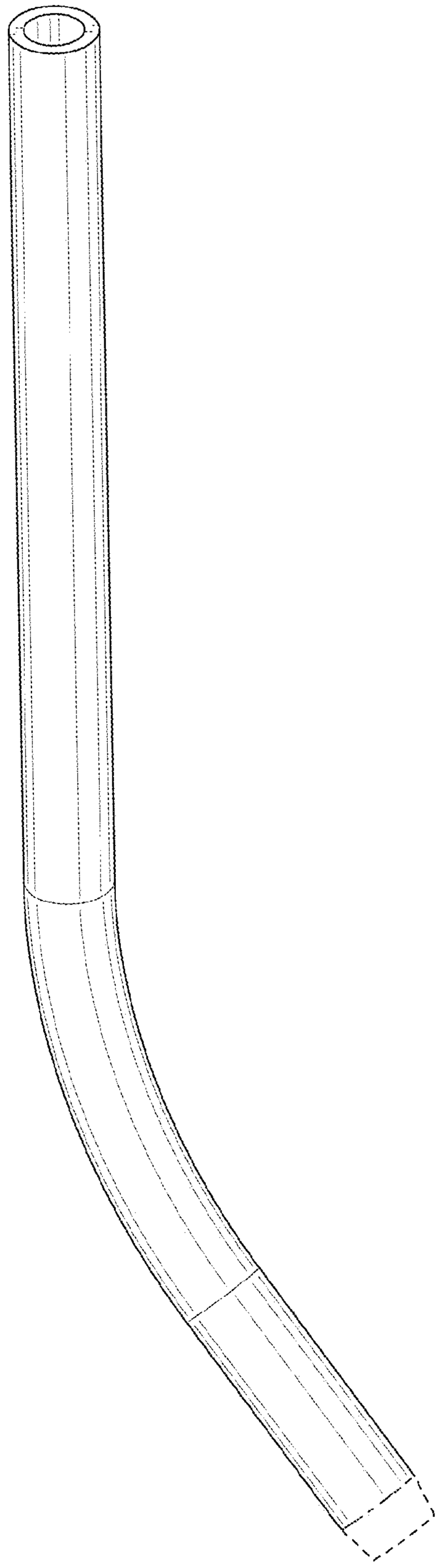


FIG. 1

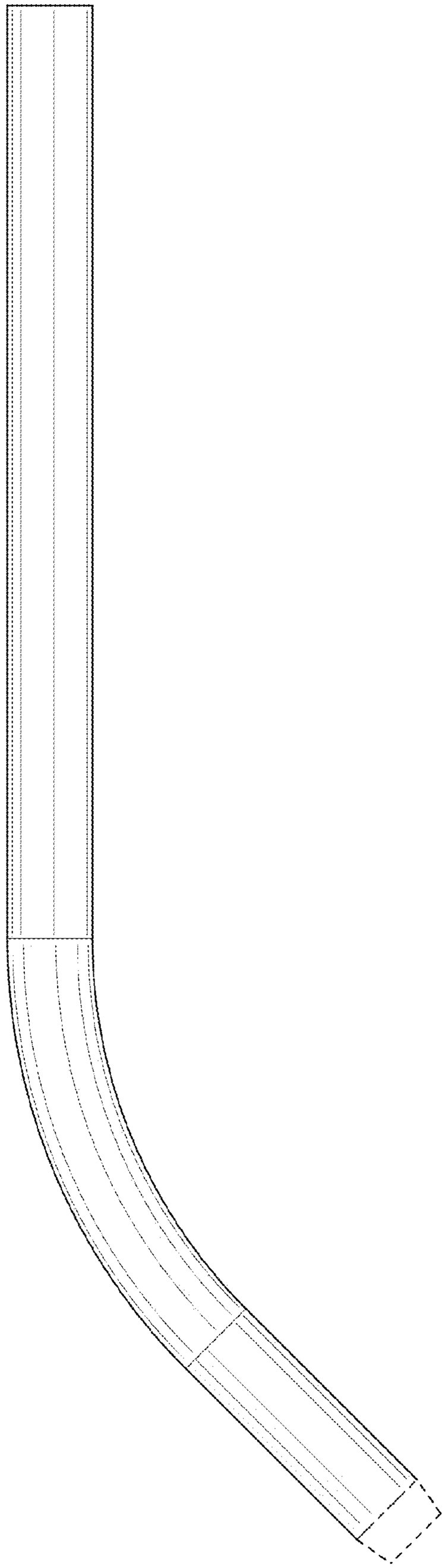


FIG. 2

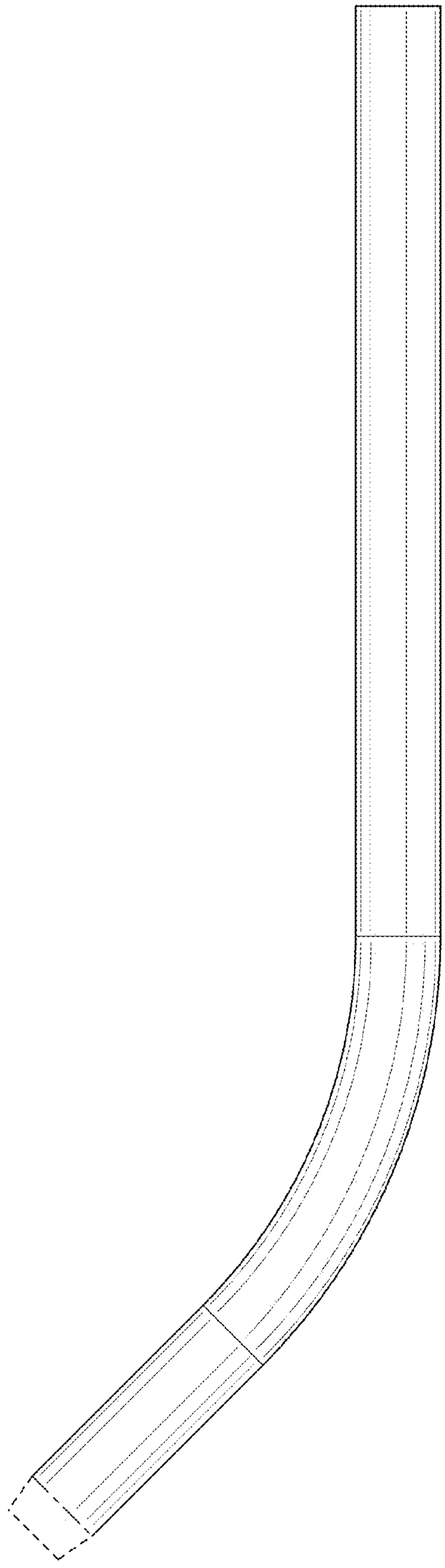


FIG. 3

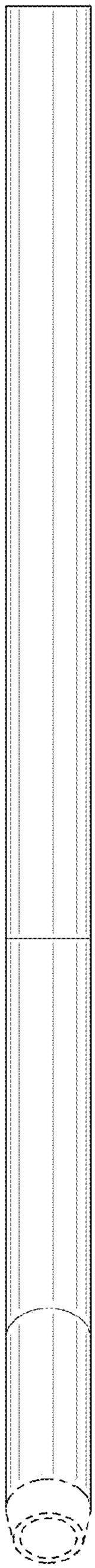


FIG. 4

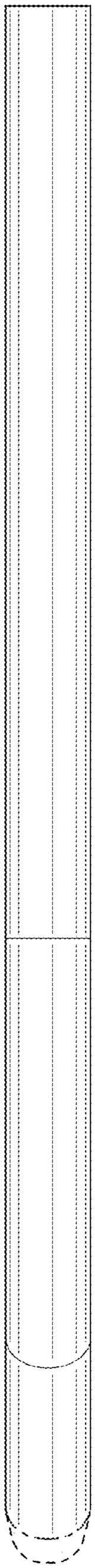
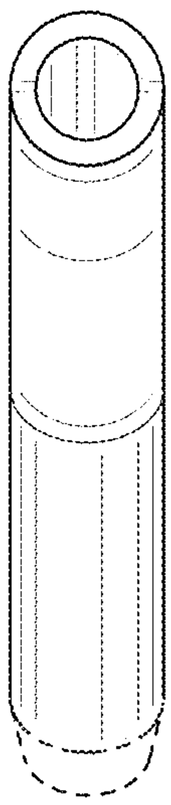


FIG. 5



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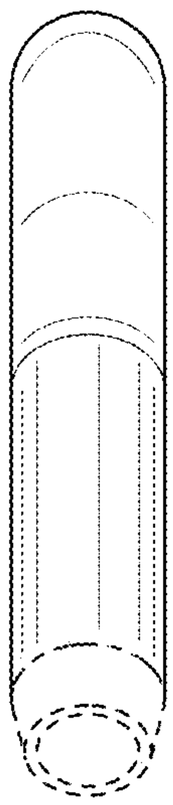


