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

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(45) **Date of Patent:** **** Jun. 17, 2014**

(54) **TOBACCO VAPORIZER**

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(72) Inventor: **Shuigen Liu**, Dongguan (CN)

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

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(51) **LOC (10) Cl.** **27-99**

(52) **U.S. Cl.**
USPC **D27/194**

(58) **Field of Classification Search**
USPC D27/173, 104, 105, 106, 107, 110, 109,
D27/195, 189, 165, 166, 164, 163, 162, 157,
D27/188, 154, 155, 156, 159; D9/416, 504,
D9/529, 545, 688, 500, 772; D28/89;
131/360, 347, 273, 328, 329, 330, 173
See application file for complete search history.

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Primary Examiner — Kevin Rudzinski

(57) **CLAIM**

The ornamental design for a tobacco vaporizer, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of component 1 of design 1;
 FIG. 2 is a rear elevation view of component 1 of design 1;
 FIG. 3 is a left side elevation view of component 1 of design 1;
 FIG. 4 is a right side elevation view of component 1 of design 1;
 FIG. 5 is a top plan view of component 1 of design 1;
 FIG. 6 is a bottom plan view of component 1 of design 1;
 FIG. 7 is a front elevation view of component 2 of design 1;
 FIG. 8 is a rear elevation view of component 2 of design 1;
 FIG. 9 is a left side elevation view of component 2 of design 1;
 FIG. 10 is a right side elevation view of component 2 of design 1;
 FIG. 11 is a top plan view of component 2 of design 1;
 FIG. 12 is a bottom plan view of component 2 of design 1;
 FIG. 13 is a front elevation view of design 1 showing component 1 and component 2 assembled together;
 FIG. 14 is a rear elevation view of design 1 showing component 1 and component 2 assembled together;
 FIG. 15 is a left side elevation view of design 1 showing component 1 and component 2 assembled together;
 FIG. 16 is a right side elevation view of design 1 showing component 1 and component 2 assembled together;
 FIG. 17 is a top plan view of design 1 showing component 1 and component 2 assembled together;

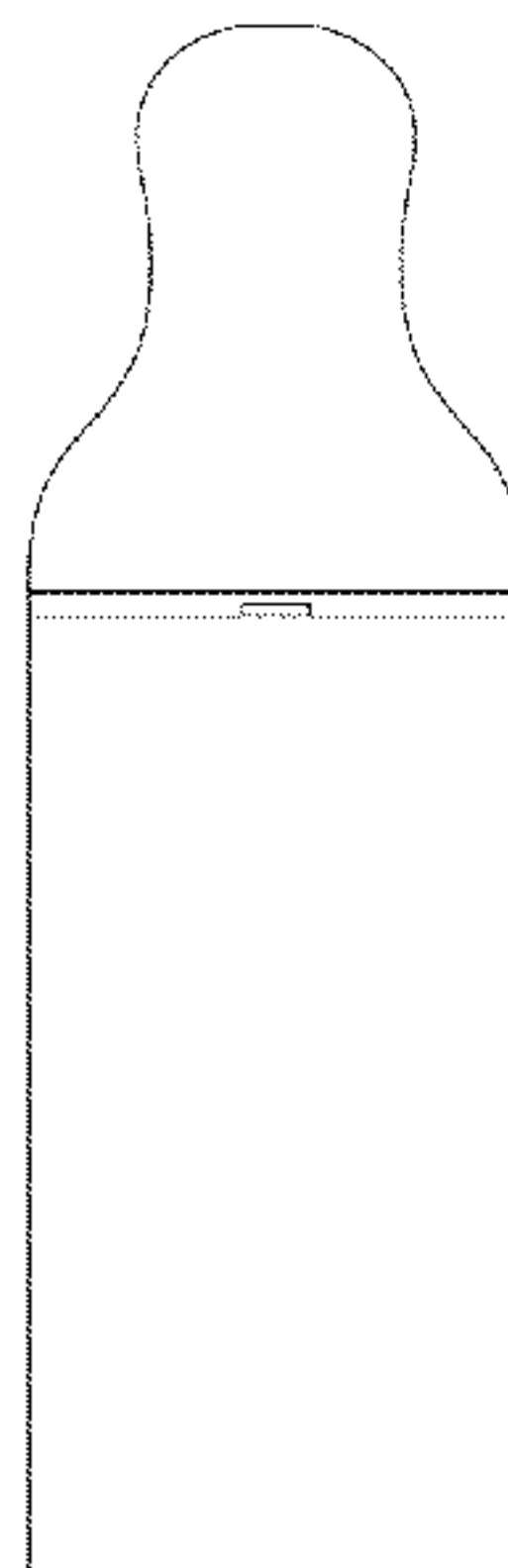


FIG. 18 is a bottom plan view of design 1 showing component 1 and component 2 assembled together;

FIG. 19 is a perspective view design 1 showing component 1 and component 2 assembled together;

FIG. 20 is an enlarged view of part A;

FIG. 21 is an enlarged view of part B;

FIG. 22 is a front elevation view of component 1 of design 2;

FIG. 23 is a front elevation view of component 2 of design 2;

FIG. 24 is a rear elevation view of component 2 of design 2;

FIG. 25 is a left side elevation view of component 2 of design 2;

FIG. 26 is a right side elevation view of component 2 of design 2;

FIG. 27 is a top plan view of design component 2 of design 2;

FIG. 28 is a bottom plan view of component 2 of design 2;

FIG. 29 is a front elevation view of design 2 showing component 1 and component 2 assembled together;

FIG. 30 is a rear elevation view of design 2 showing component 1 and component 2 assembled together;

FIG. 31 is a left side elevation view of design 2 showing component 1 and component 2 assembled together;

FIG. 32 is a right side elevation view of design 2 showing component 1 and component 2 assembled together;

FIG. 33 is a top plan view of design 2 showing component 1 and component 2 assembled together;

FIG. 34 is a bottom plan view of design 2 showing component 1 and component 2 assembled together;

FIG. 35 is a perspective view of design 2 showing component 1 and component 2 assembled together;

FIG. 36 is an enlarged view of part C; and,

FIG. 37 is an enlarged view of part D.

The broken lines in FIGS. 6, 11 and 27 showing portions of the tobacco vaporizer form no part of the claimed design.

