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

(10) **Patent No.:** **US D831,154 S**
(45) **Date of Patent:** **** Oct. 16, 2018**

(54) **FILTER CARTRIDGE**

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

(21) Appl. No.: **29/599,822**

(22) Filed: **Apr. 6, 2017**

(51) **LOC (11) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/209**

(58) **Field of Classification Search**
USPC D23/207, 209; 210/232, 282, 493.2
(Continued)

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(Continued)

Primary Examiner — Robin V Webster

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(57) **CLAIM**

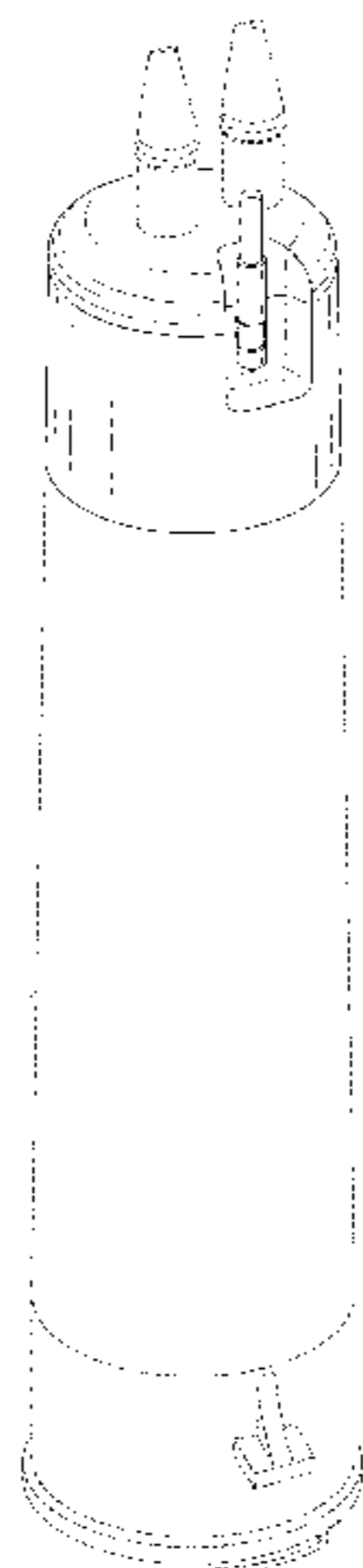
The ornamental design for a filter cartridge, as shown and described.

DESCRIPTION

FIG. 1 is a front and top perspective view of a filter cartridge embodying the new design, according to a first embodiment; FIG. 2 is a rear and top perspective view thereof; FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof; FIG. 5 is a left side elevational view thereof; FIG. 6 is a right side elevational view thereof; FIG. 7 is a top plan view thereof; FIG. 8 is a bottom plan view thereof; FIG. 9 is a front and bottom, perspective view thereof; FIG. 10 is a rear and bottom perspective view thereof. FIG. 11 is a front and top perspective view of a filter cartridge embodying the new design, according to a second embodiment; FIG. 12 is a rear and top perspective view thereof; FIG. 13 is a front elevational view thereof; FIG. 14 is a rear elevational view thereof; FIG. 15 is a left side elevational view thereof; FIG. 16 is a right side elevational view thereof; FIG. 17 is a top plan view thereof; FIG. 18 is a bottom plan view thereof; FIG. 19 is a front and bottom, perspective view thereof; FIG. 20 is a rear and bottom perspective view thereof. FIG. 21 is a front and top perspective view of a filter cartridge embodying the new design, according to a third embodiment; FIG. 22 is a rear and top perspective view thereof; FIG. 23 is a front elevational view thereof; FIG. 24 is a rear elevational view thereof; FIG. 25 is a left side elevational view thereof; FIG. 26 is a right side elevational view thereof; FIG. 27 is a top plan view thereof; FIG. 28 is a bottom plan view thereof; FIG. 29 is a front and bottom, perspective view thereof; FIG. 30 is a rear and bottom perspective view thereof. FIG. 31 is a front and top perspective view of a filter cartridge embodying the new design, according to a fourth embodiment; FIG. 32 is a rear and top perspective view thereof; FIG. 33 is a front elevational view thereof; FIG. 34 is a rear elevational view thereof; FIG. 35 is a left side elevational view thereof; FIG. 36 is a right side elevational view thereof; FIG. 37 is a top plan view thereof; FIG. 38 is a bottom plan view thereof; FIG. 39 is a front and bottom, perspective view thereof; and, FIG. 40 is a rear and bottom perspective view thereof.

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The broken lines are for the purpose of illustrating portions of the filter cartridge, and form no part of the claimed design.

1 Claim, 20 Drawing Sheets

(58) Field of Classification Search

CPC B01D 35/30; B01D 35/153; B01D 29/111;
C02F 1/003; B29C 47/682

See application file for complete search history.

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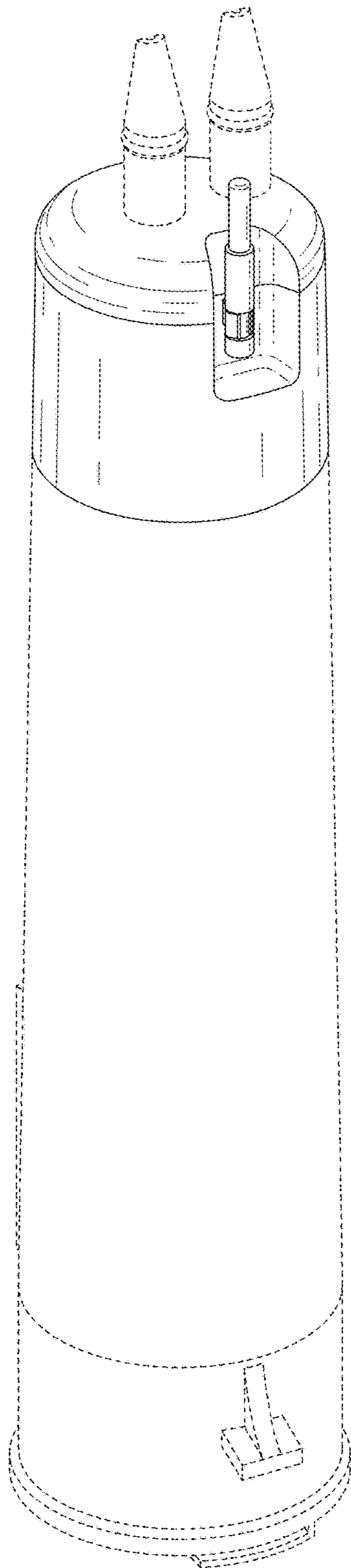