FIG. 7

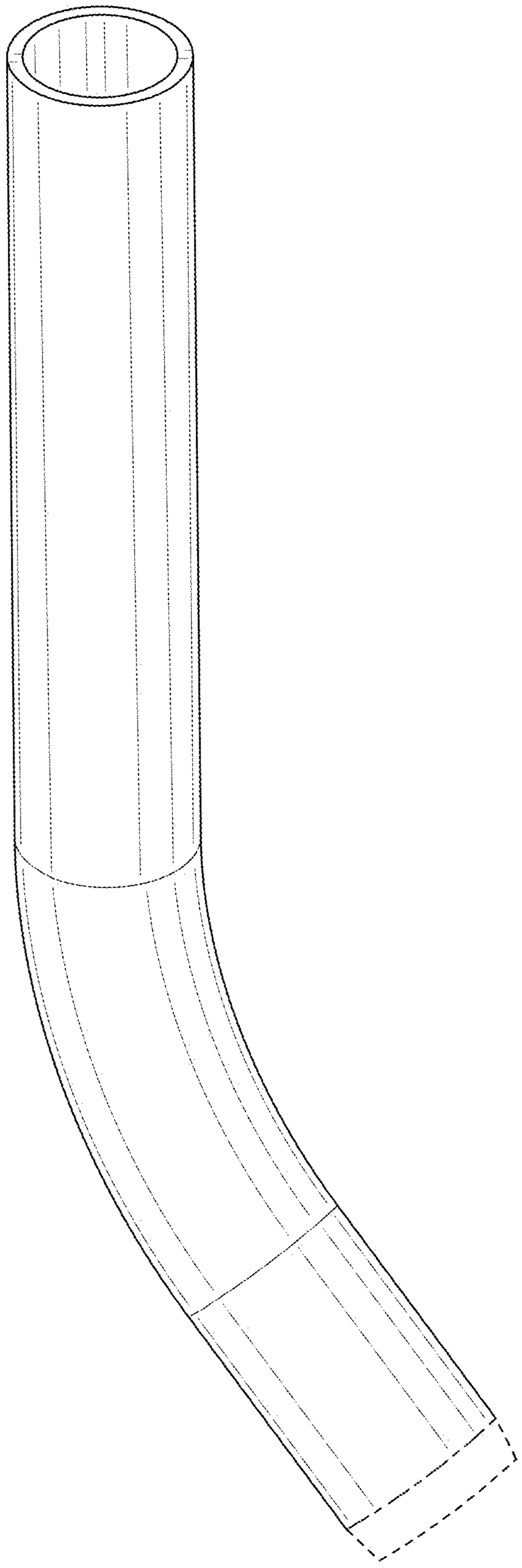


FIG. 8

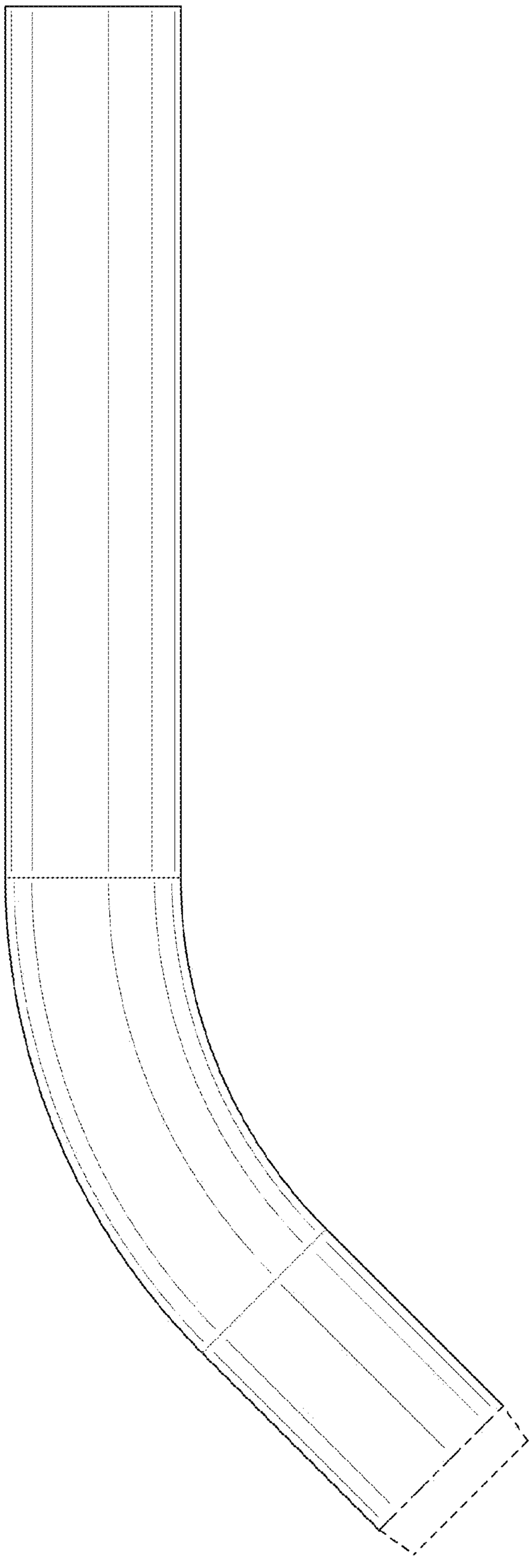


FIG. 9

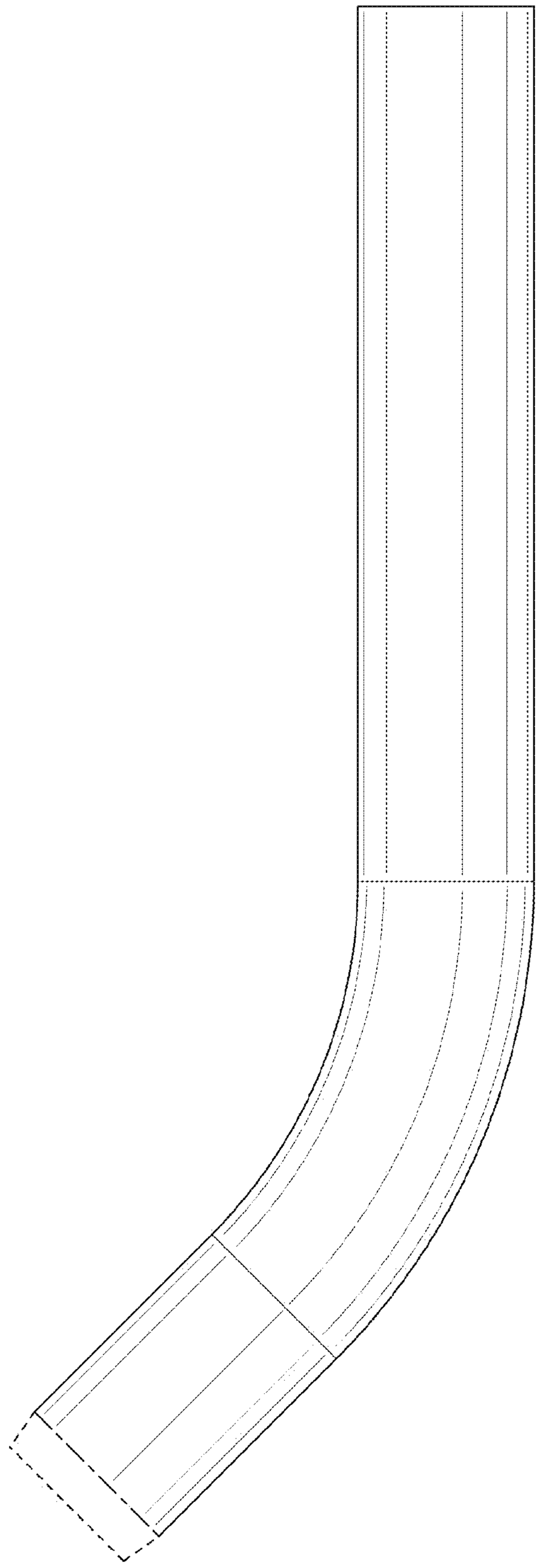
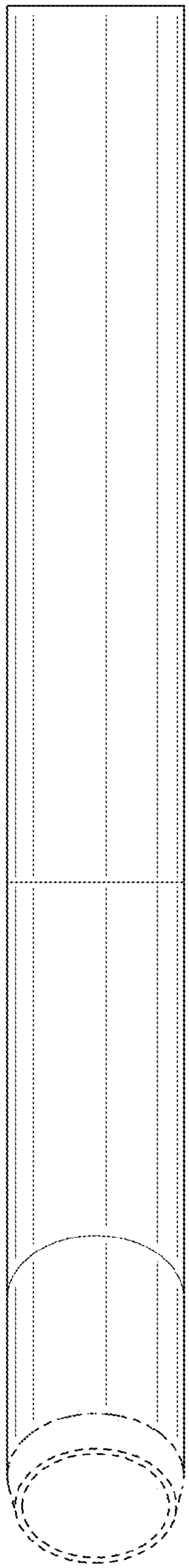