1 Claim, 29 Drawing Sheets

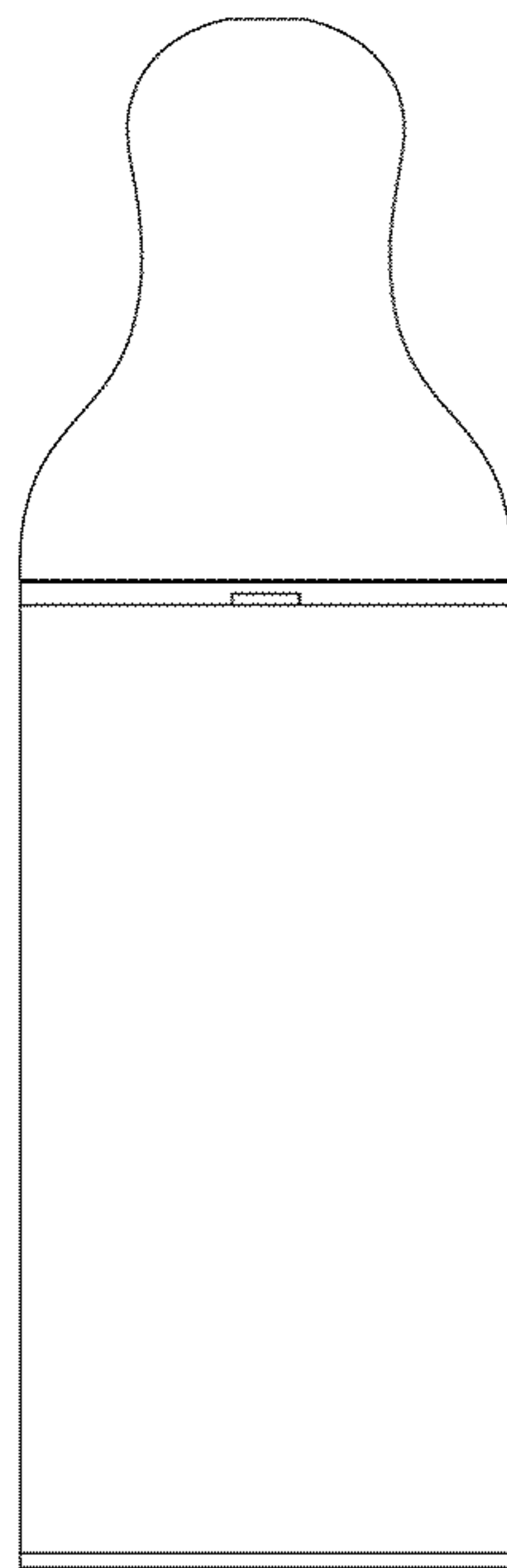


Fig. 1

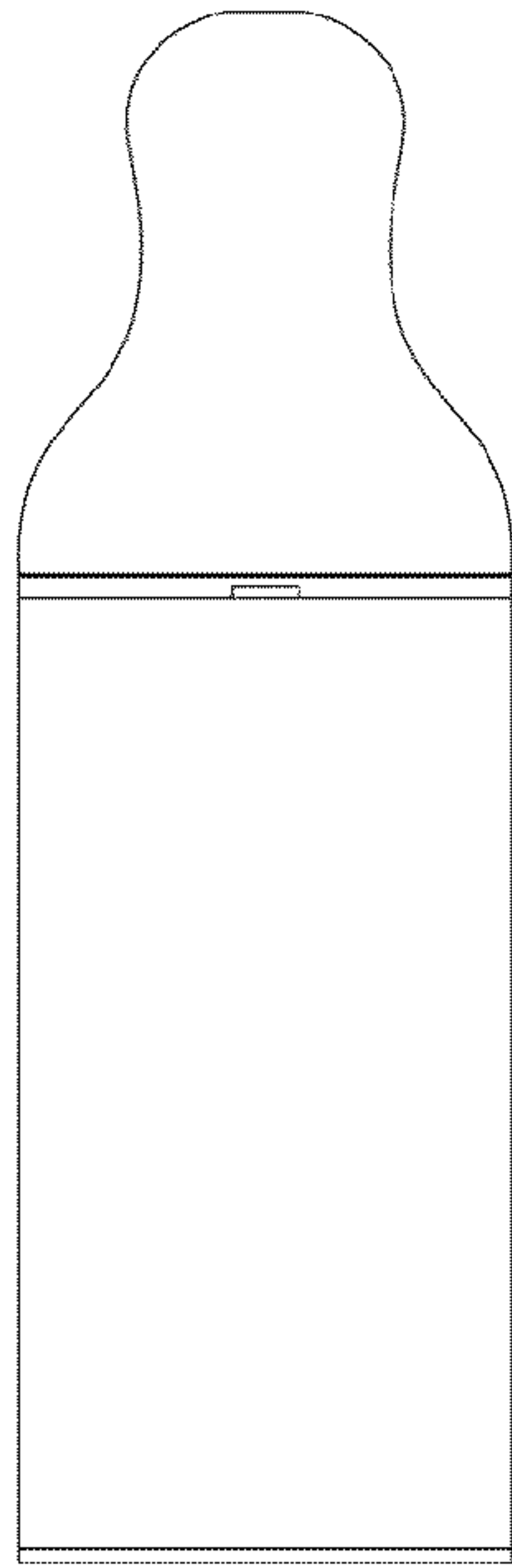


Fig. 2

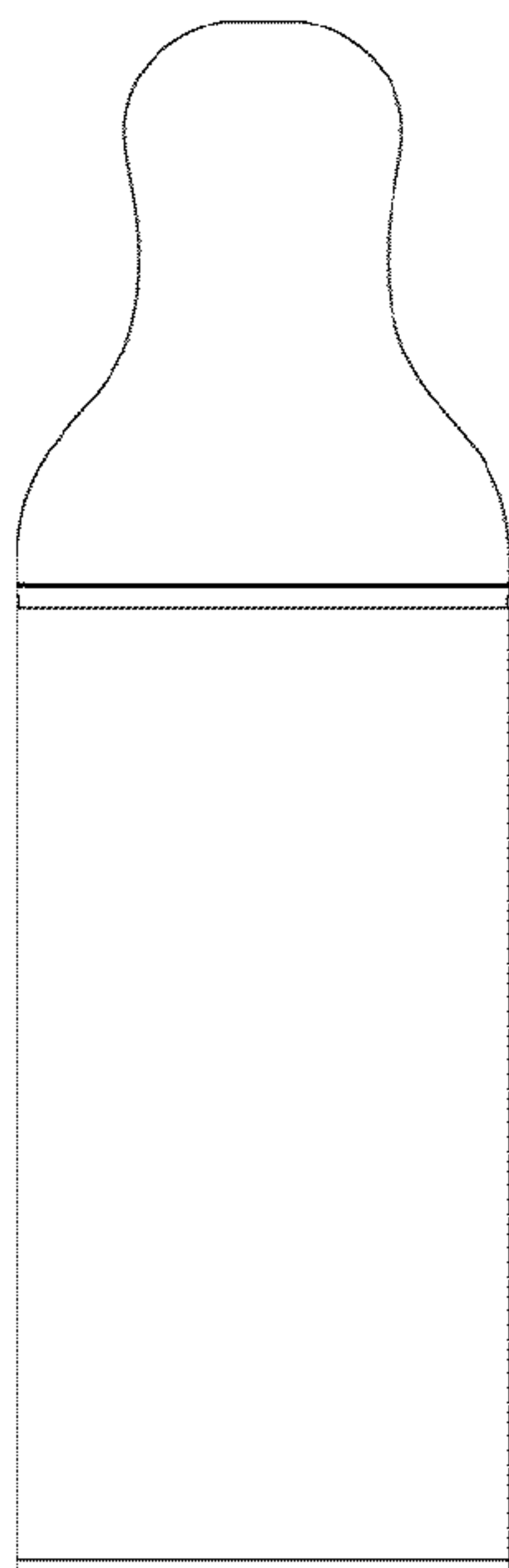


Fig. 3

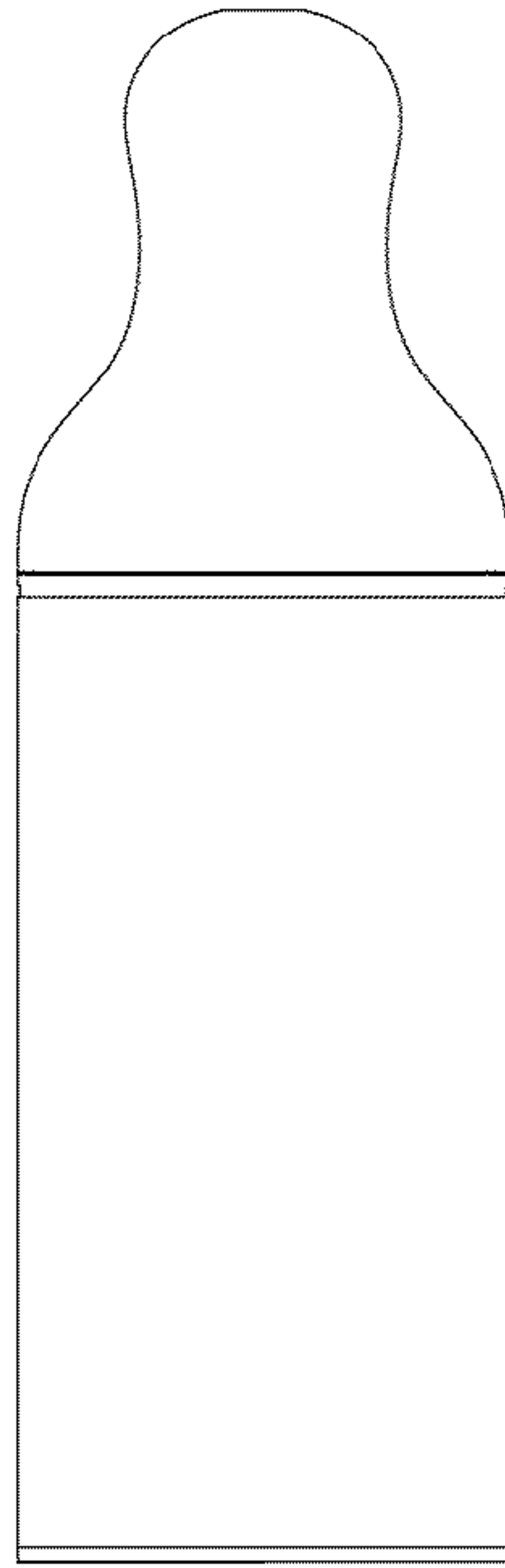


Fig. 4

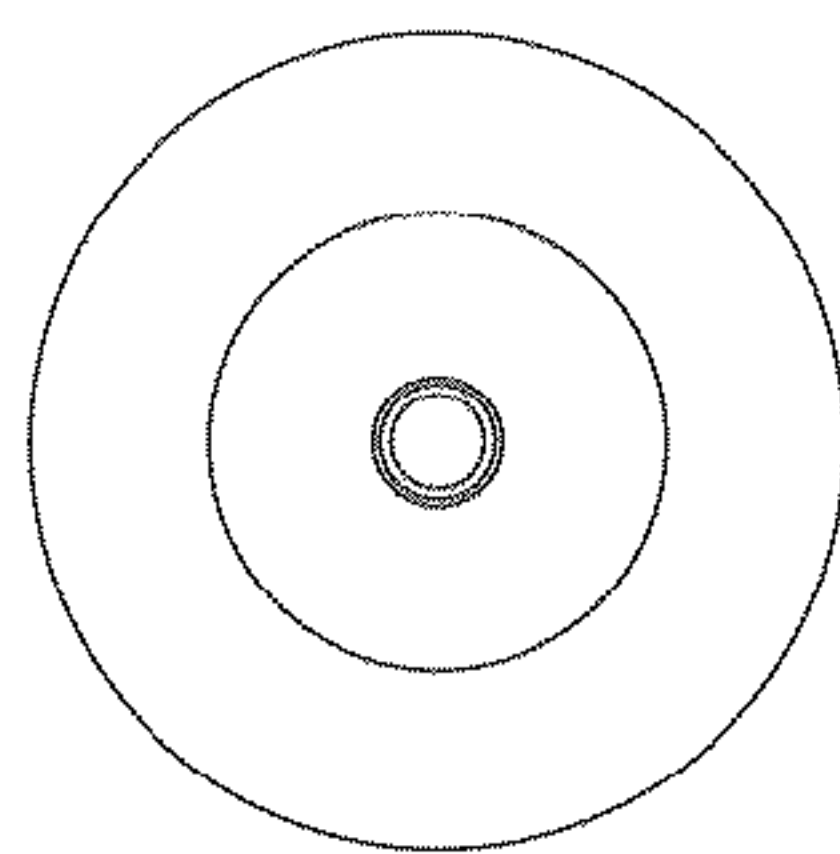