Fig. 1

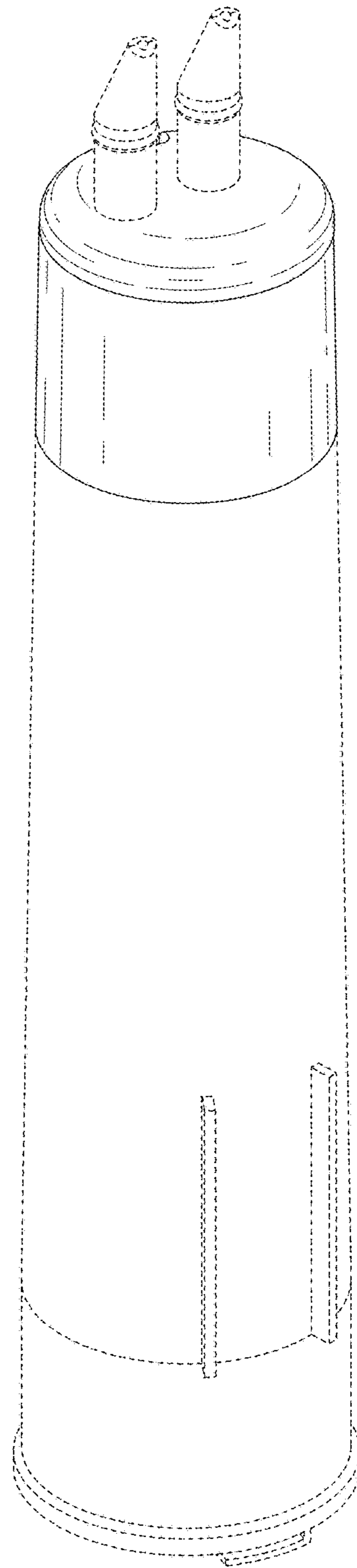


Fig. 2

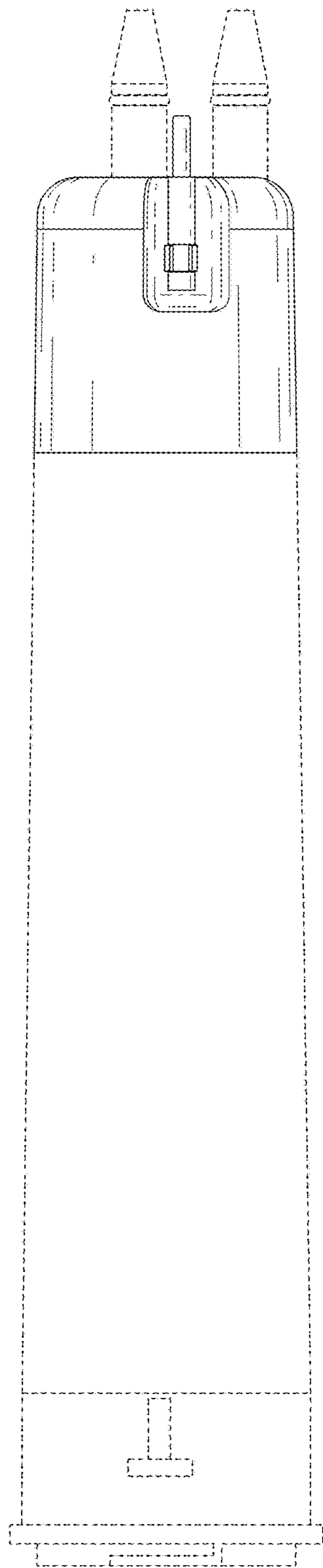


Fig. 3

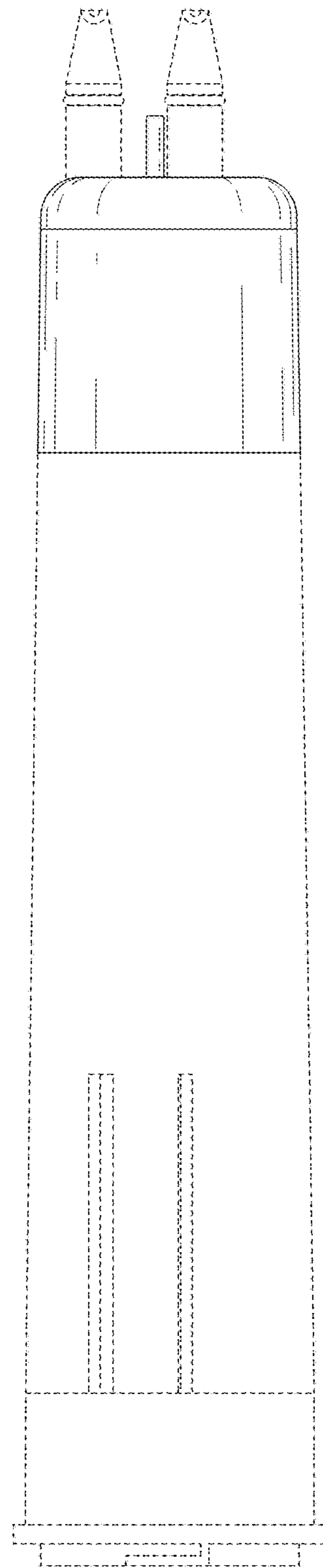


Fig. 4