FIG. 10



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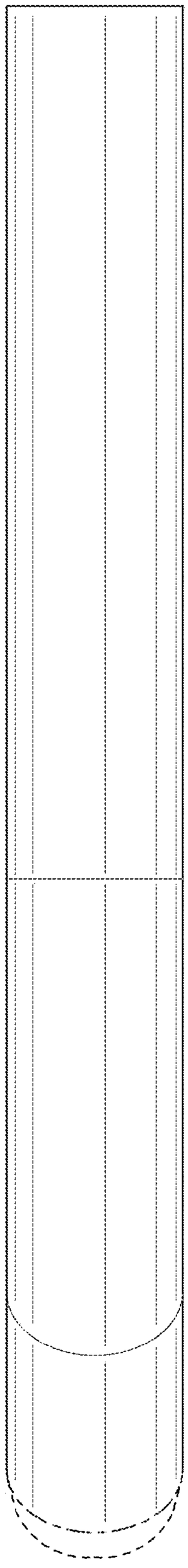


FIG. 12

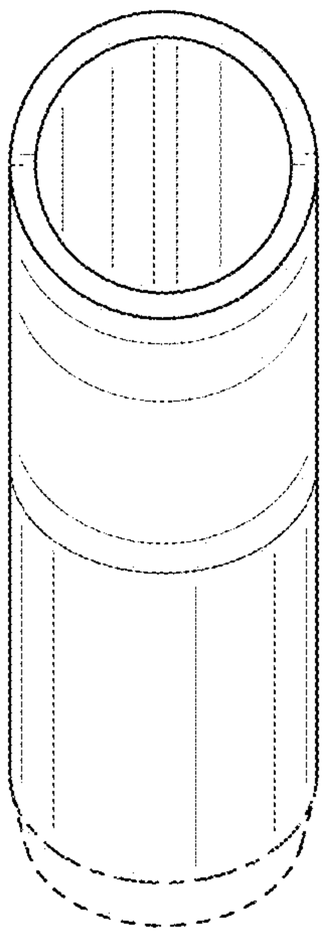
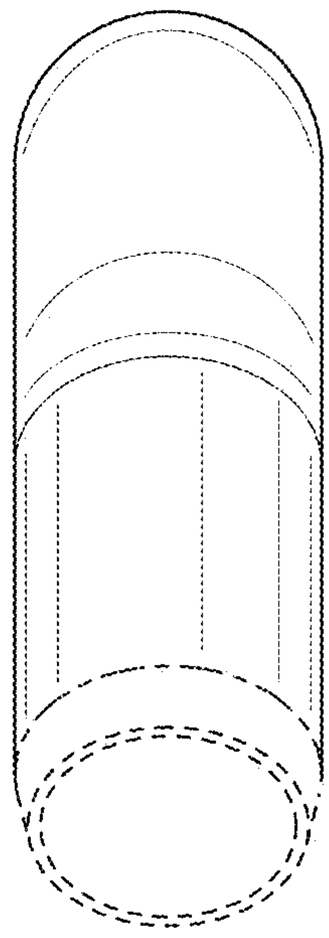