Fig. 5

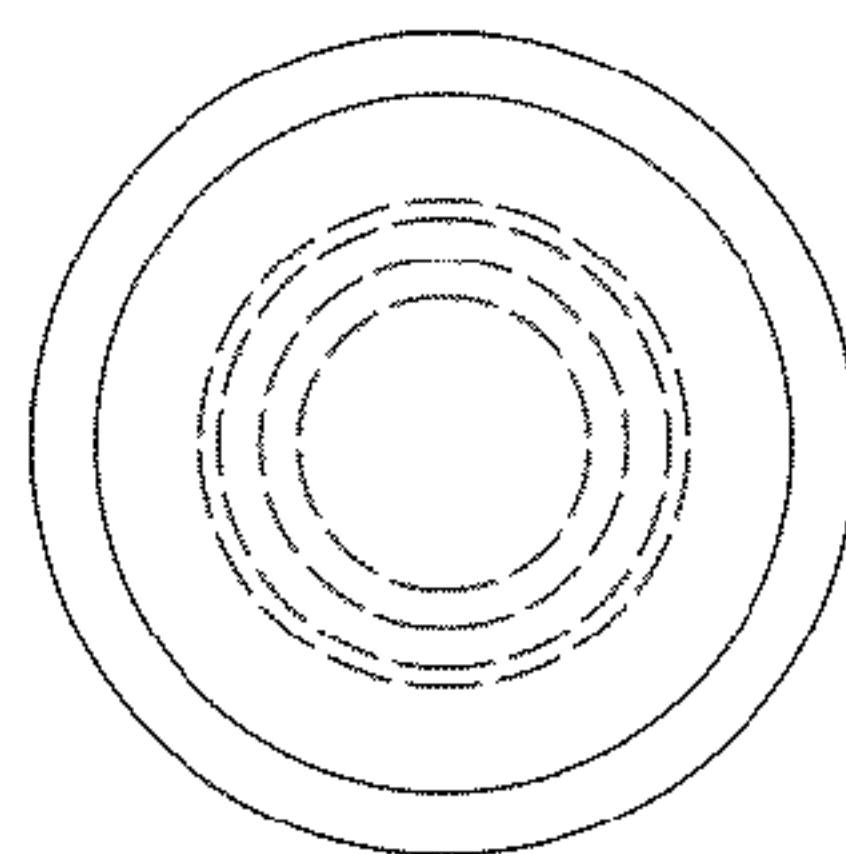


Fig. 6

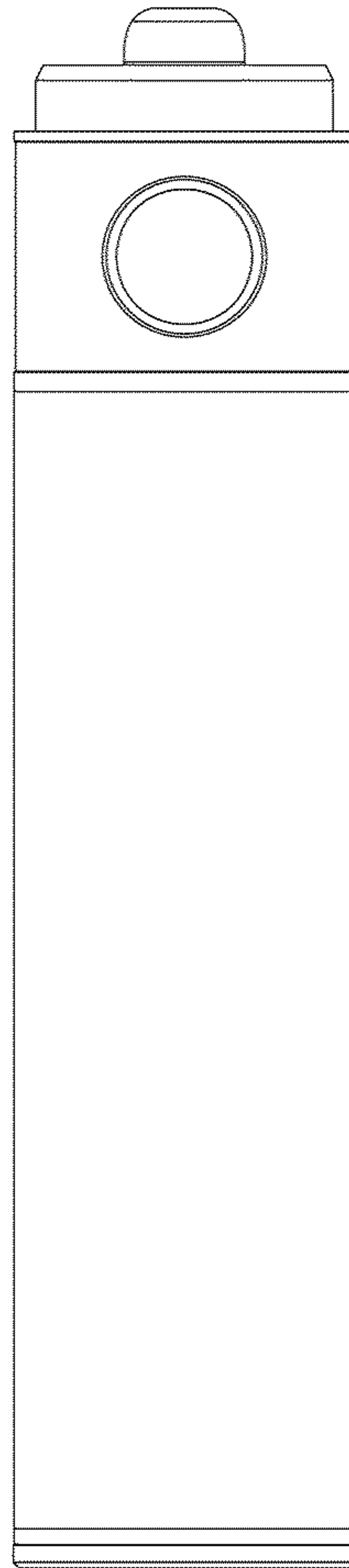


Fig. 7

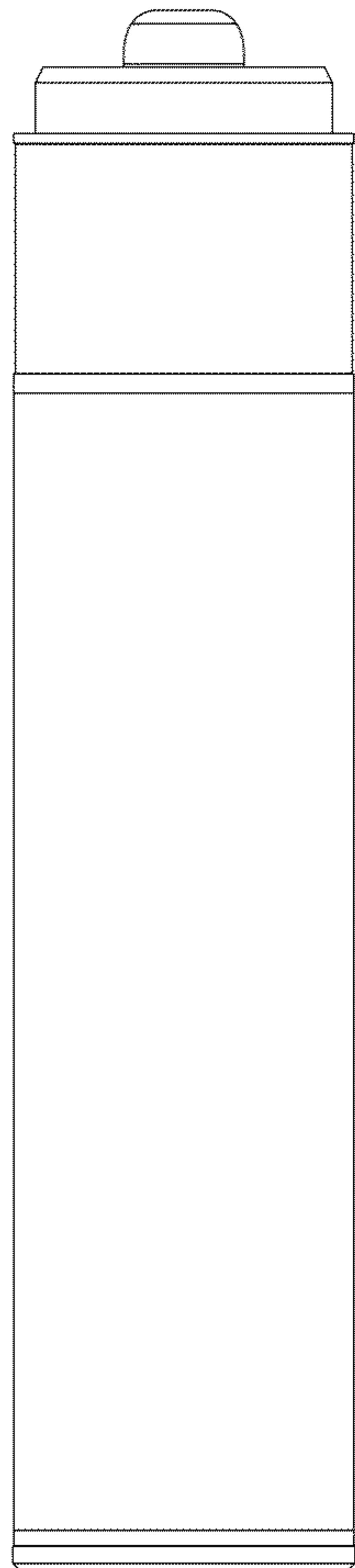


Fig. 8



Fig. 9

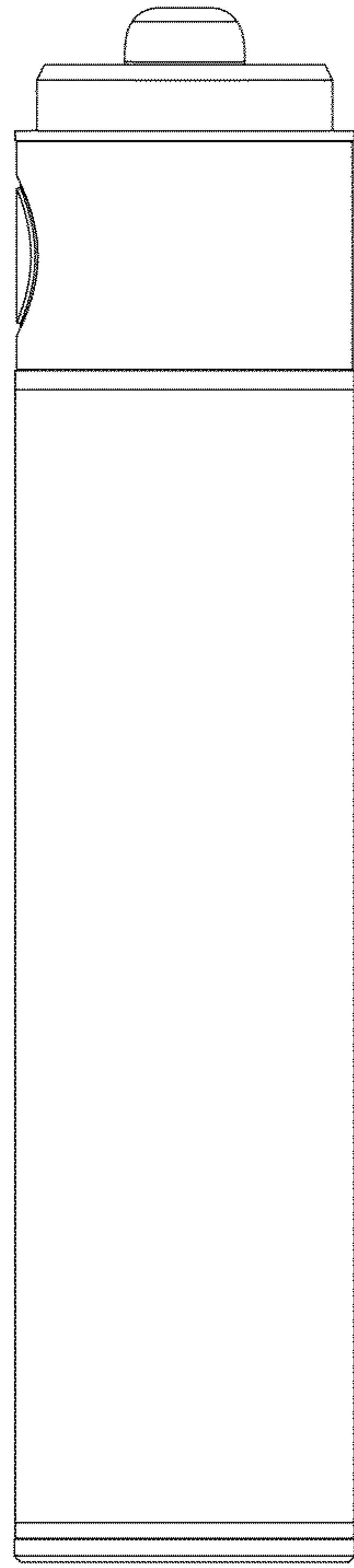


Fig. 10