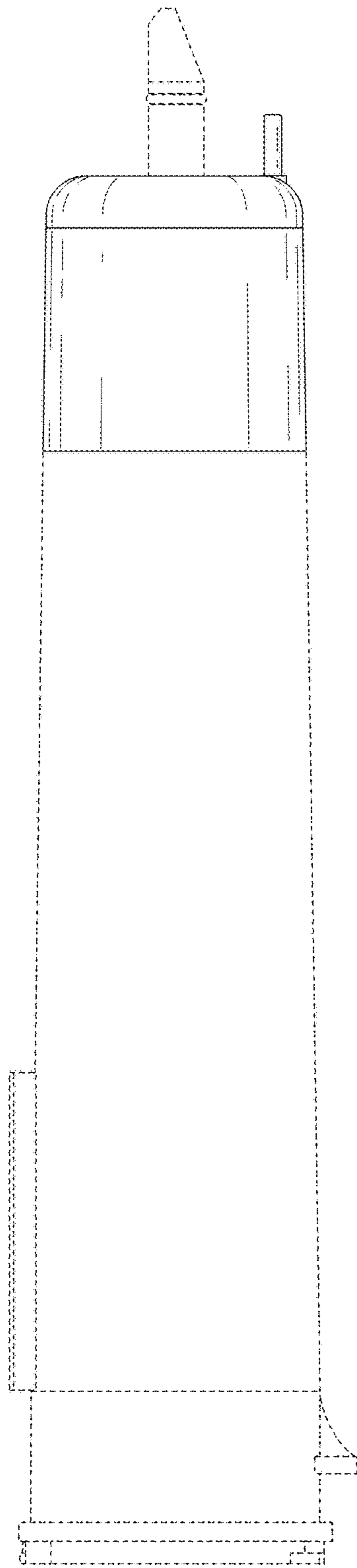


Fig. 5

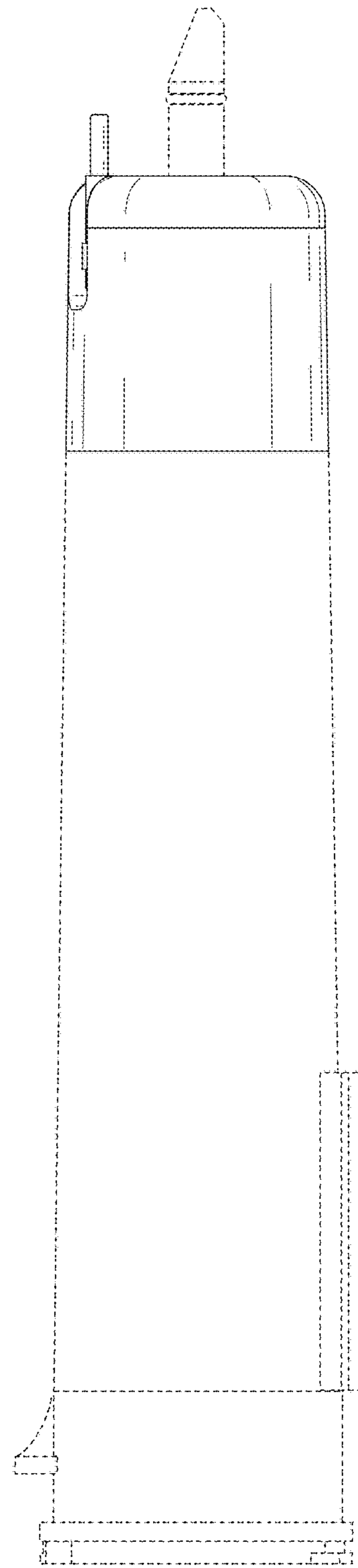


Fig. 6

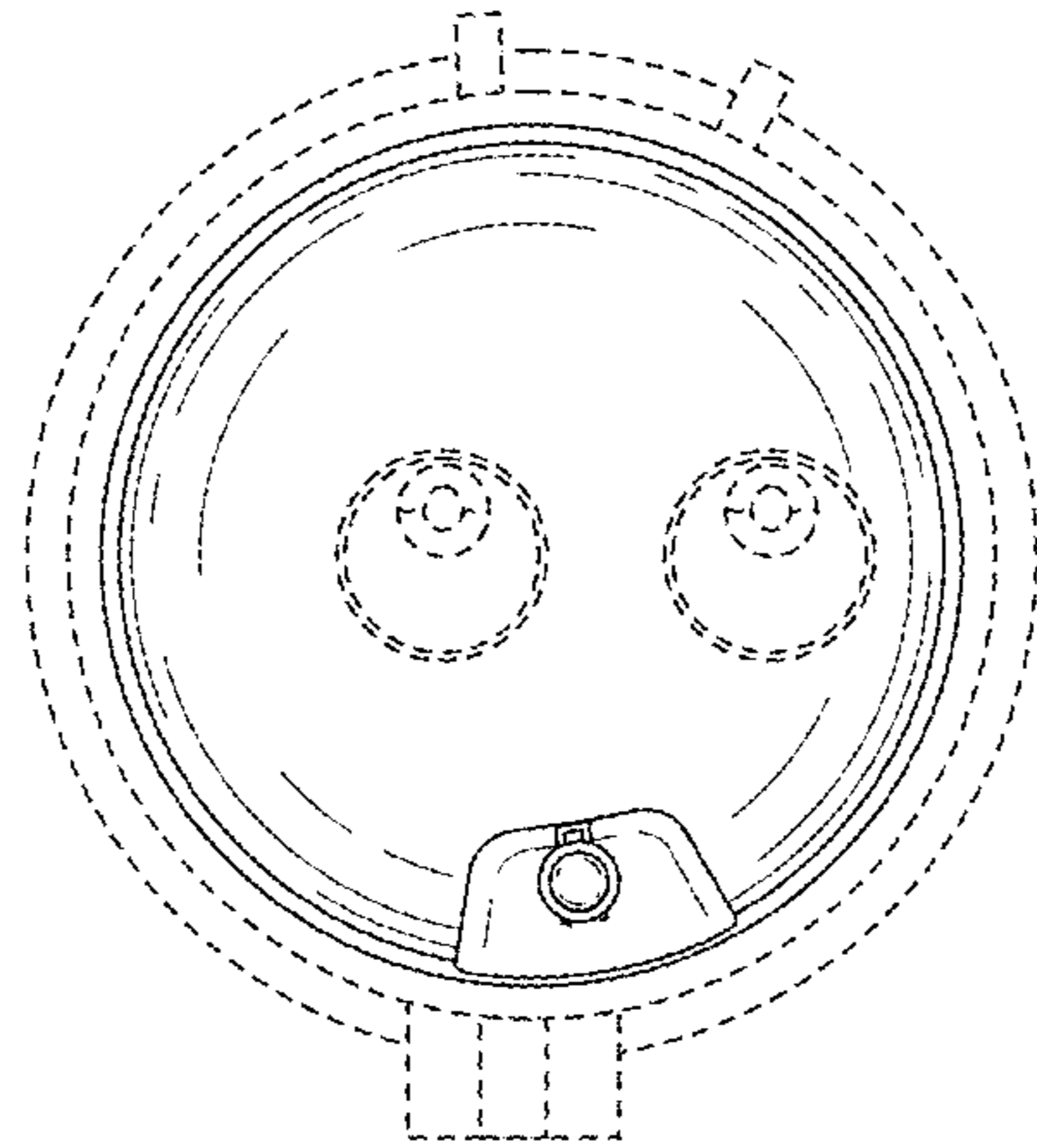


Fig. 7

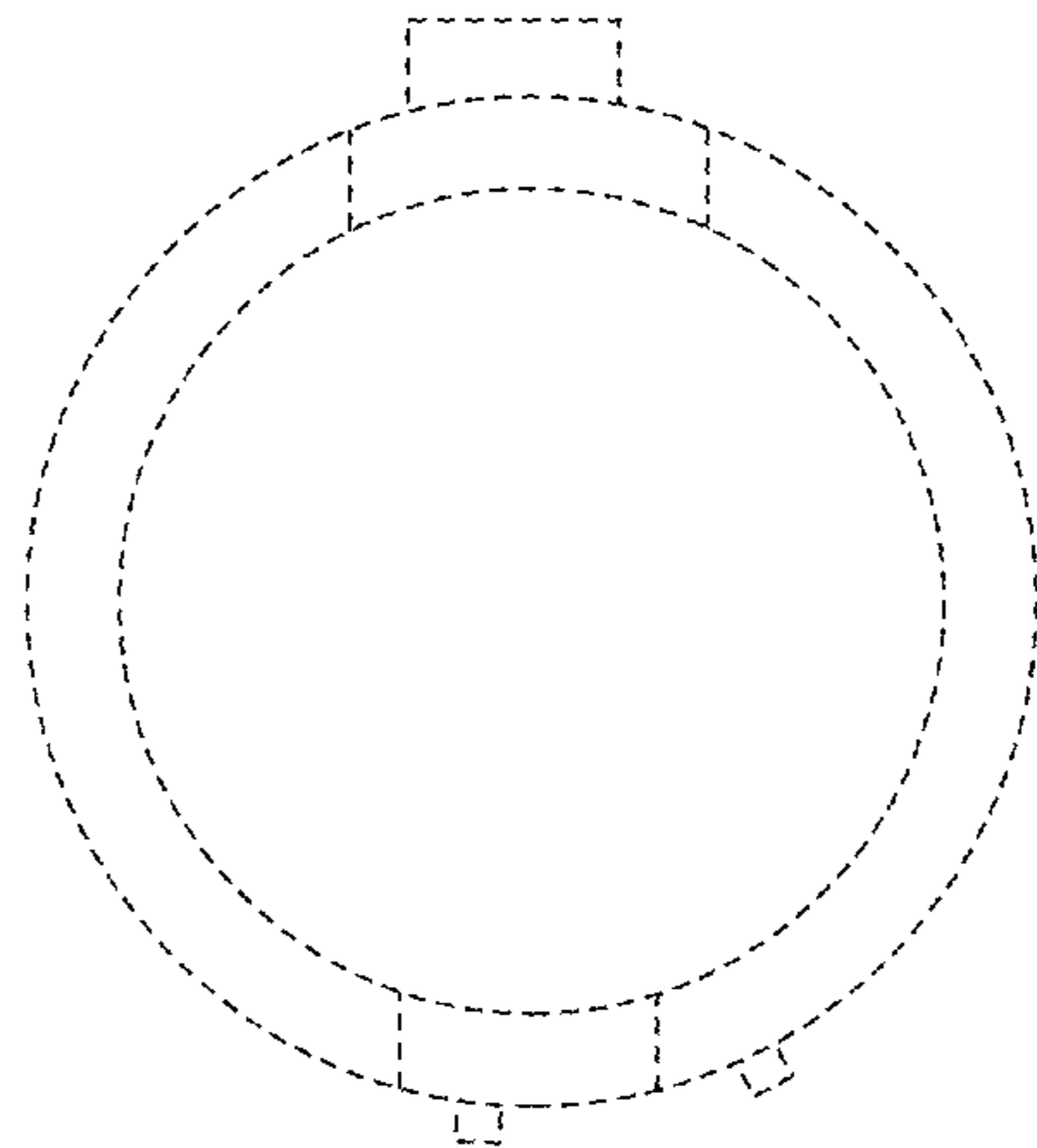