FIG. 13



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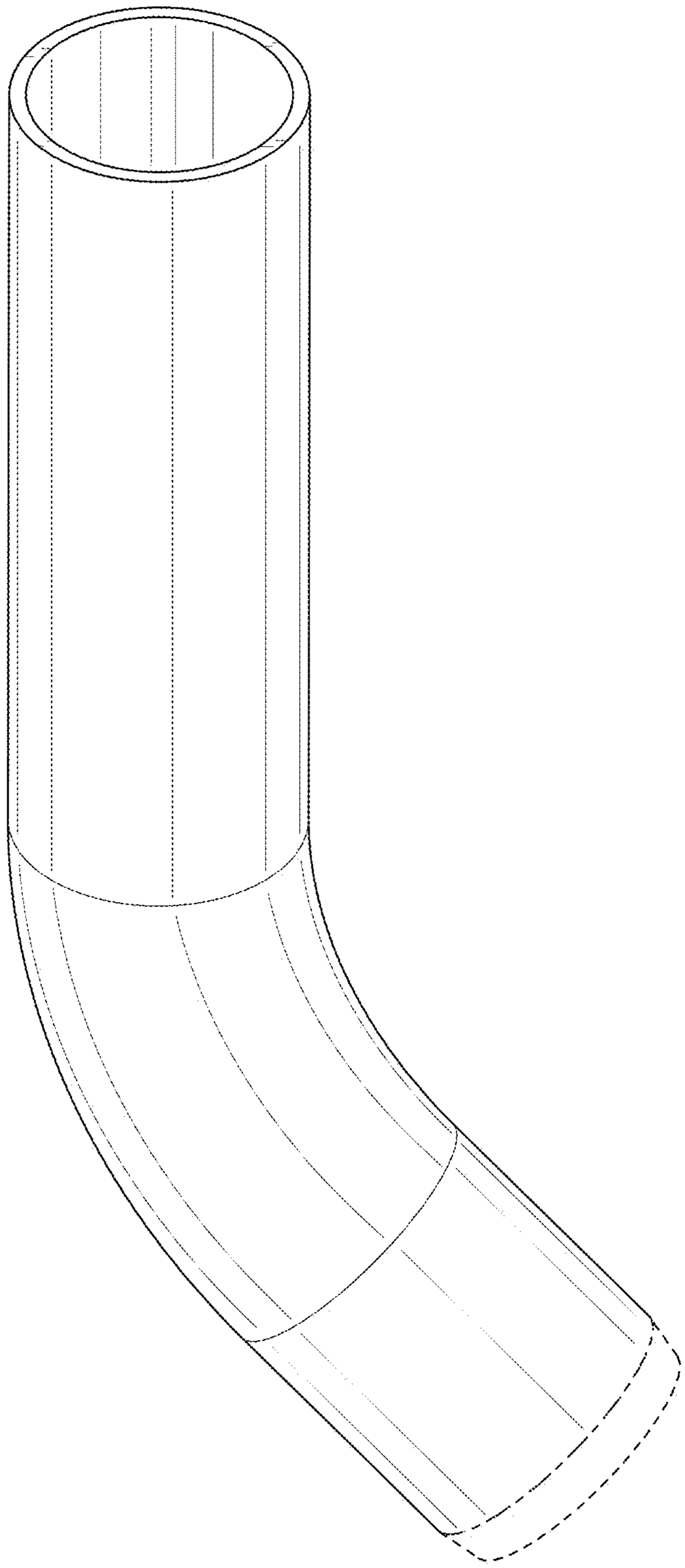