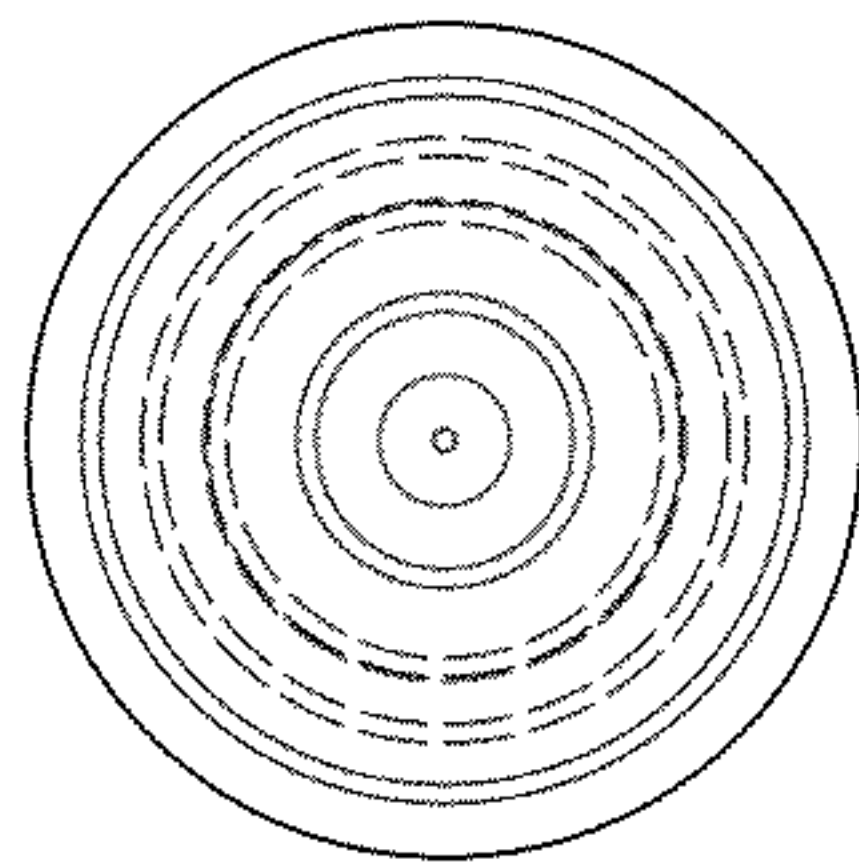


Fig. 11

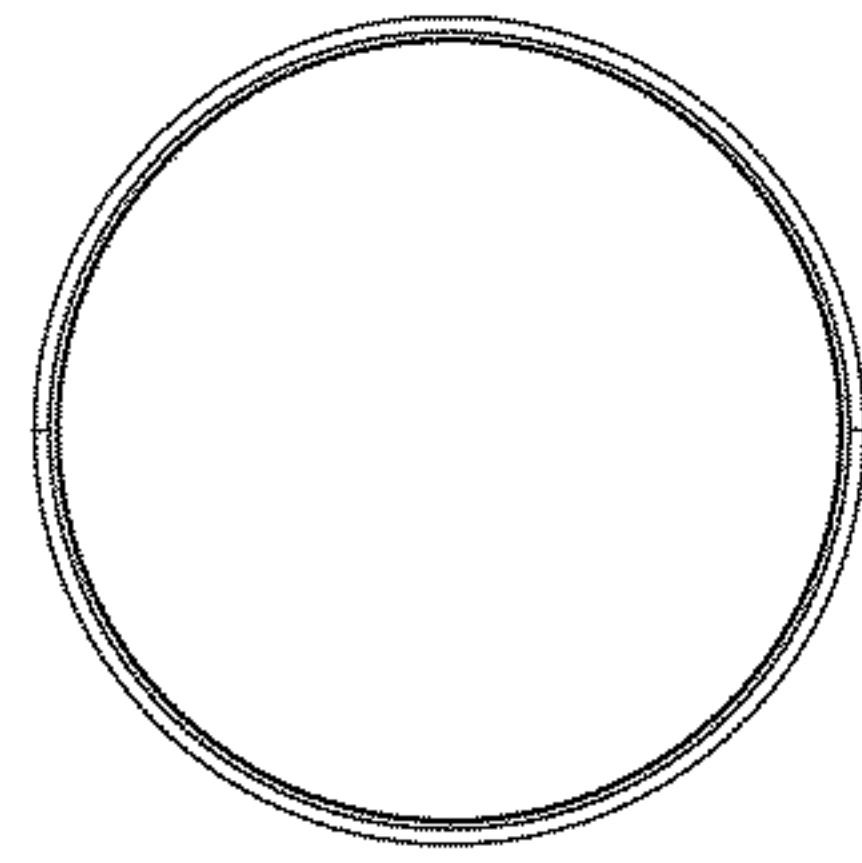


Fig. 12

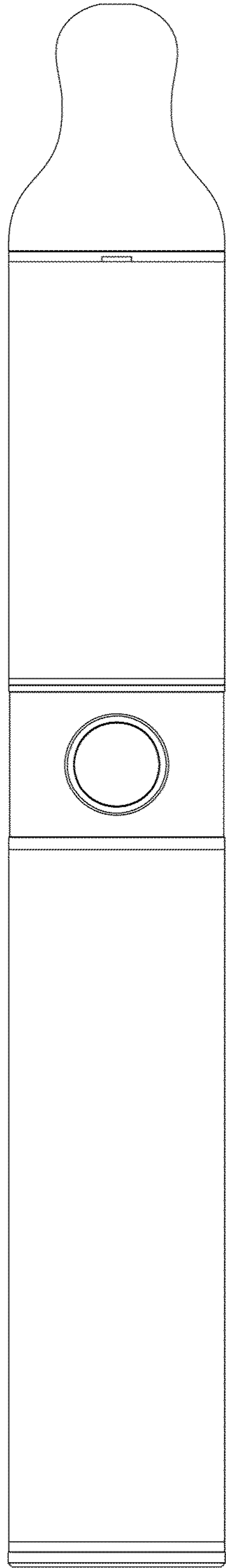


Fig. 13

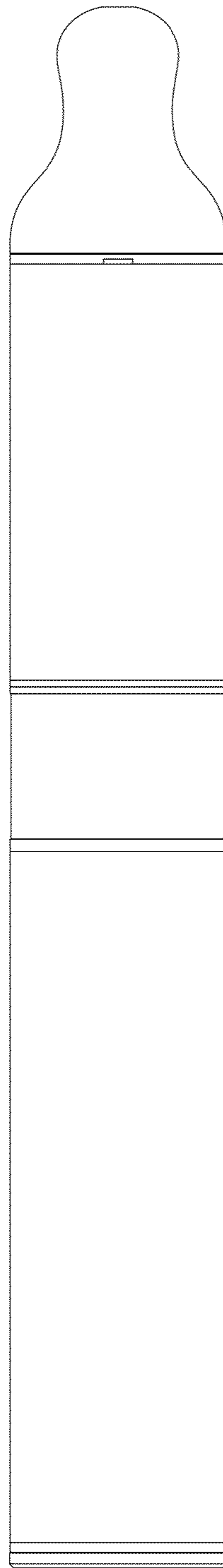


Fig. 14

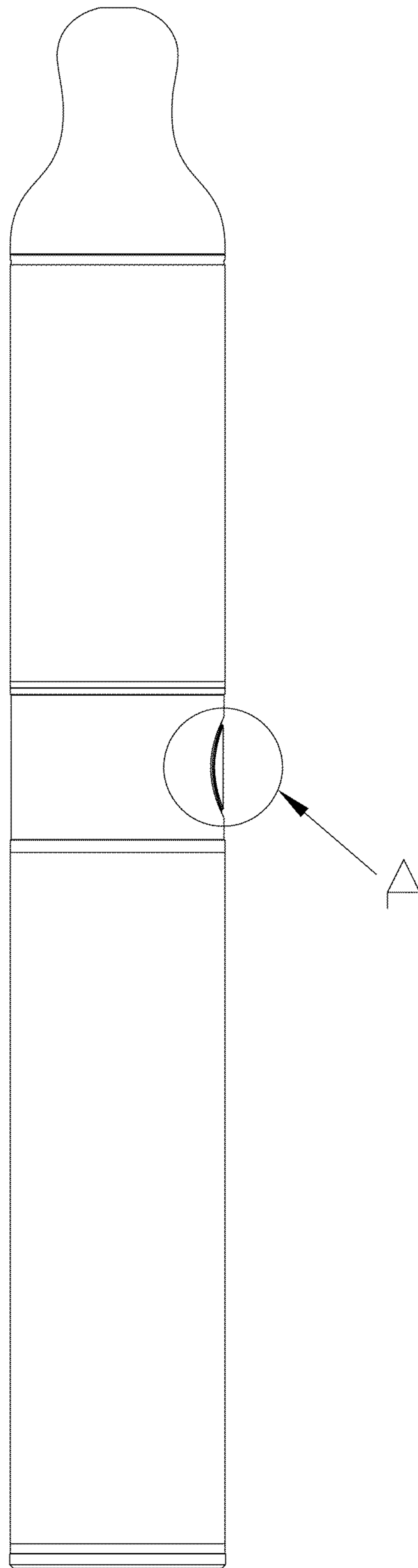


Fig. 15