Fig. 8

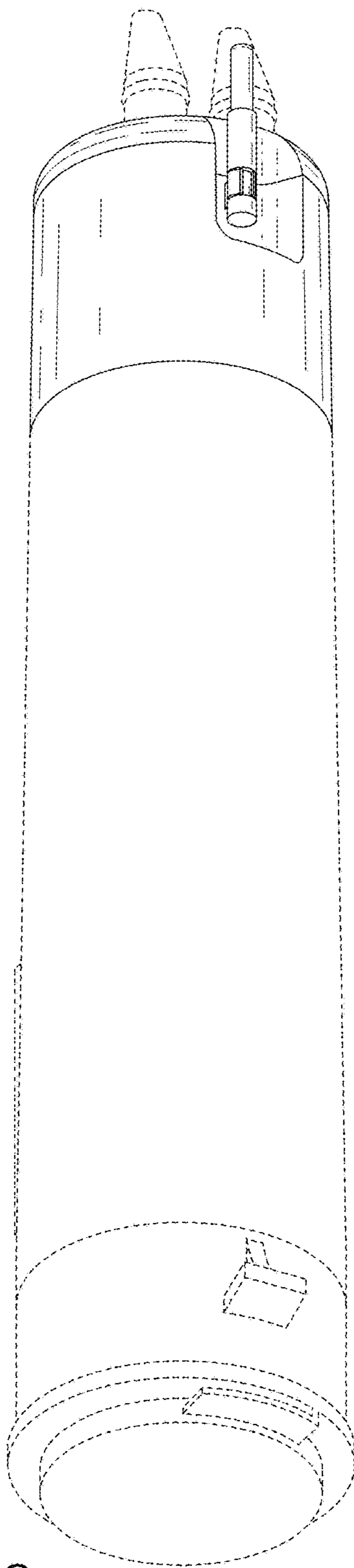


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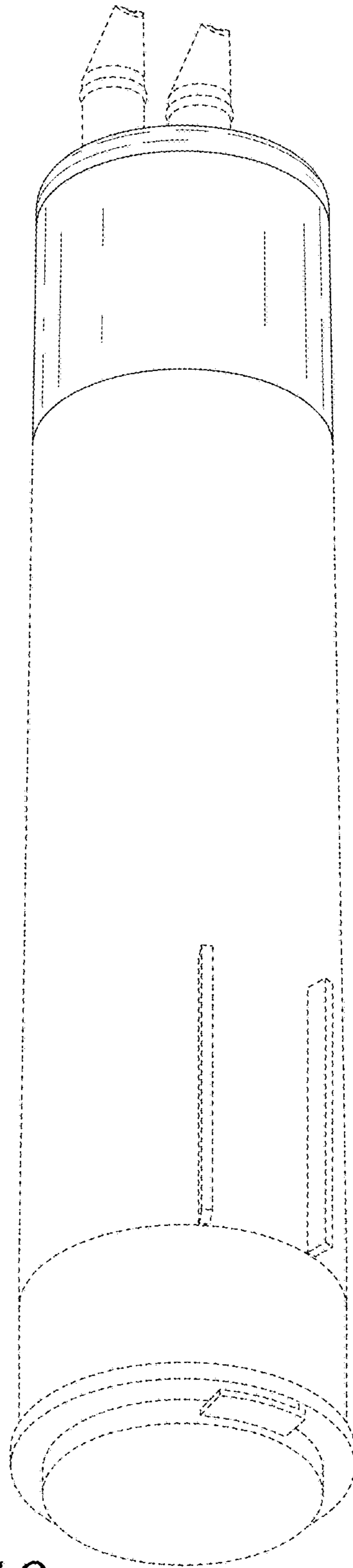