FIG. 15

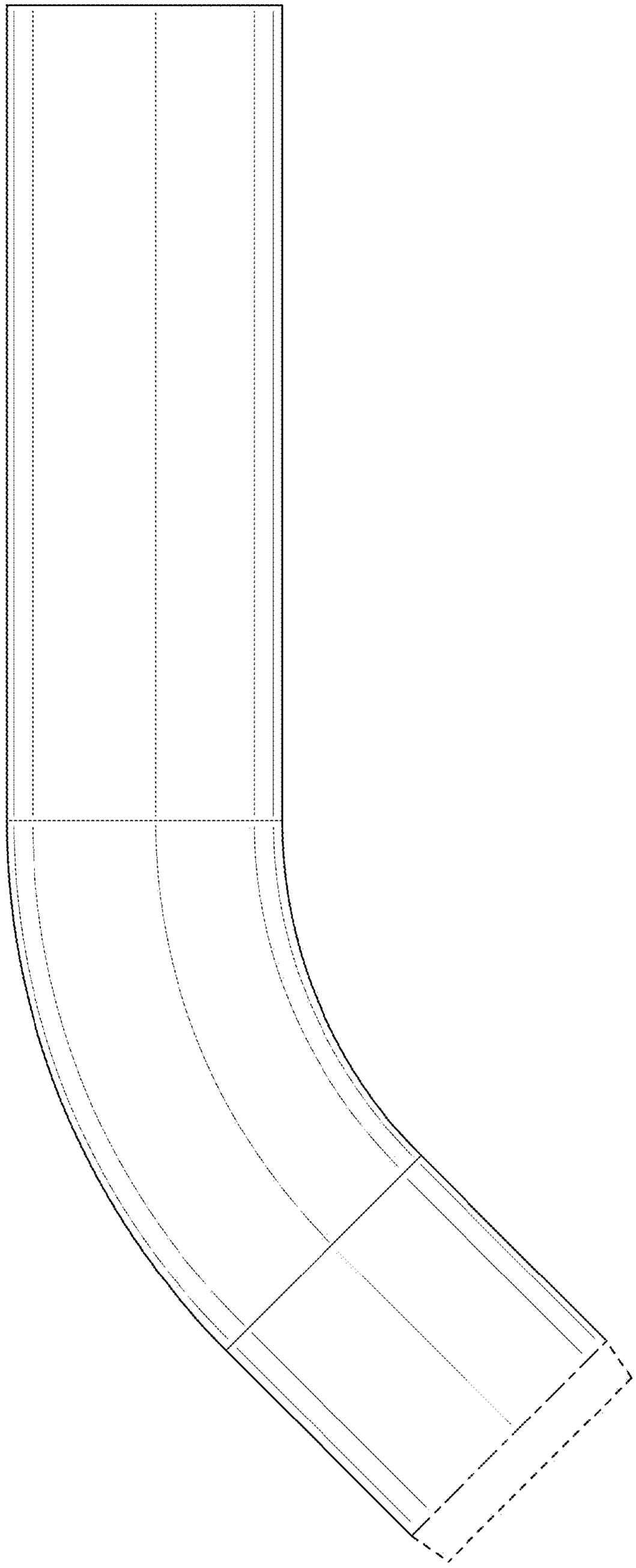

FIG. 16

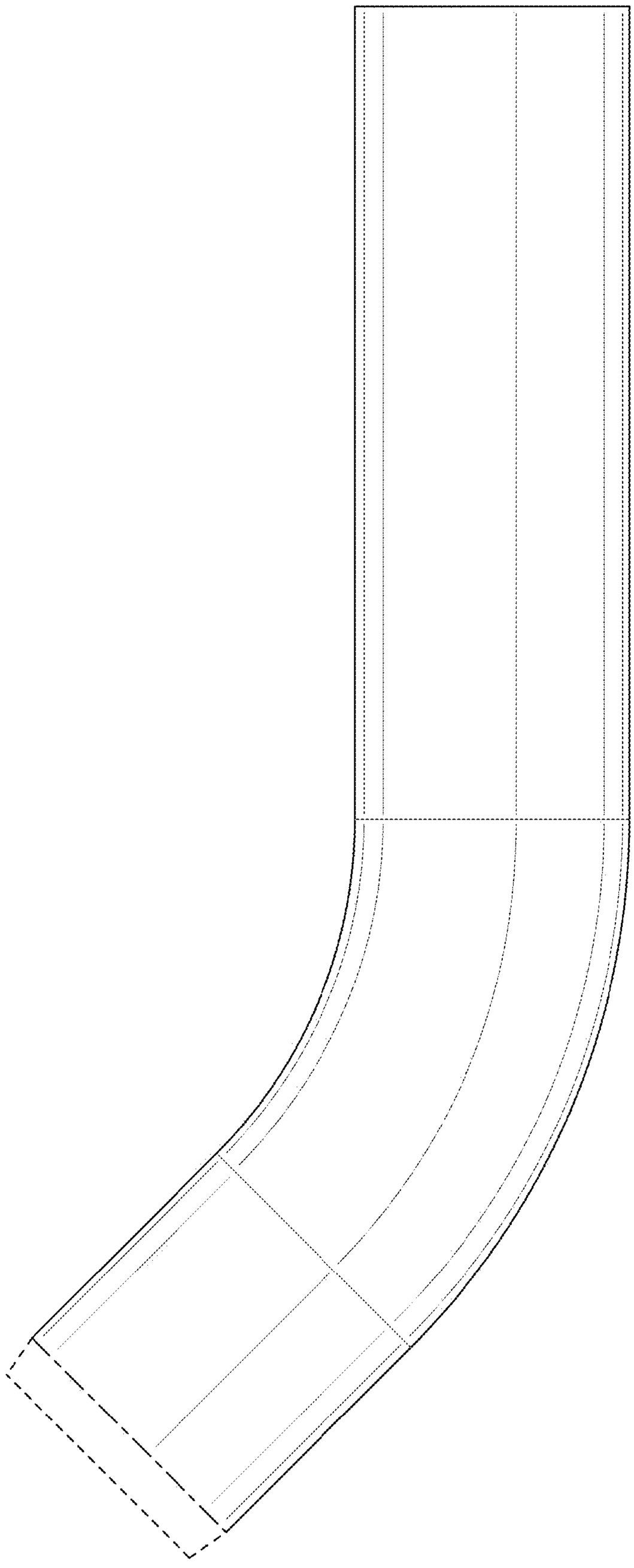

FIG. 17

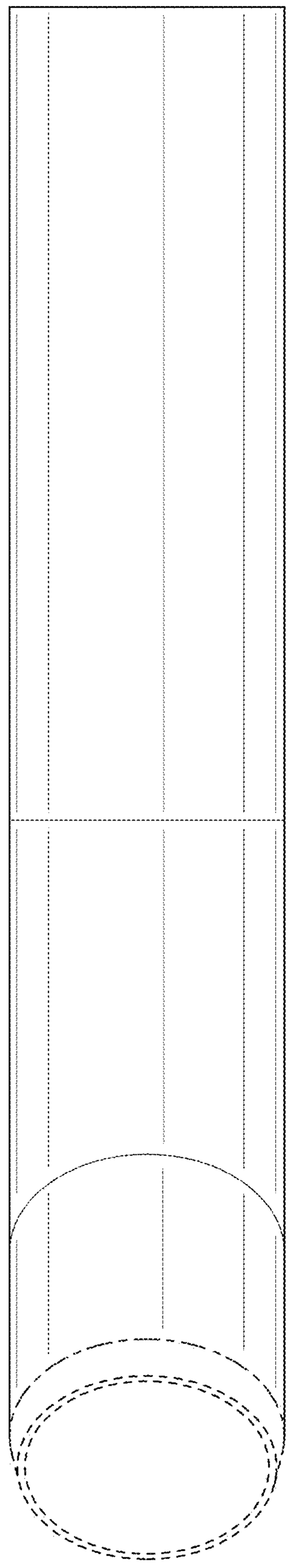

FIG. 18