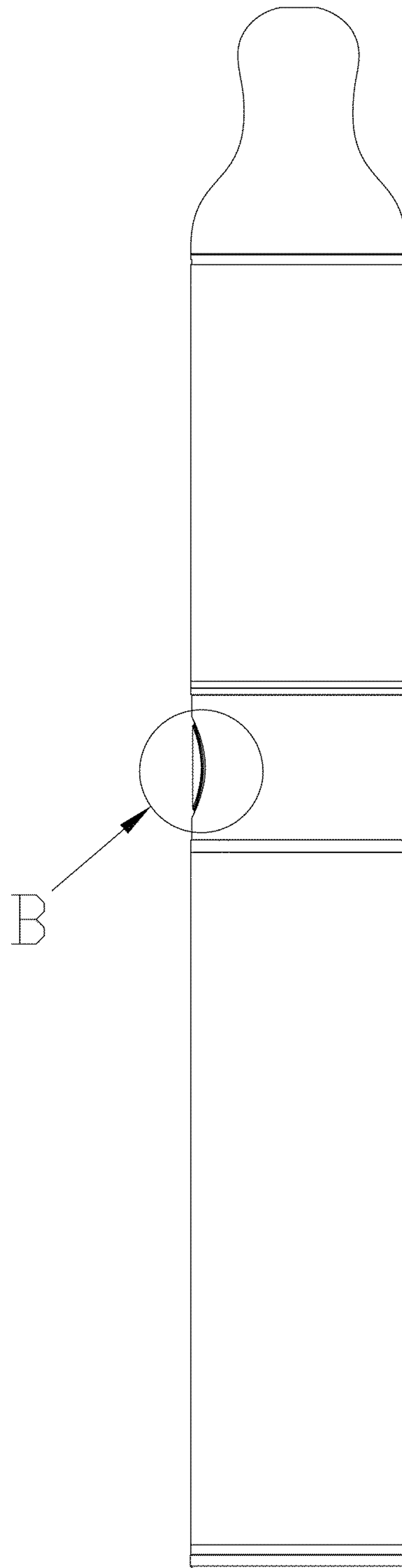


Fig. 16

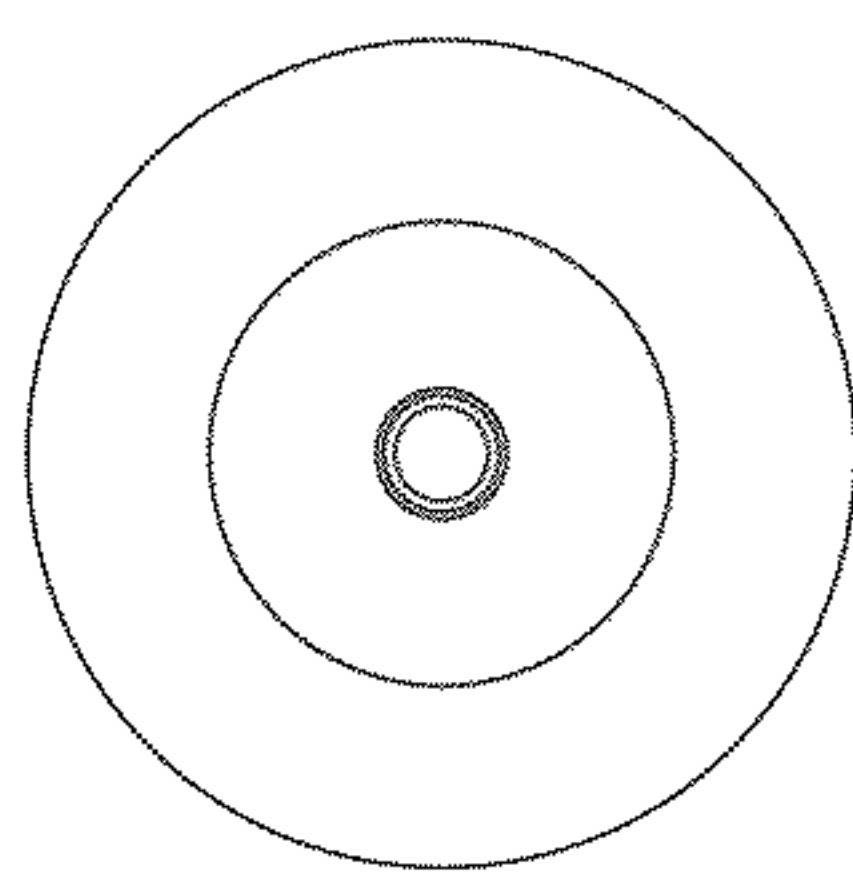


Fig. 17

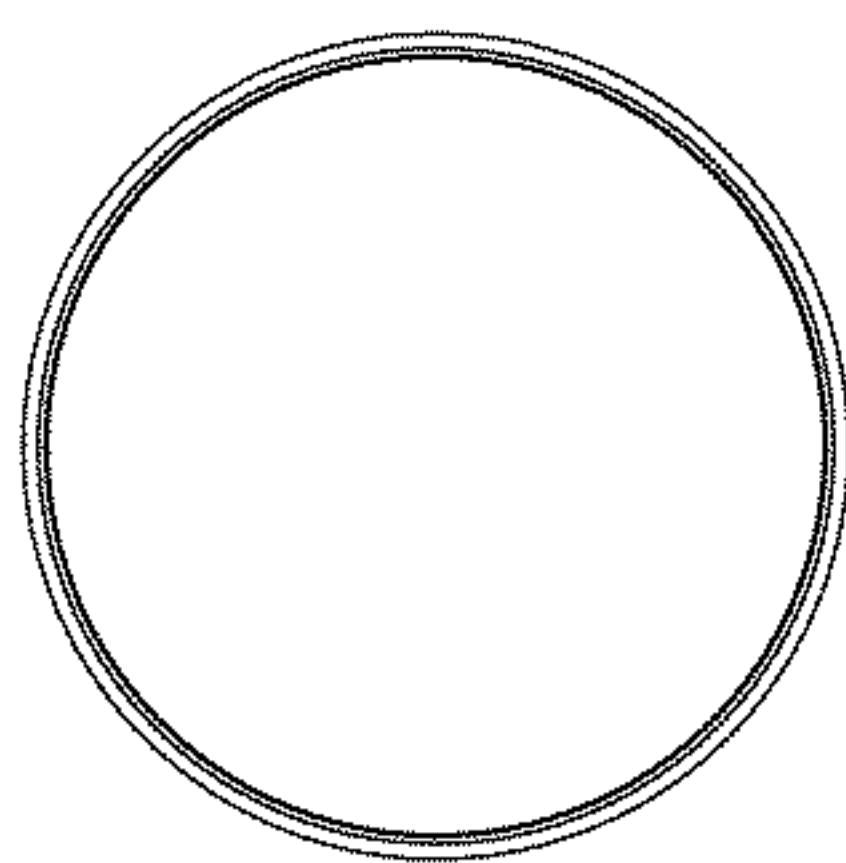


Fig. 18

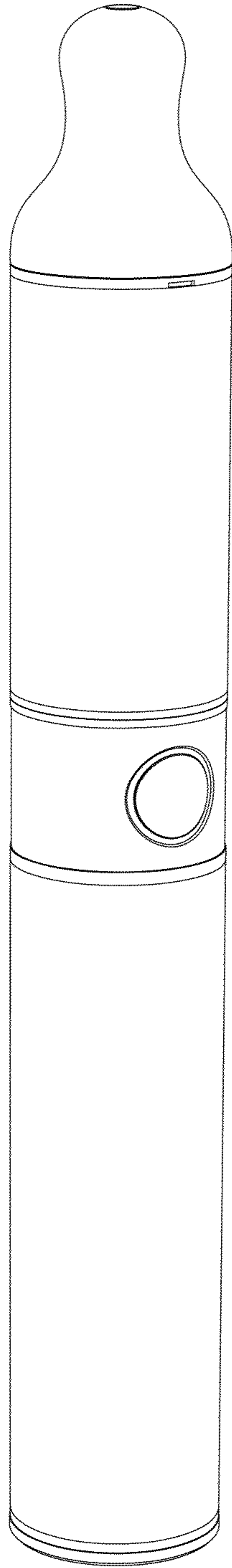


Fig. 19

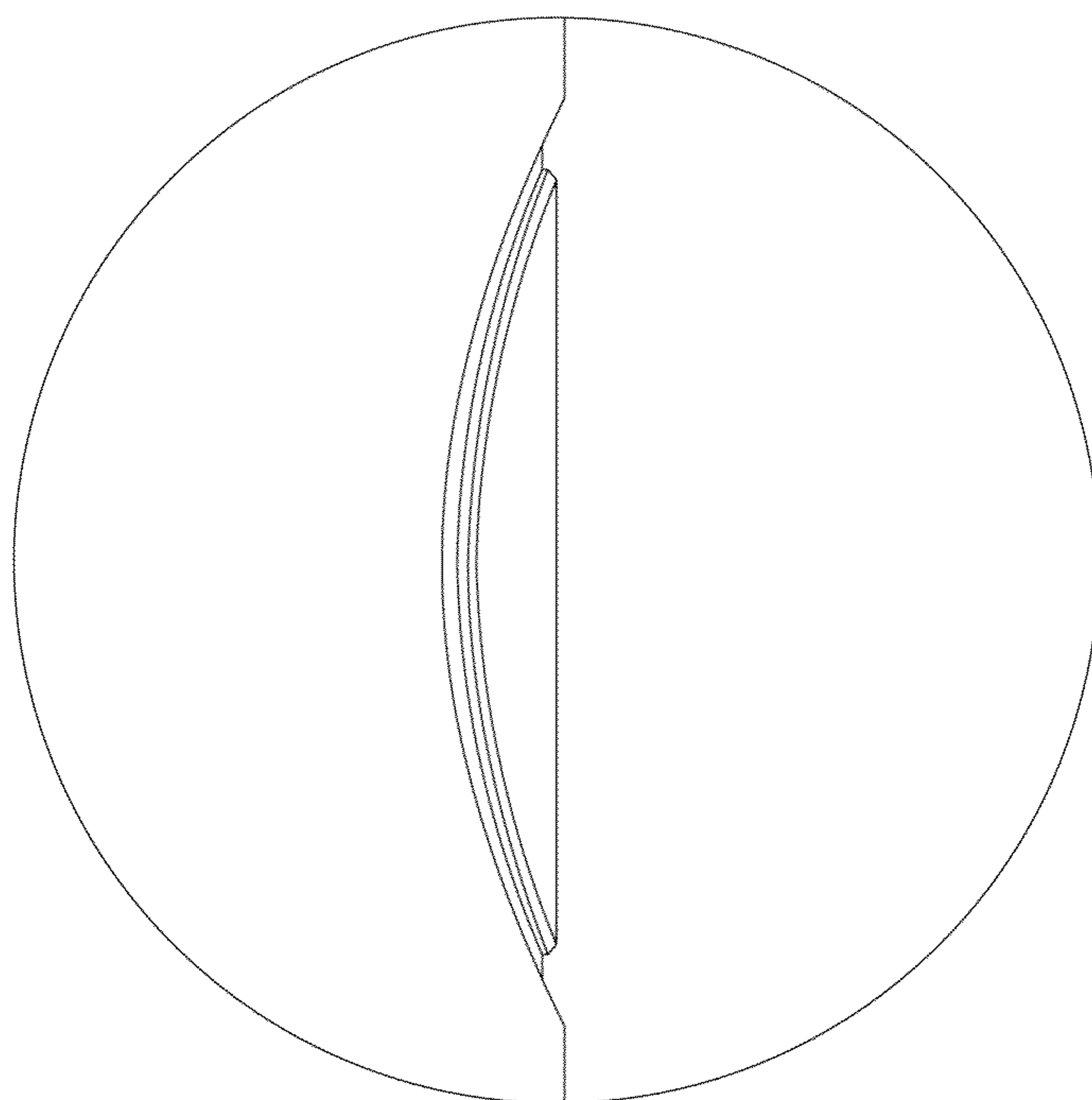


Fig. 20