Fig. 10

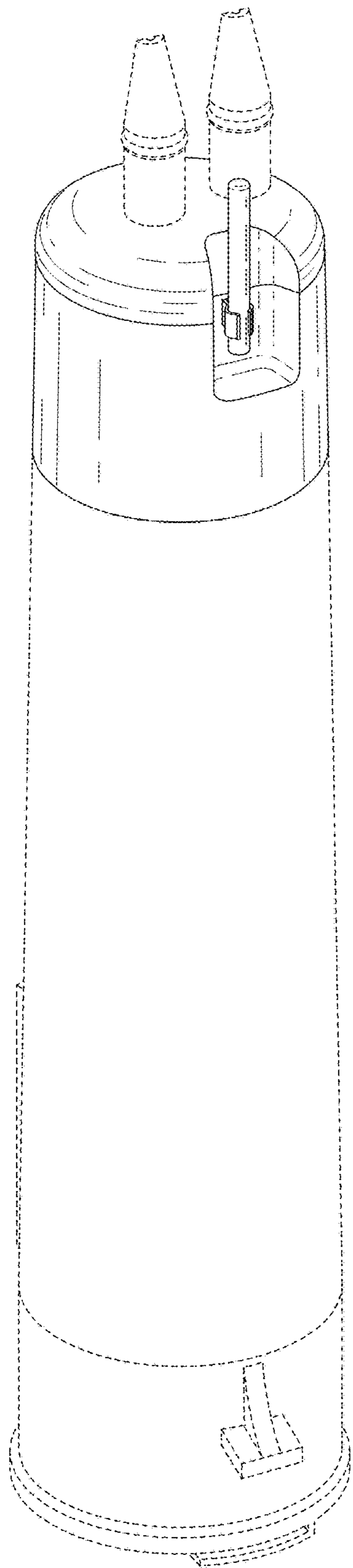


Fig. 11

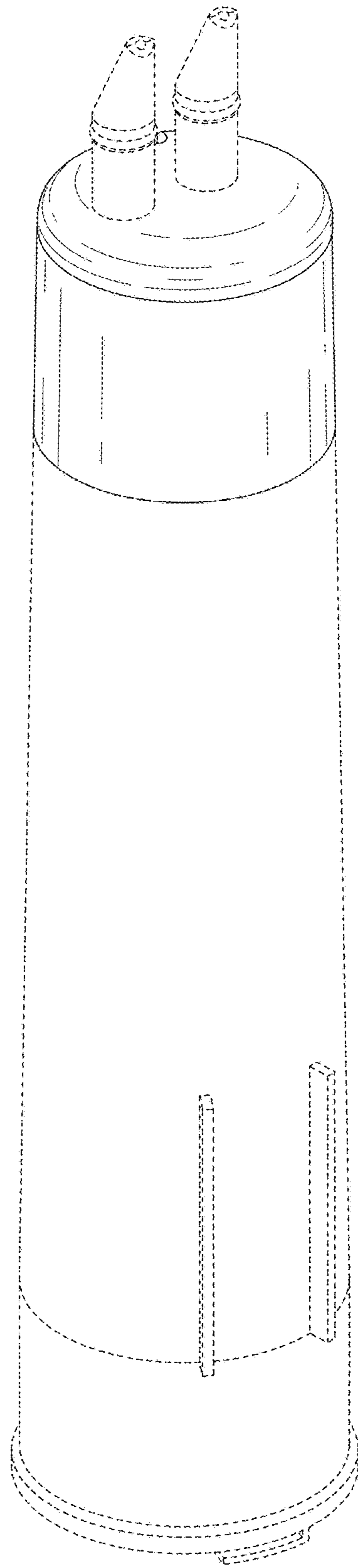


Fig. 12

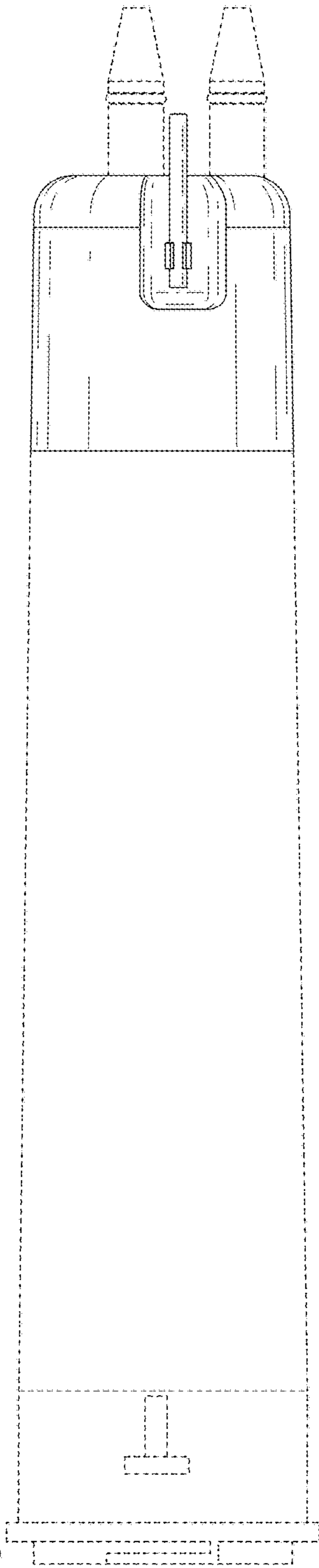


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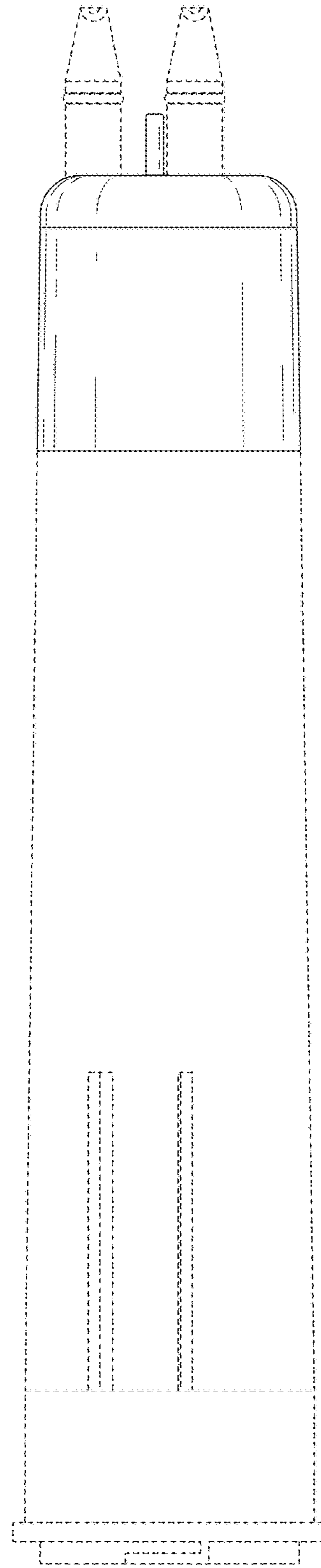


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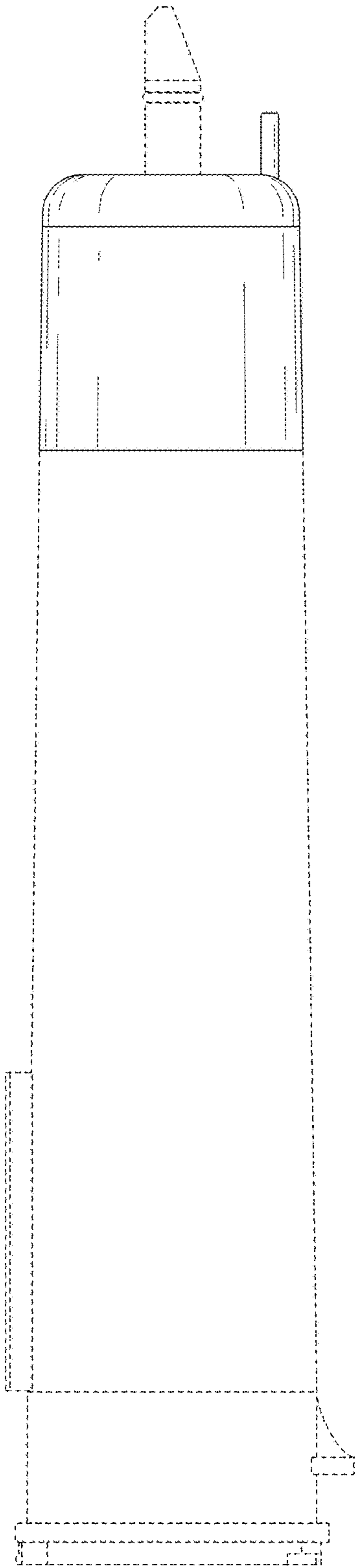