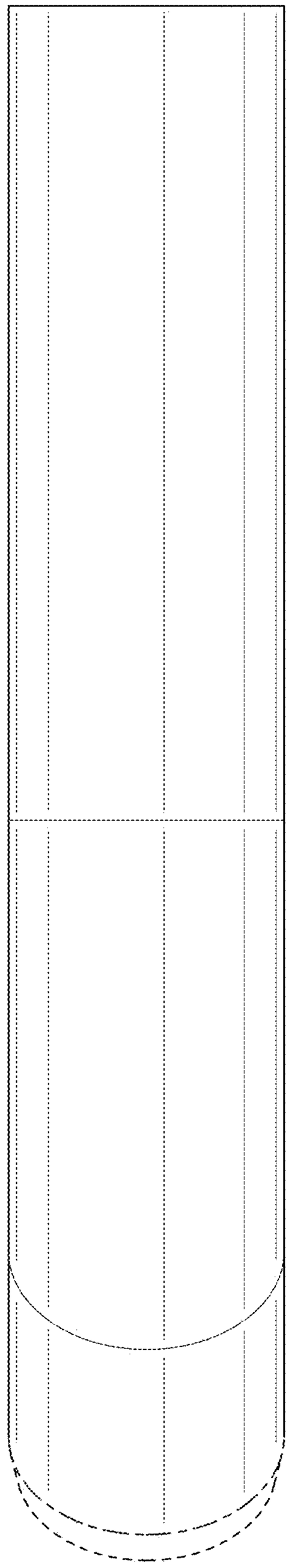

FIG. 19

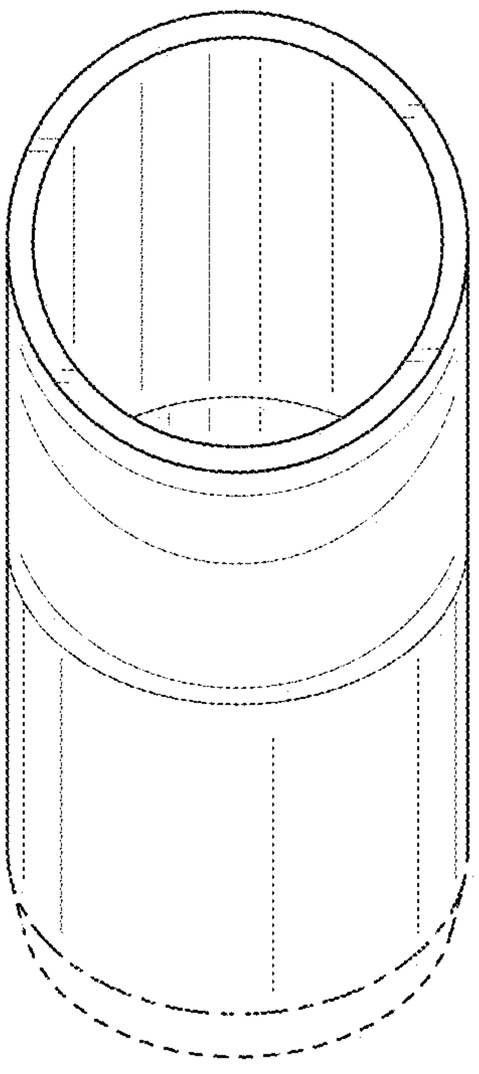

FIG. 20

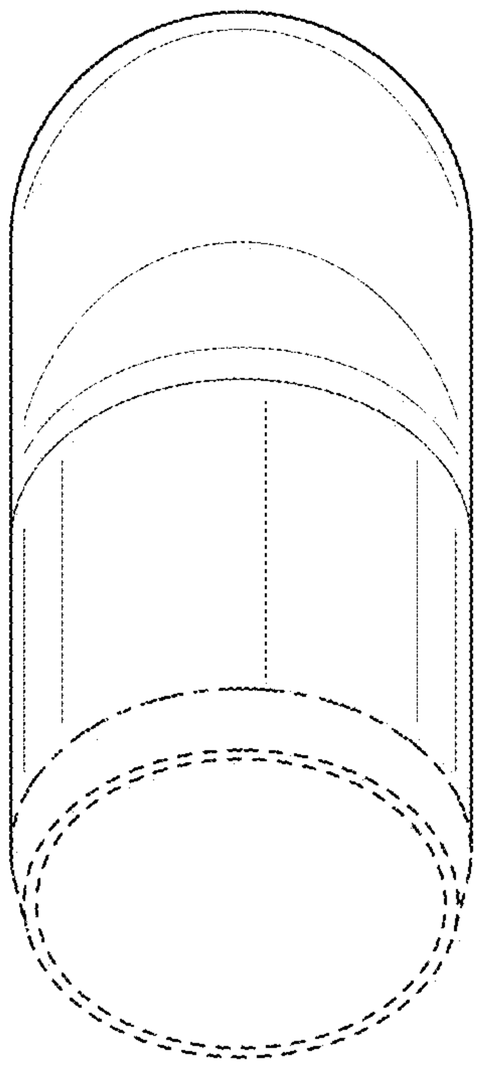

FIG. 21