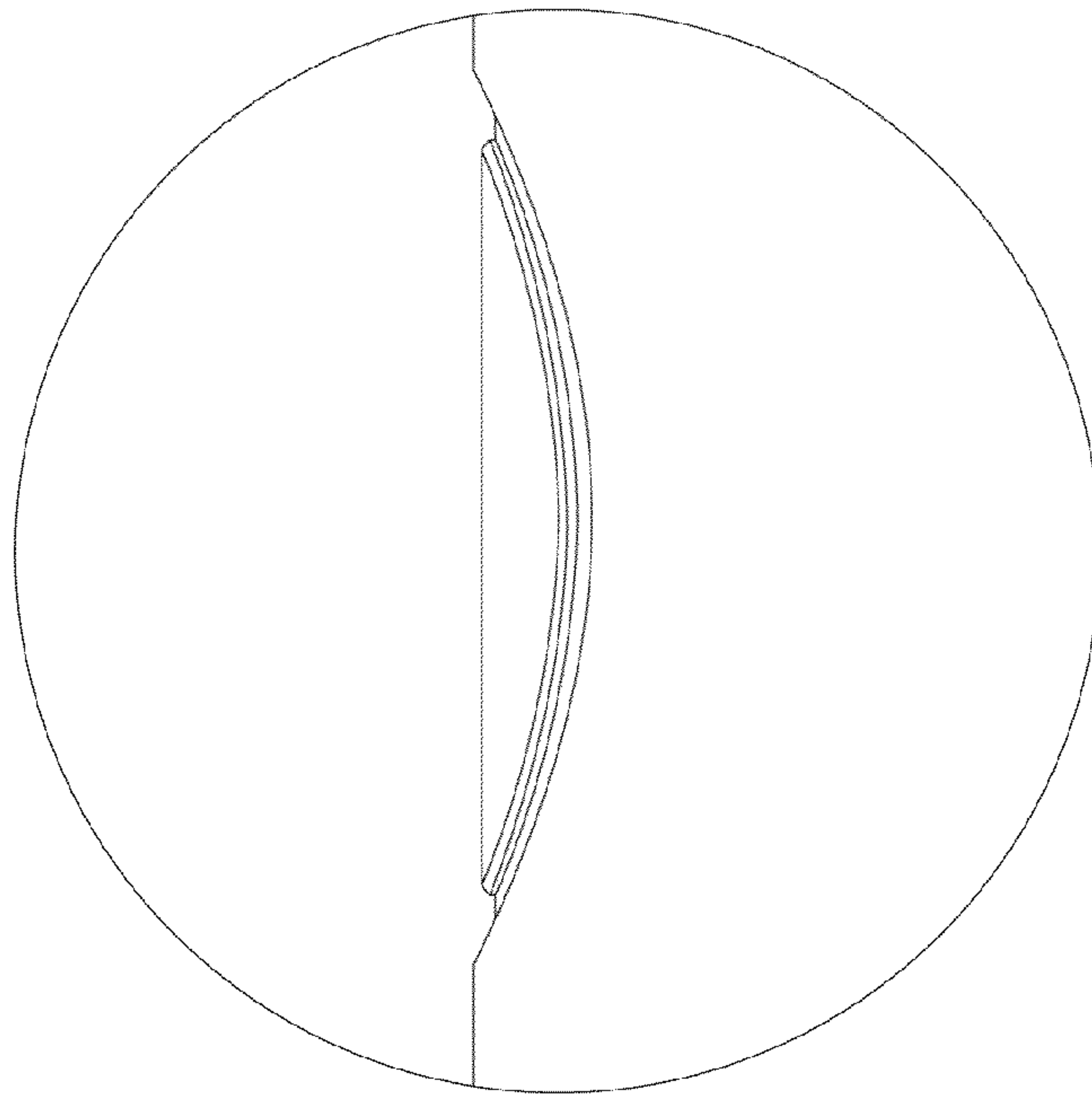


Fig. 21

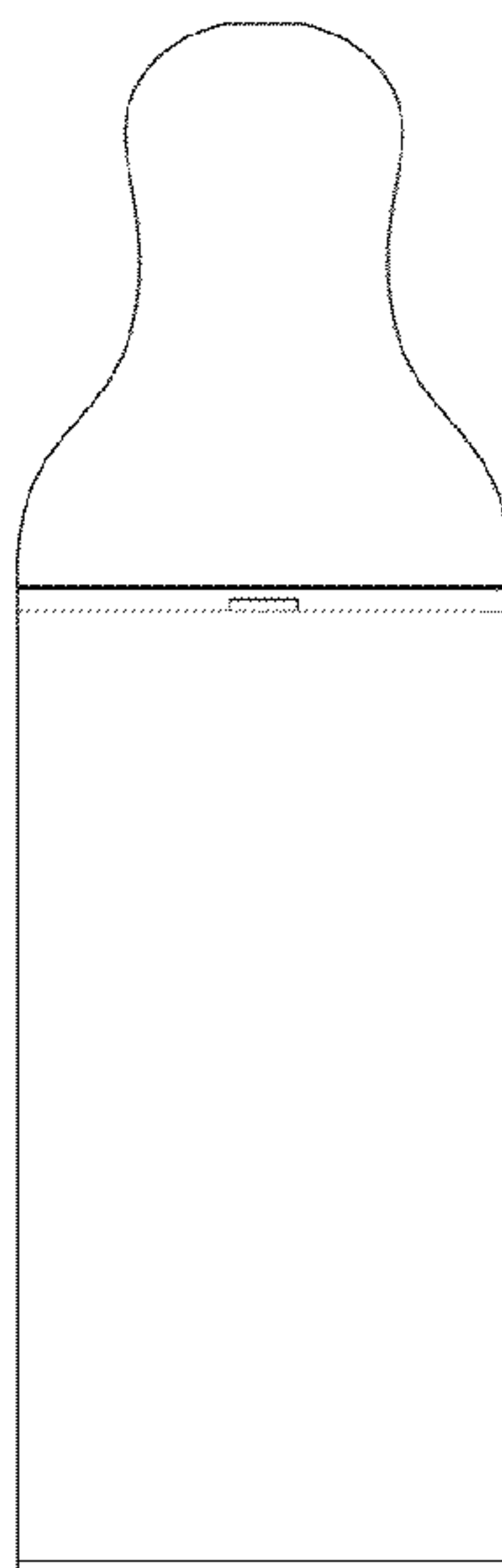


Fig. 22

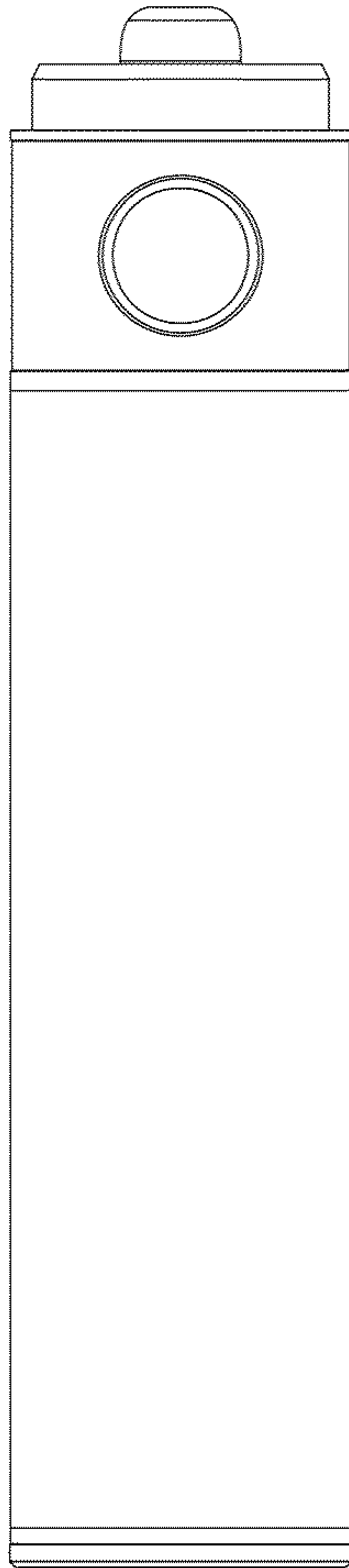


Fig. 23



Fig. 24



Fig. 25

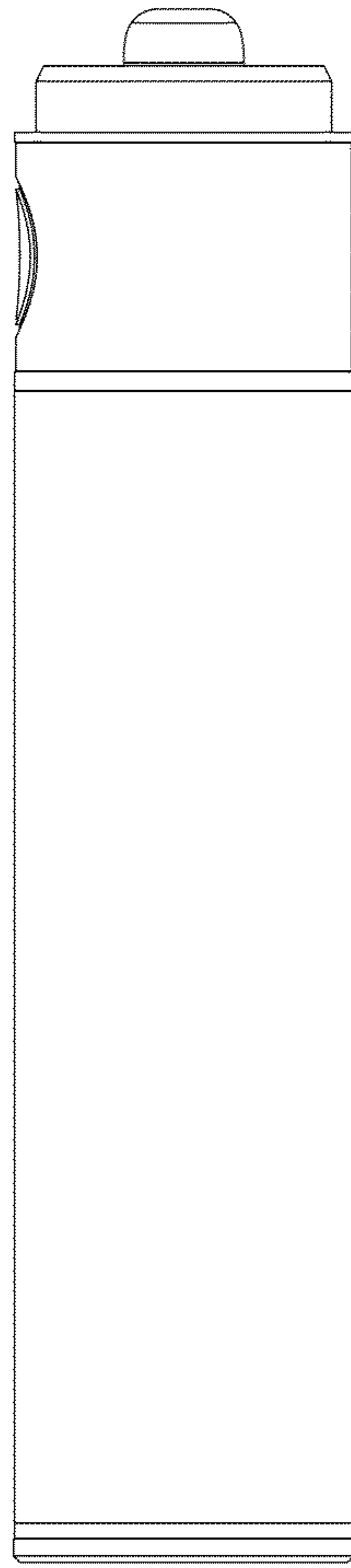


Fig. 26

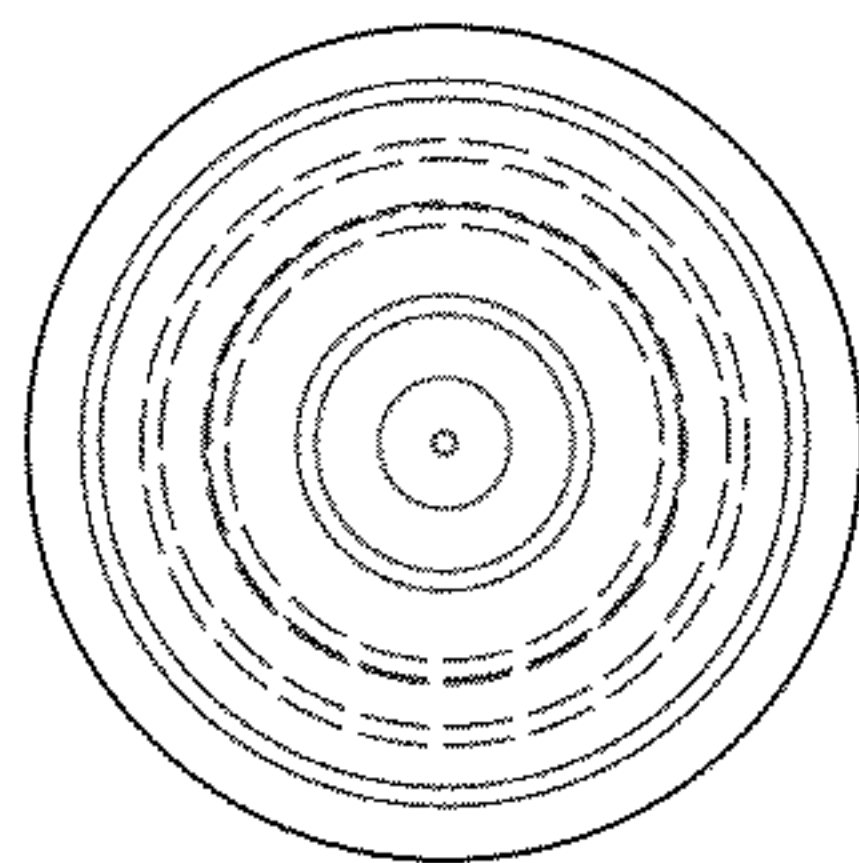


Fig. 27