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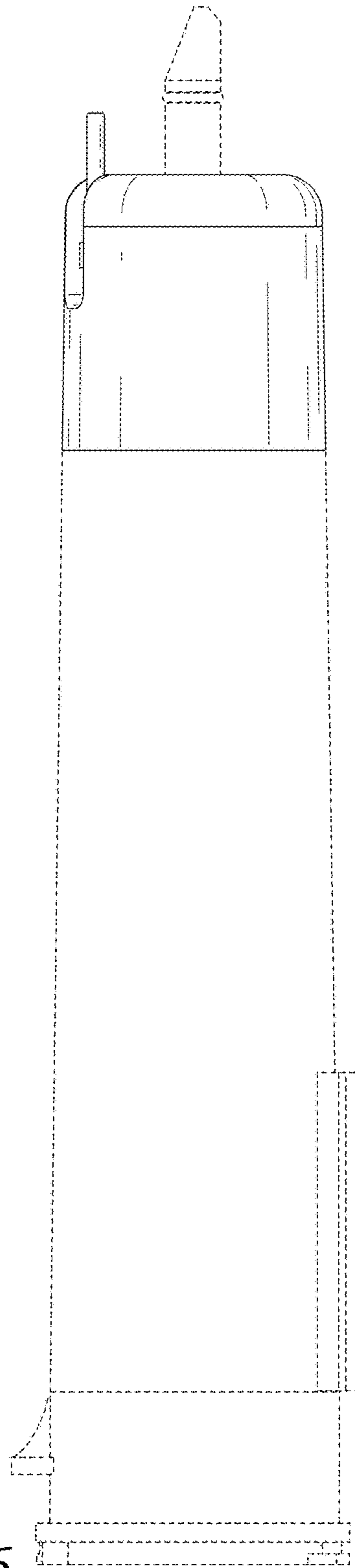


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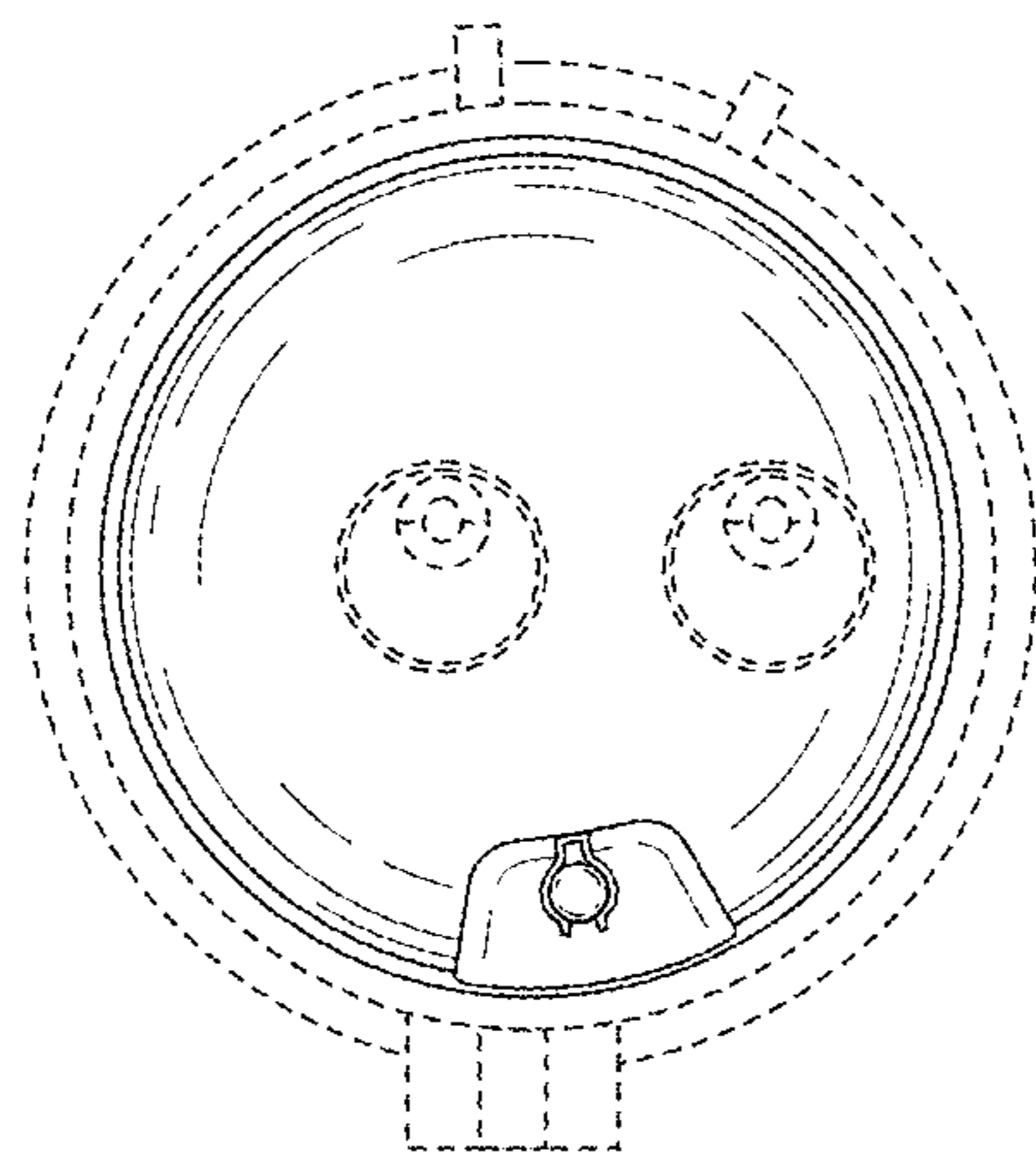