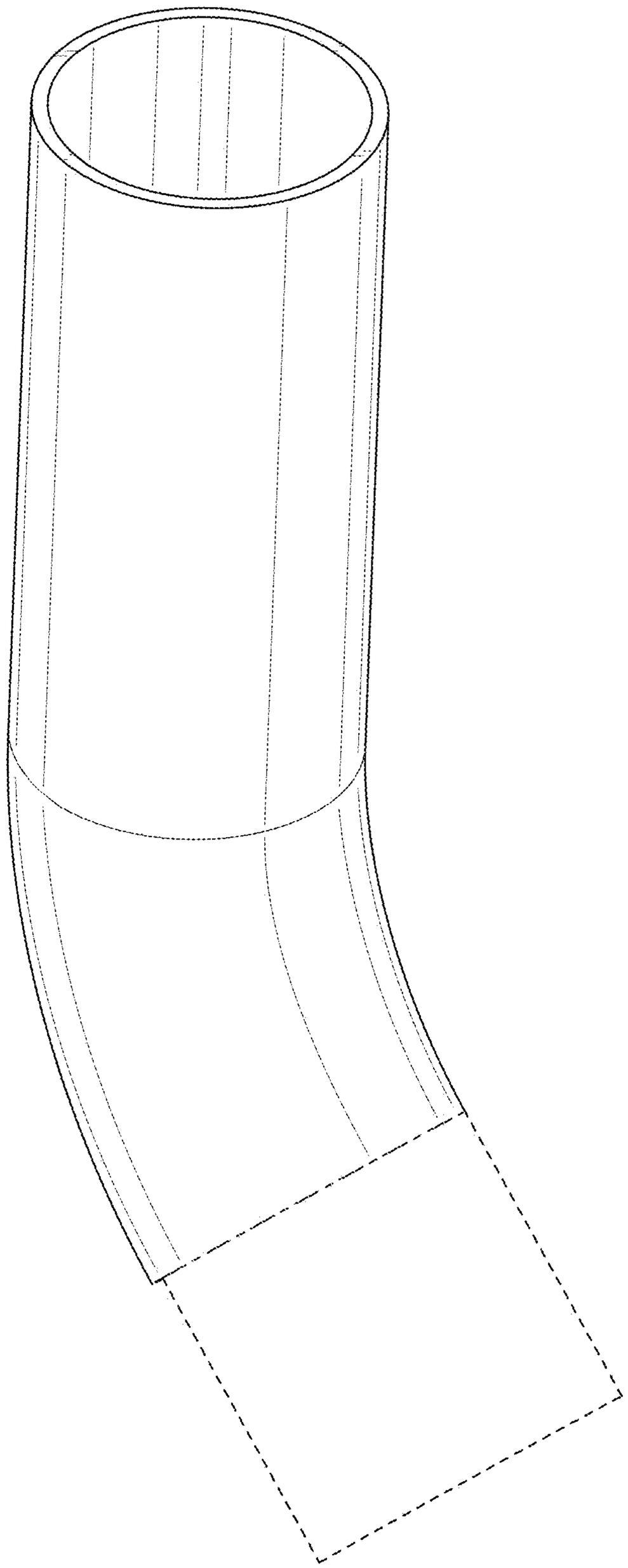

FIG. 22

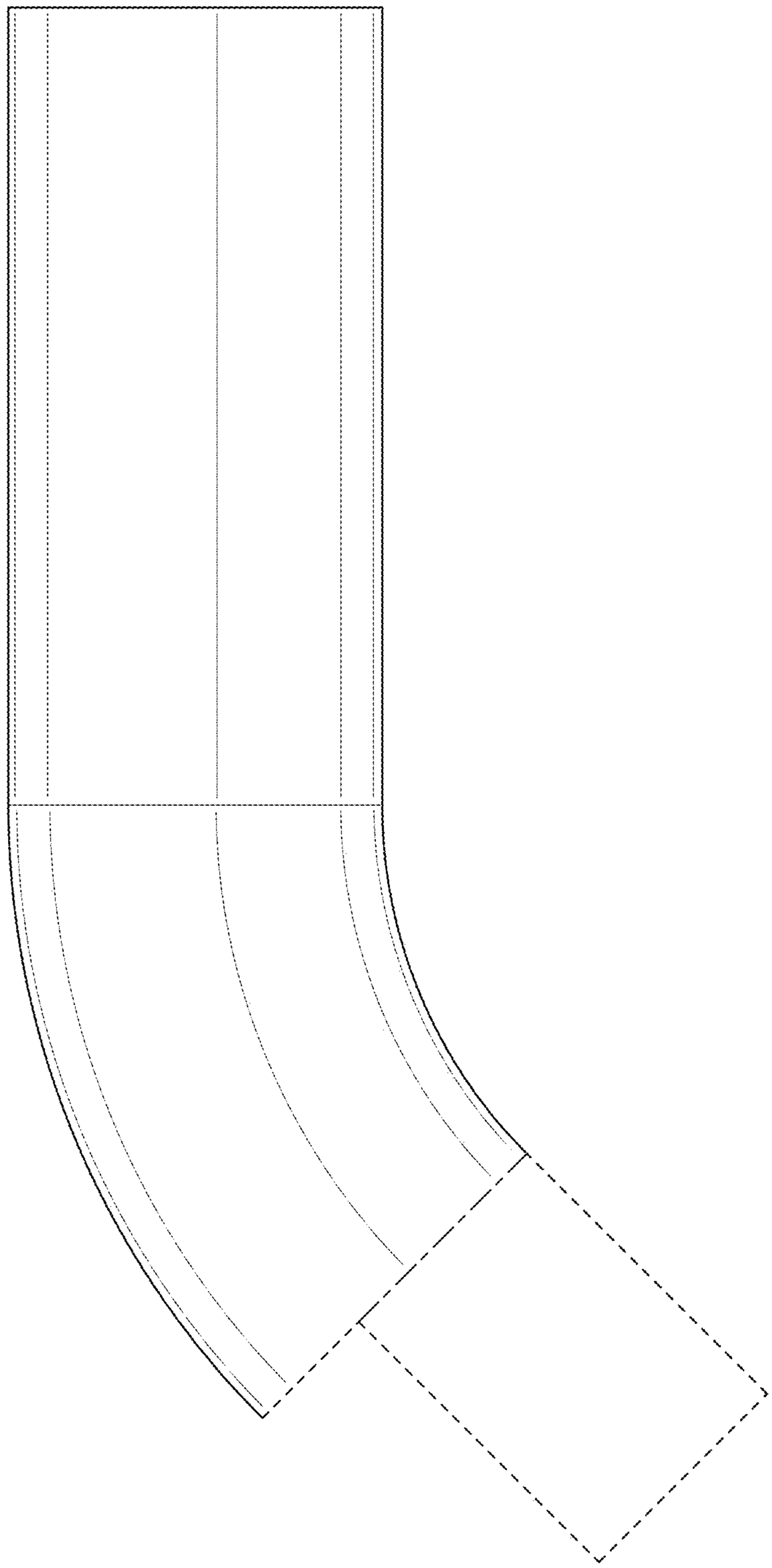

FIG. 23

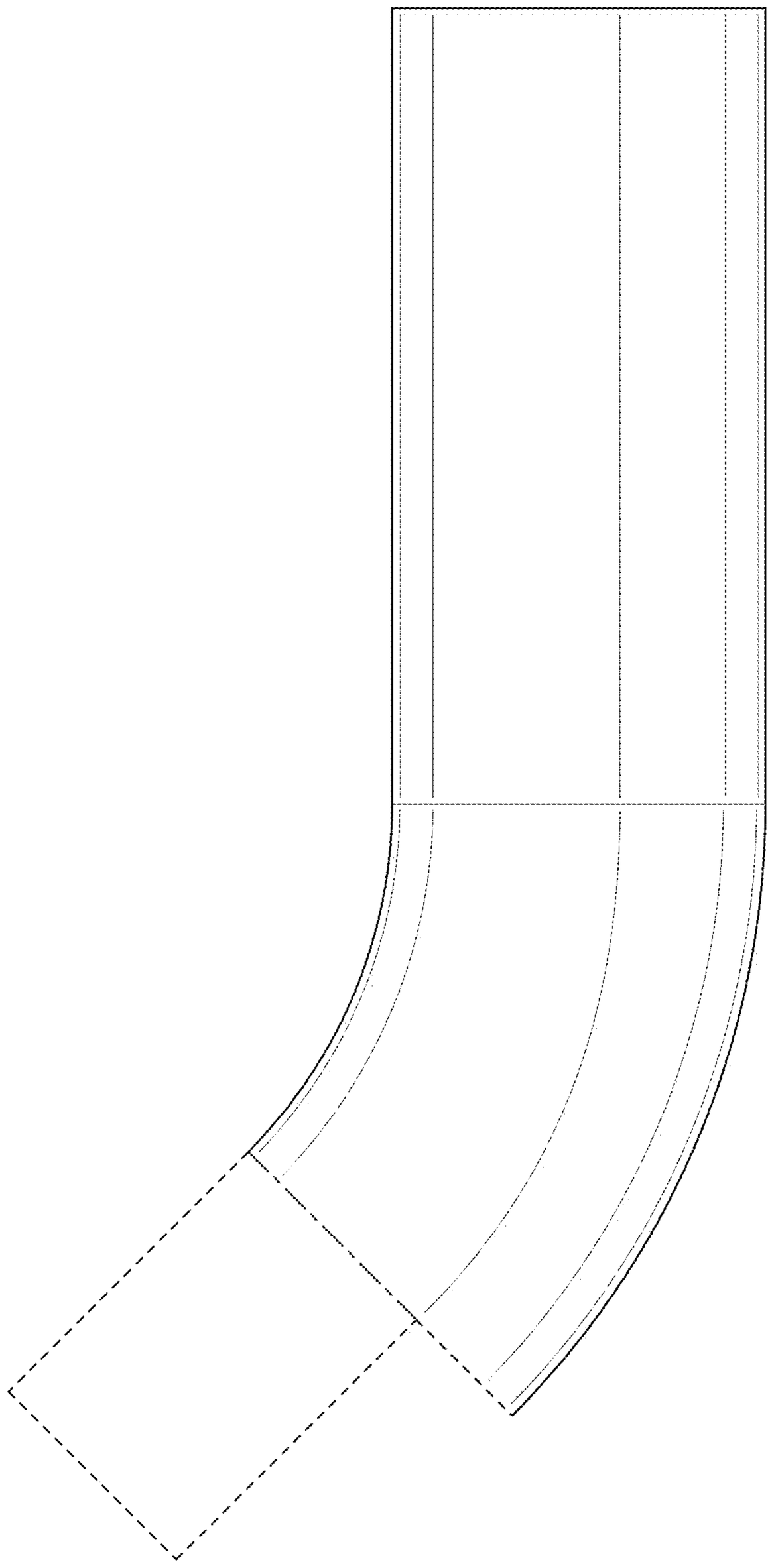

FIG. 24

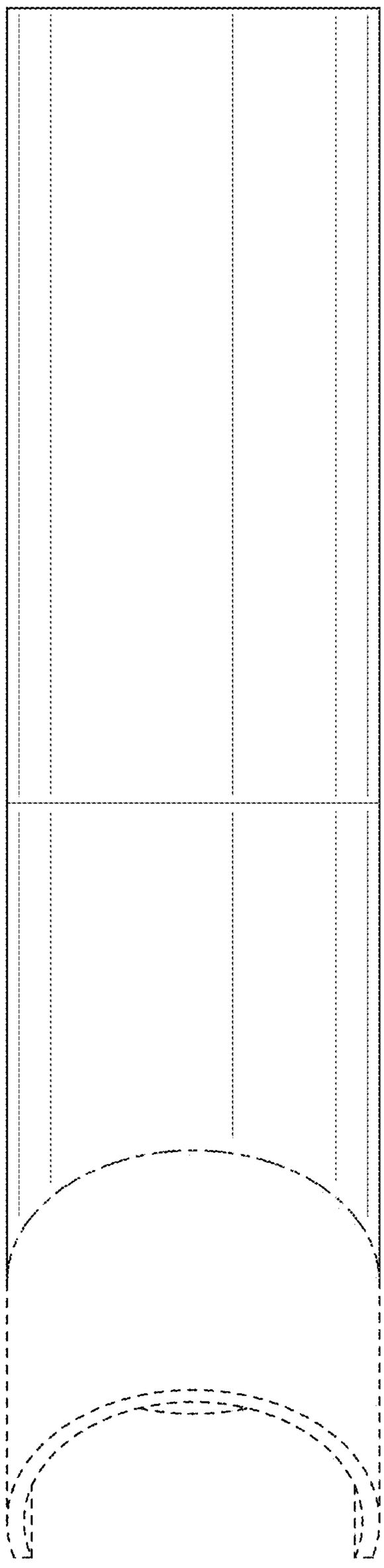