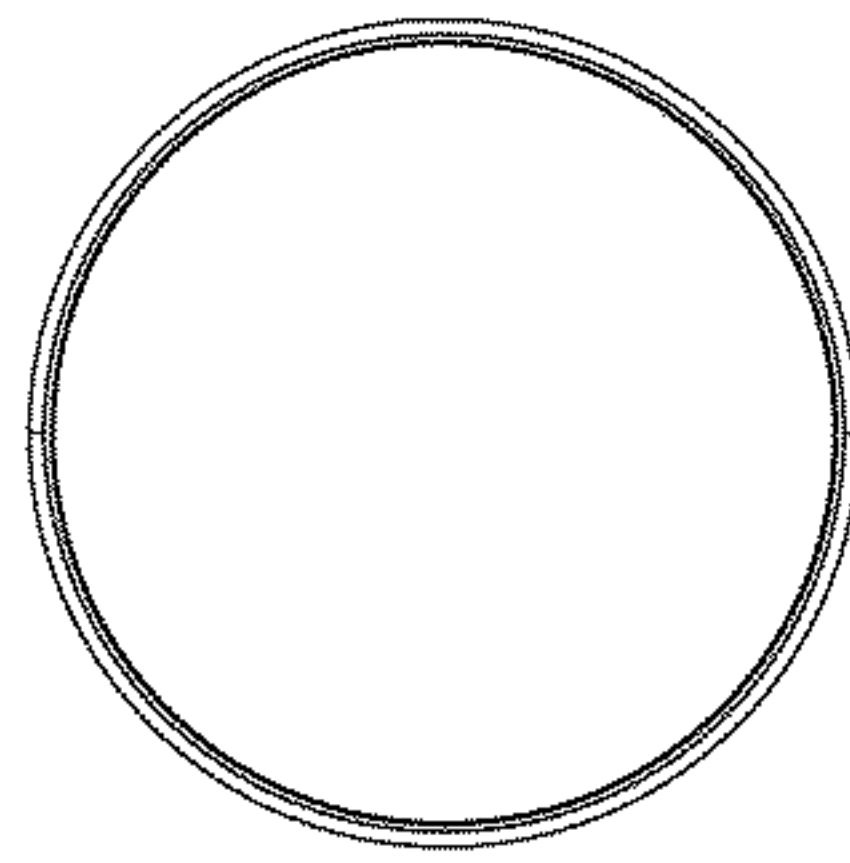


Fig. 28

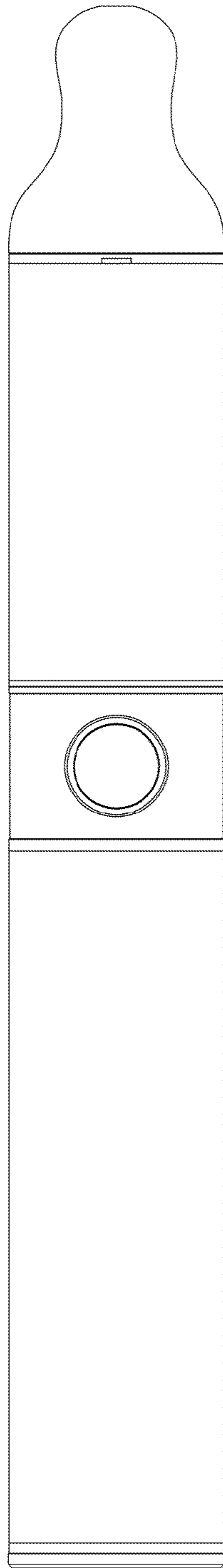


Fig. 29

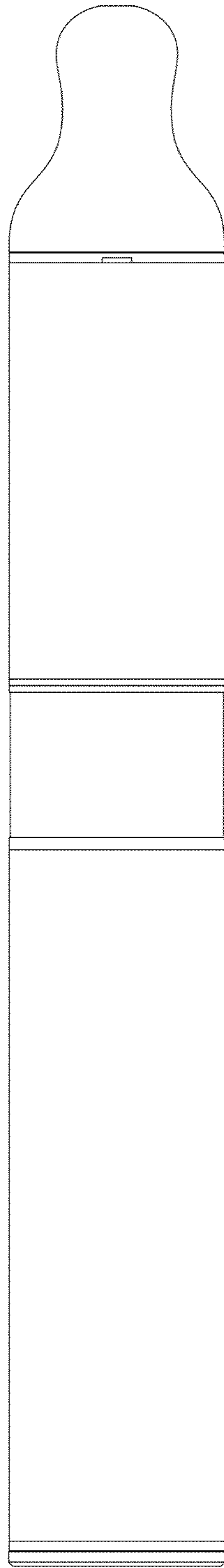


Fig. 30

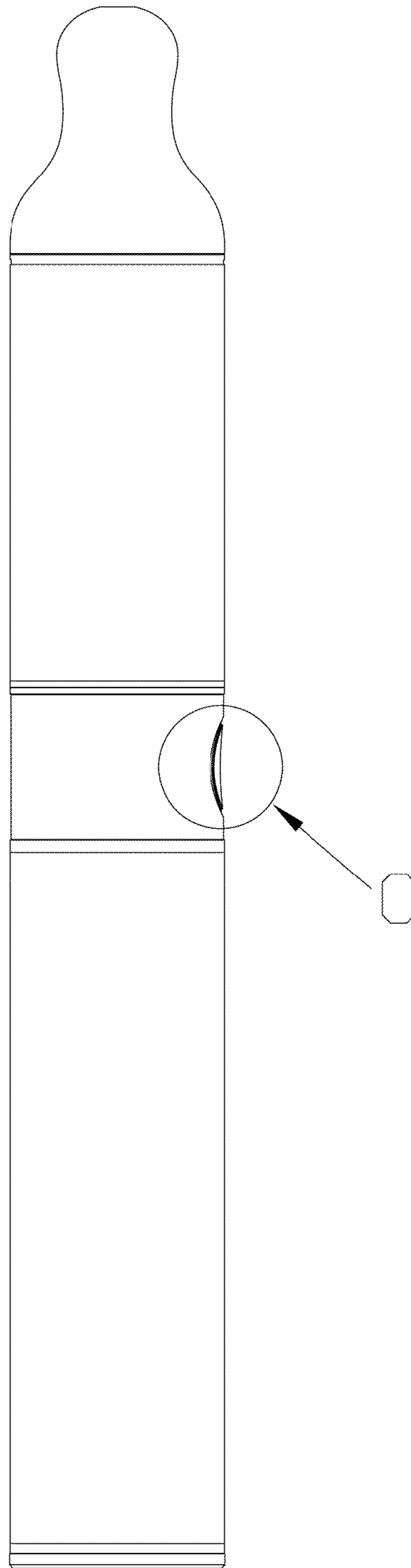


Fig. 31

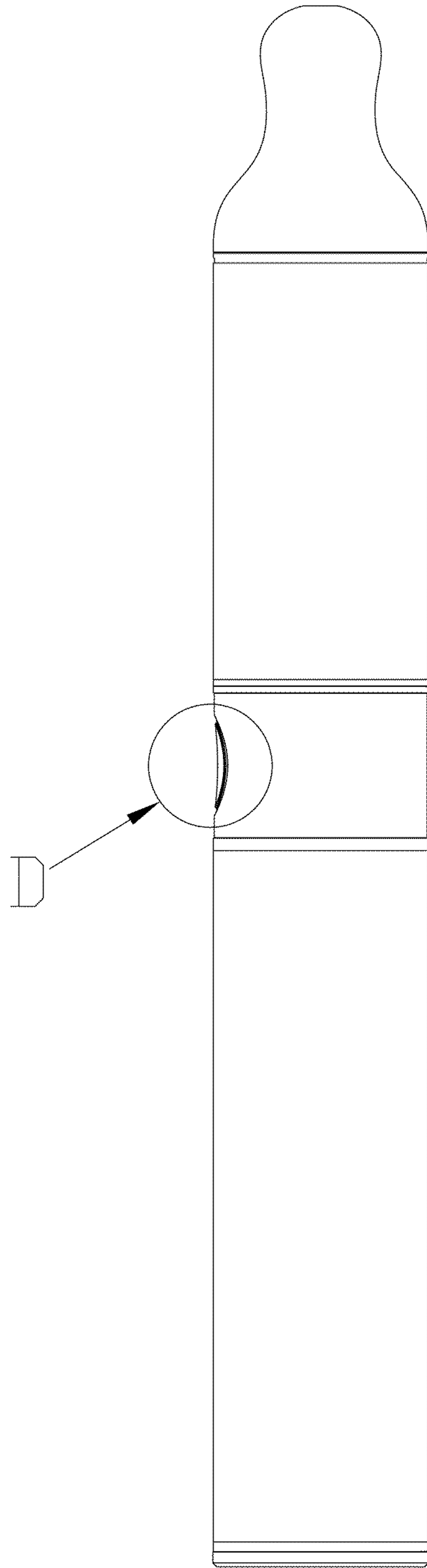


Fig. 32