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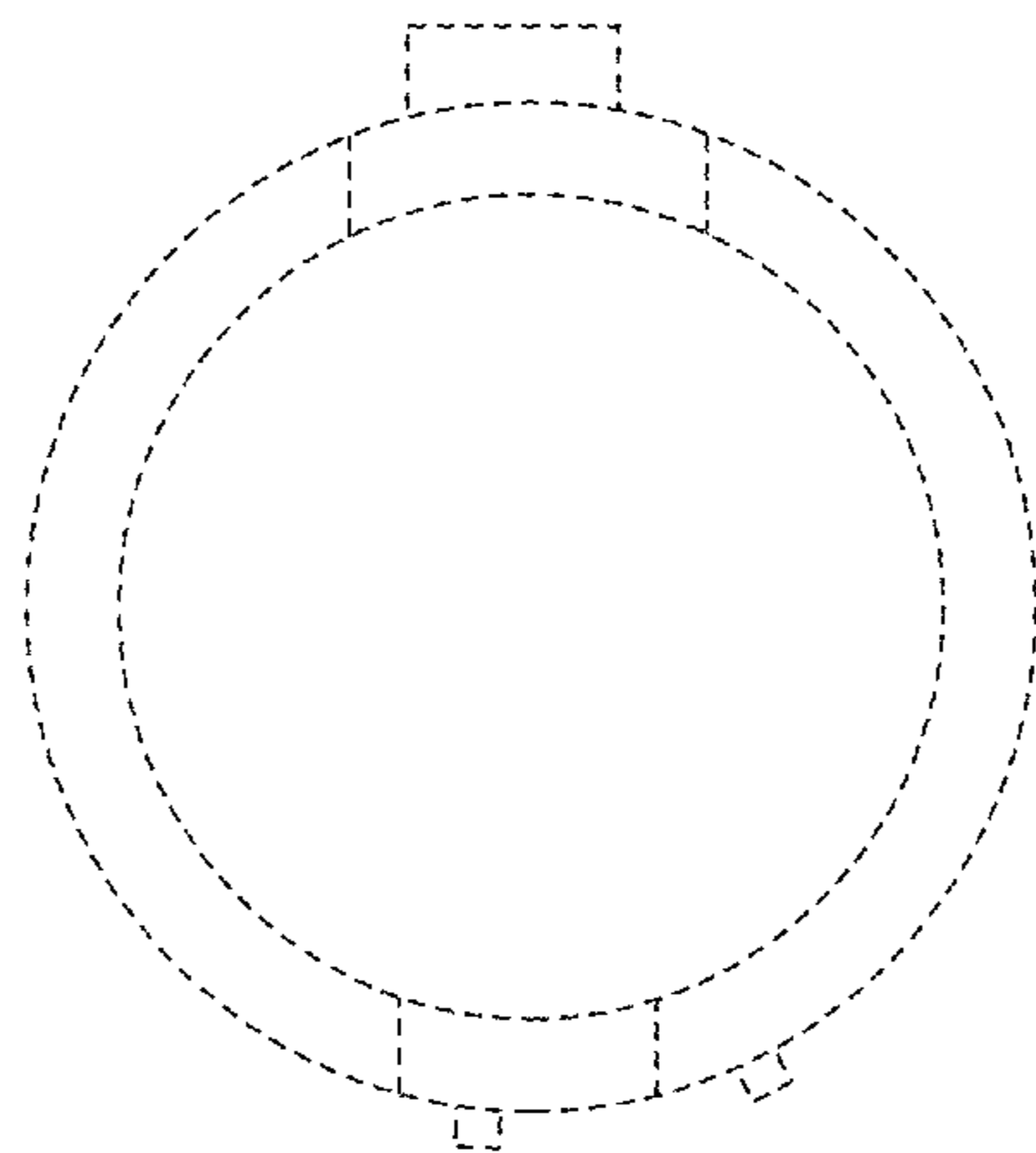


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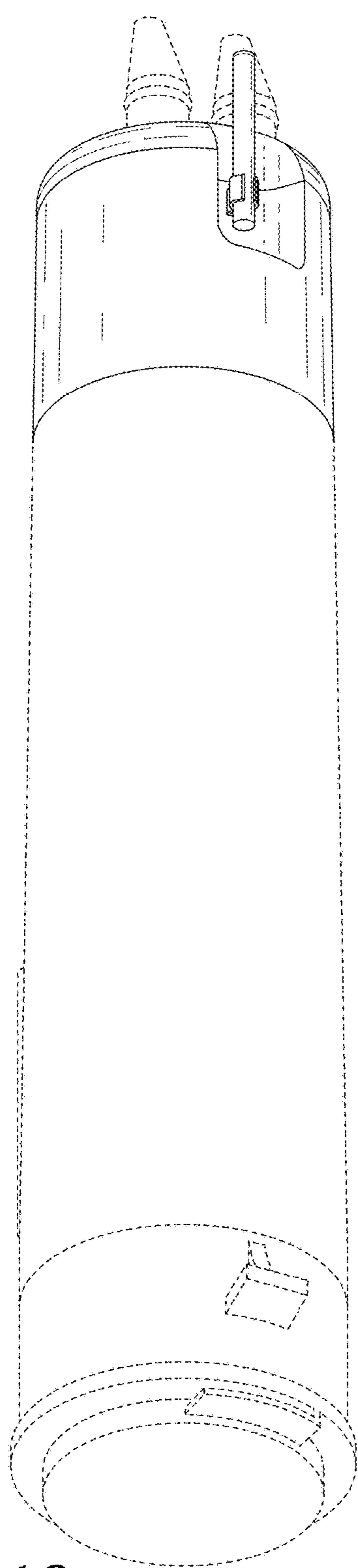


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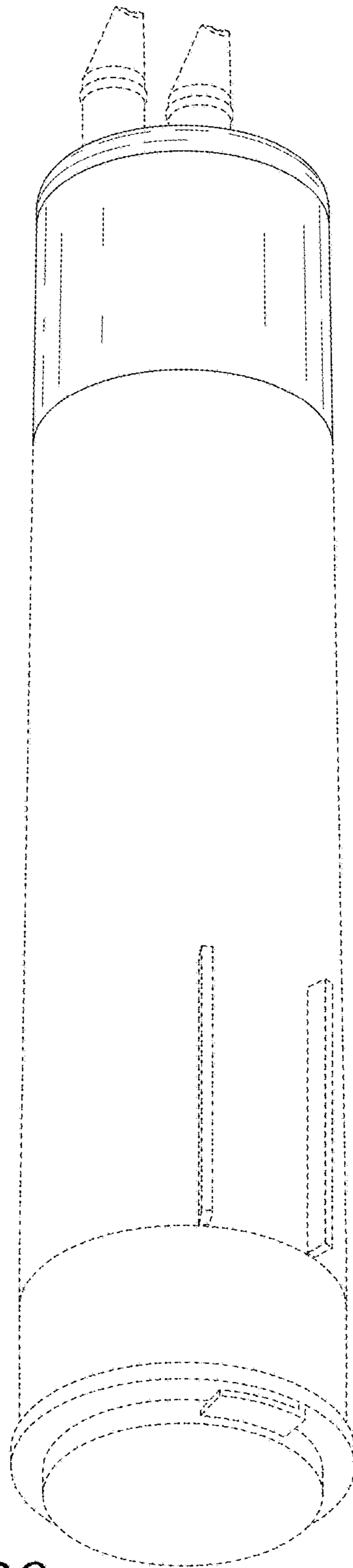