FIG. 25

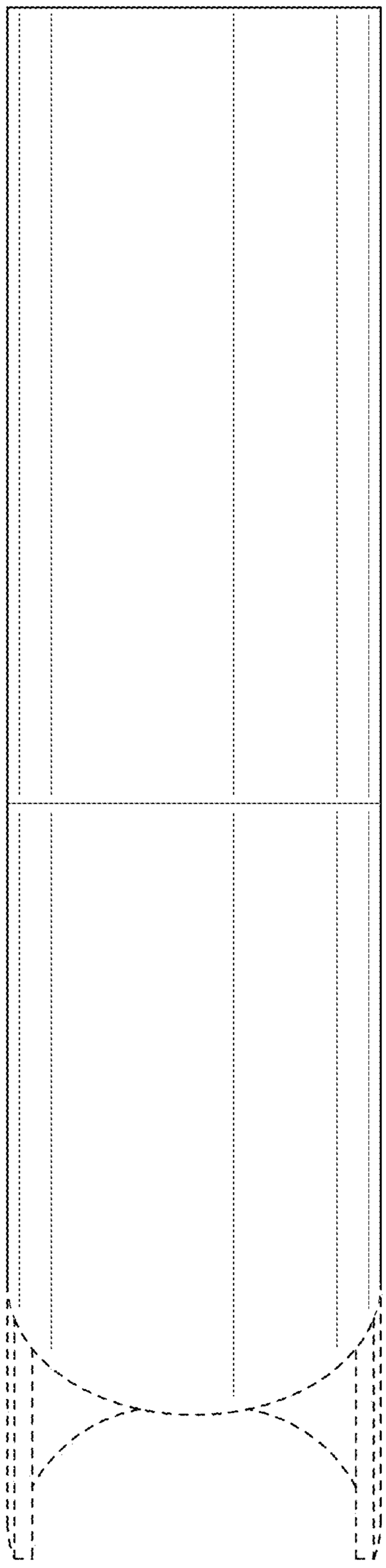

FIG. 26

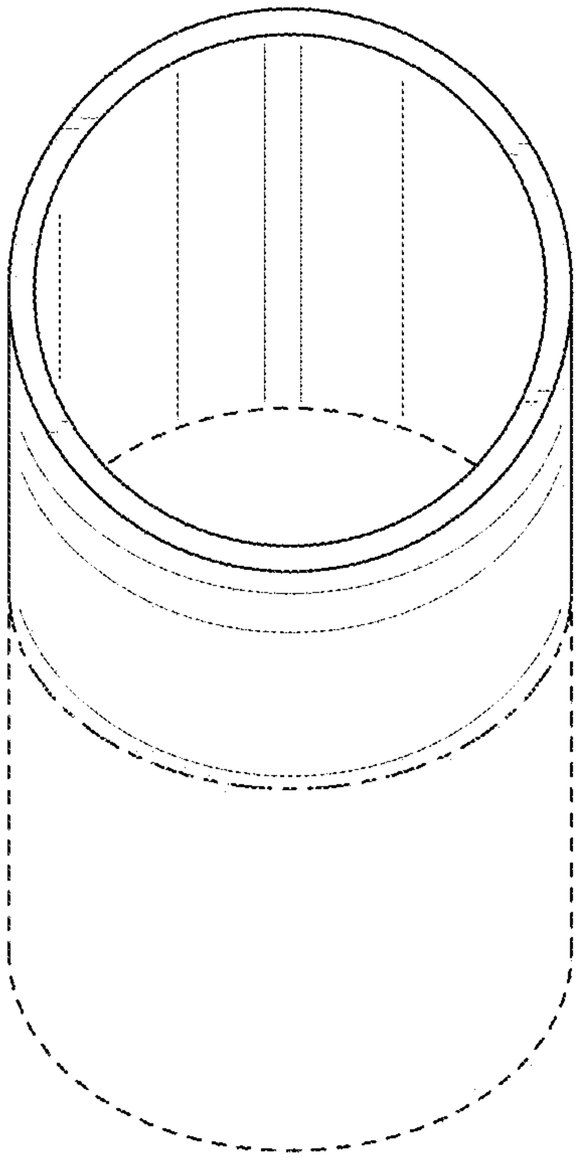

FIG. 27

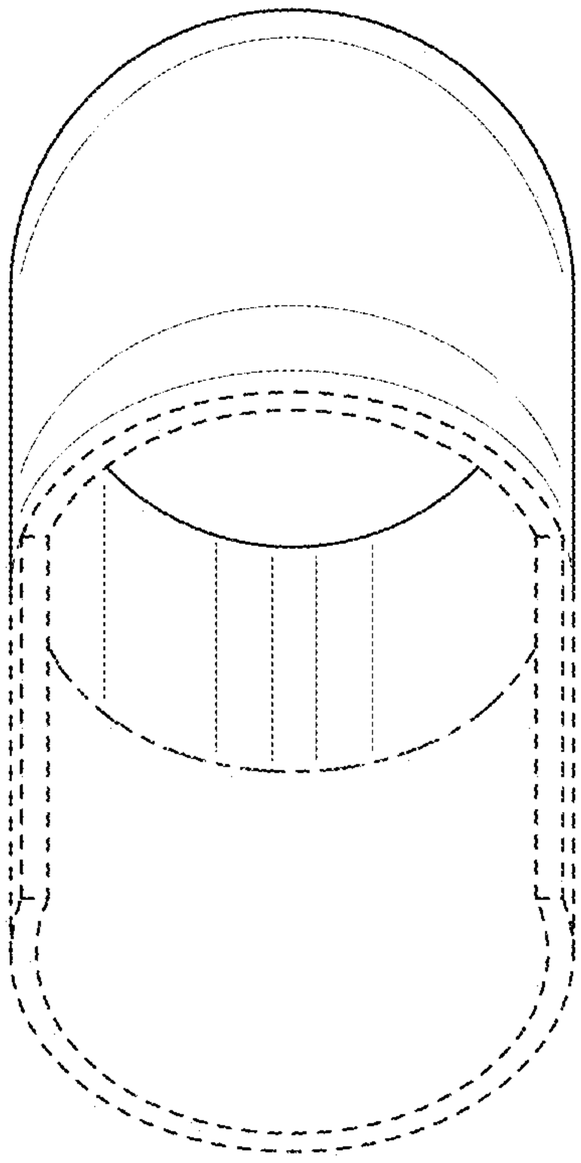

FIG. 28