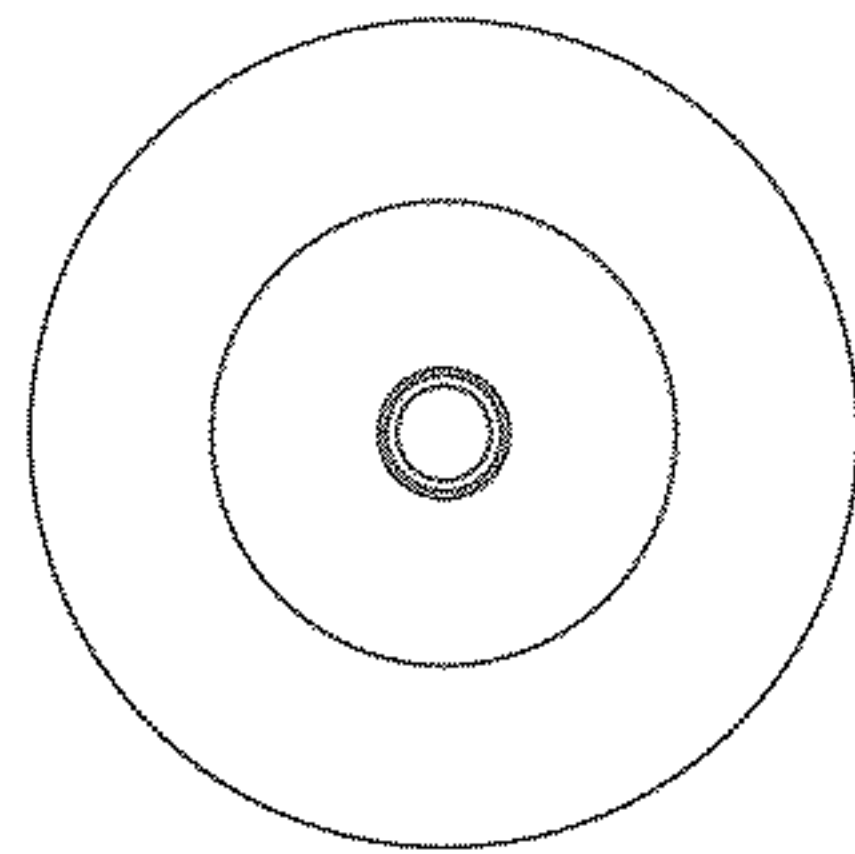


Fig. 33

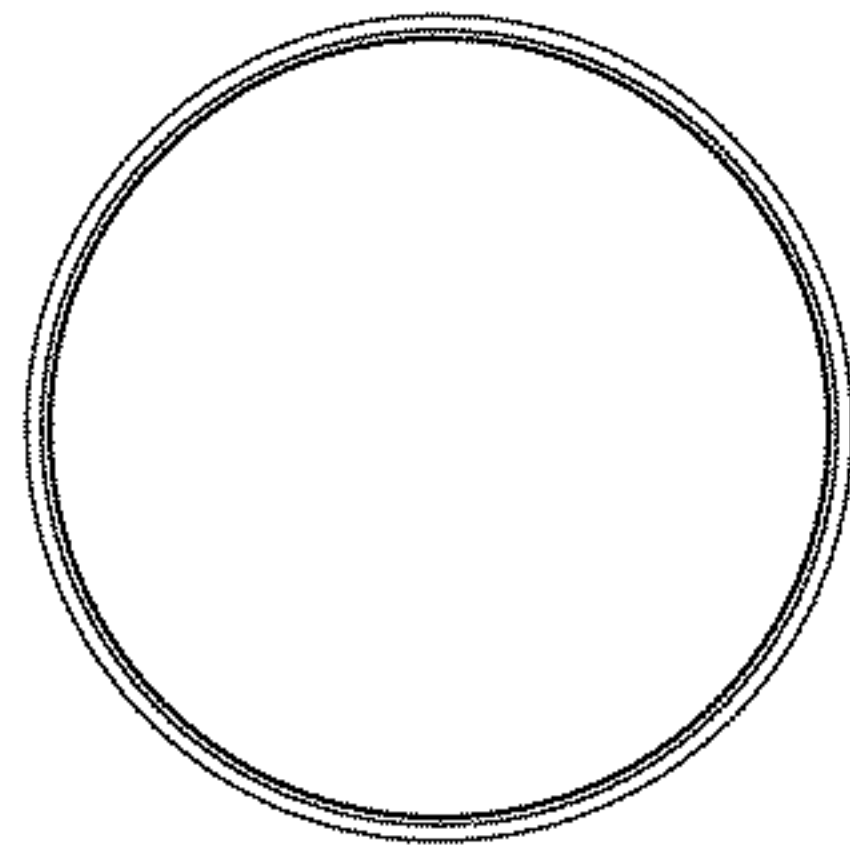


Fig. 34

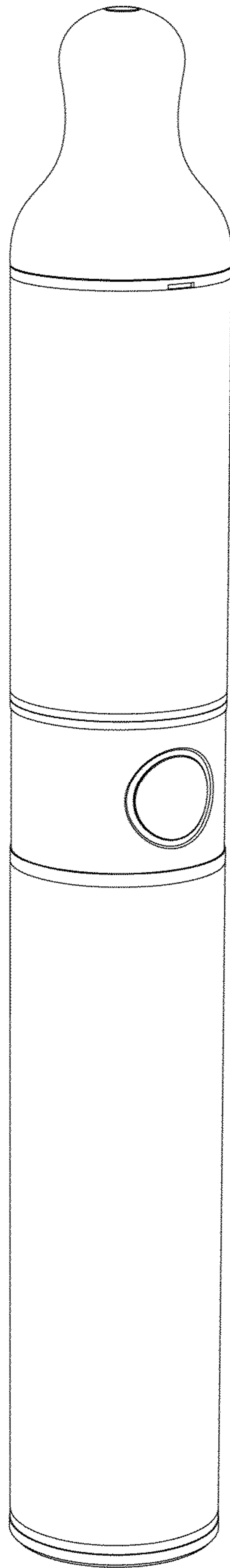


Fig. 35

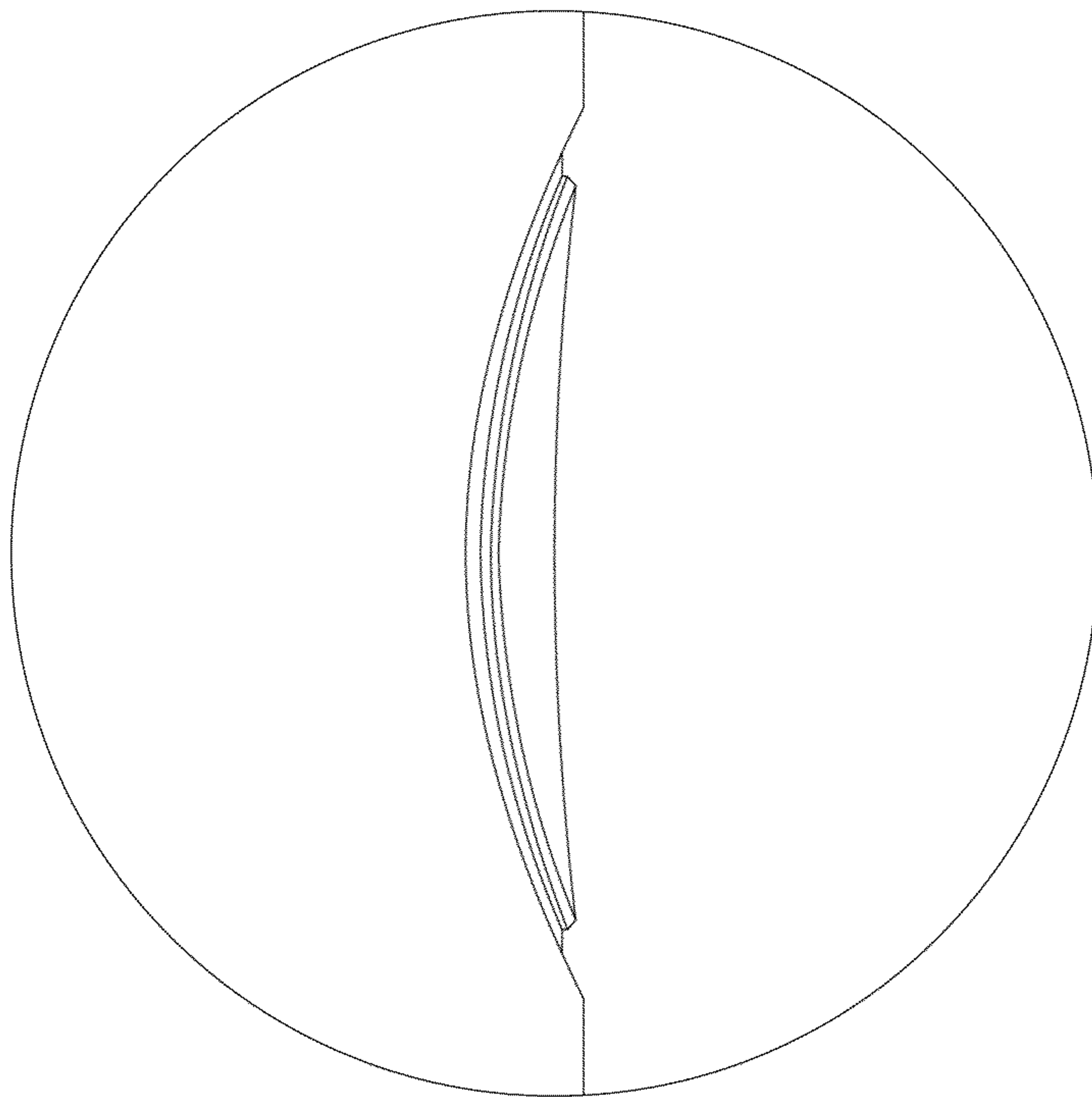


Fig. 36

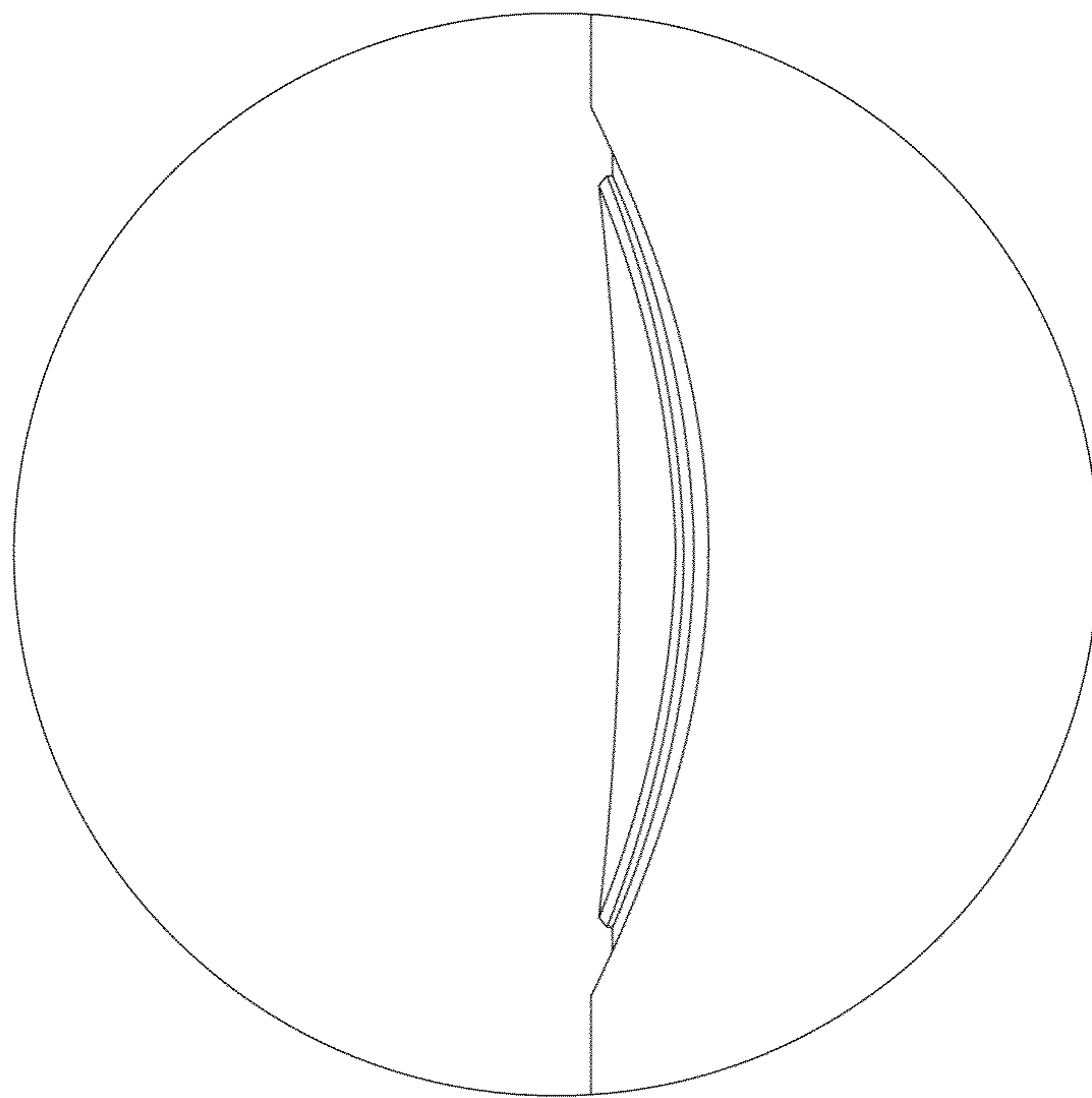


Fig. 37