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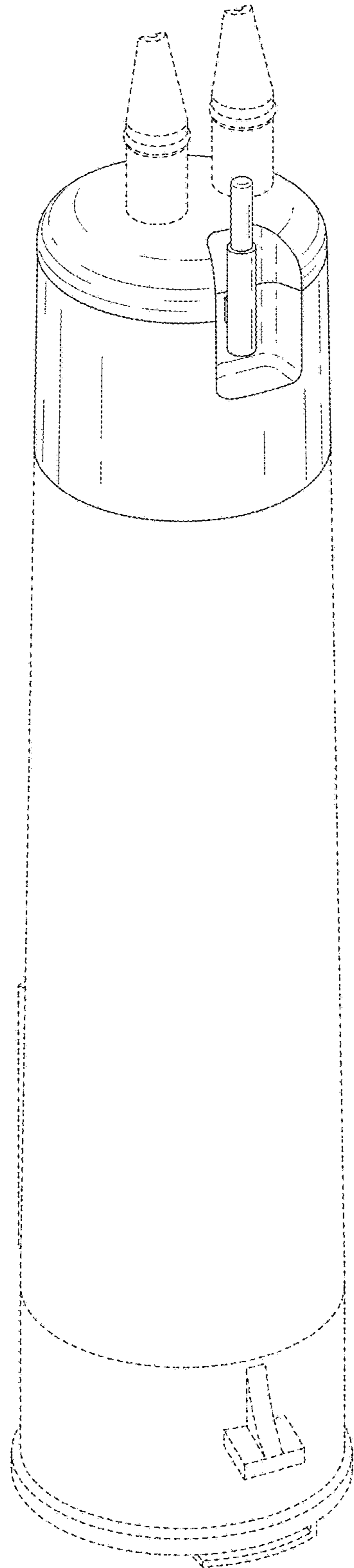


Fig. 21

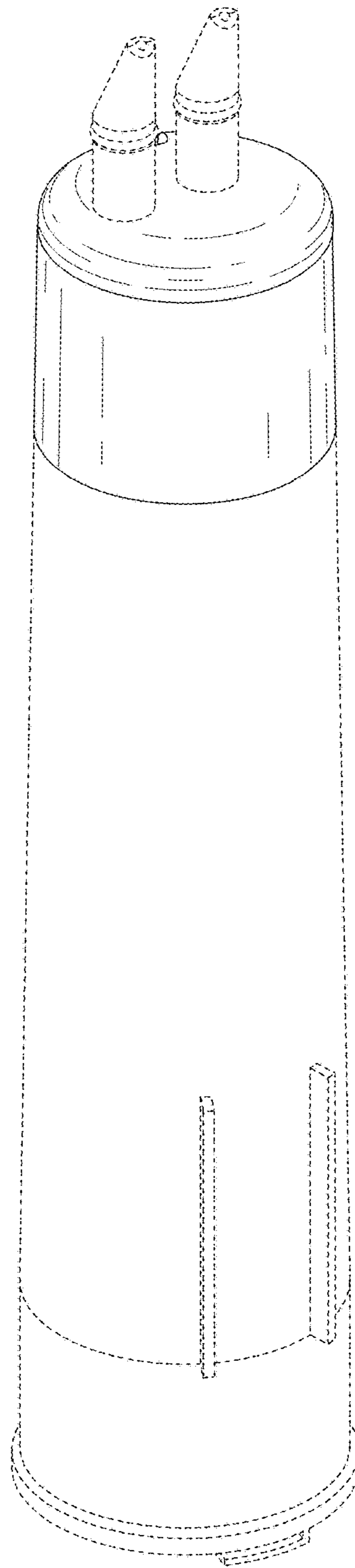


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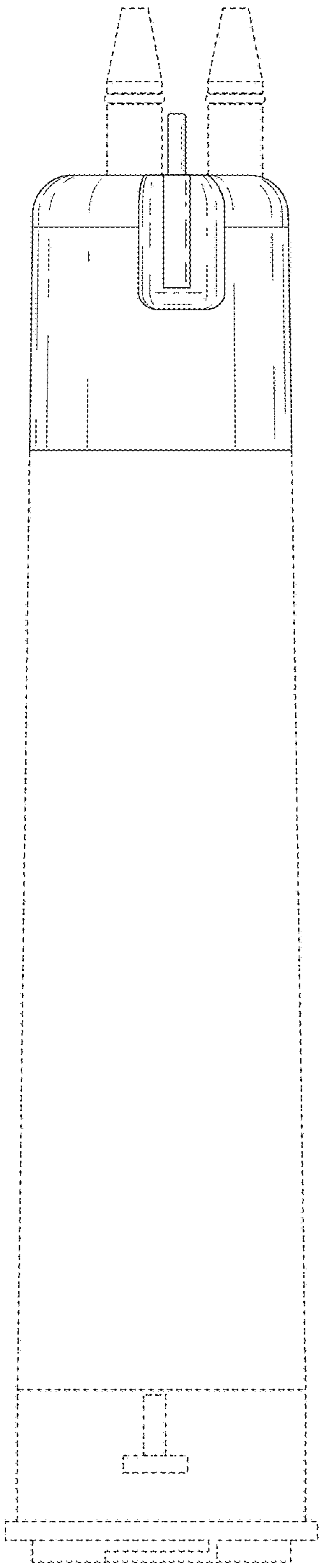


Fig. 23

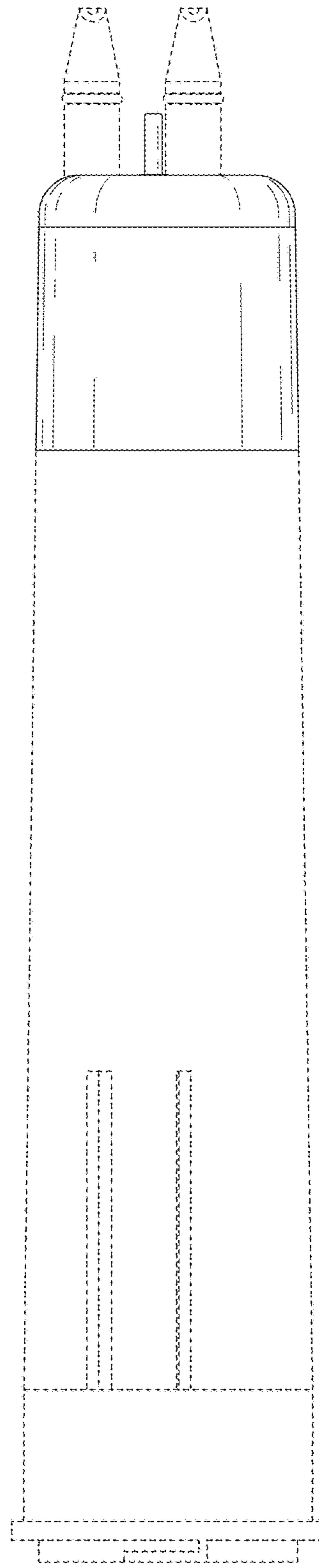


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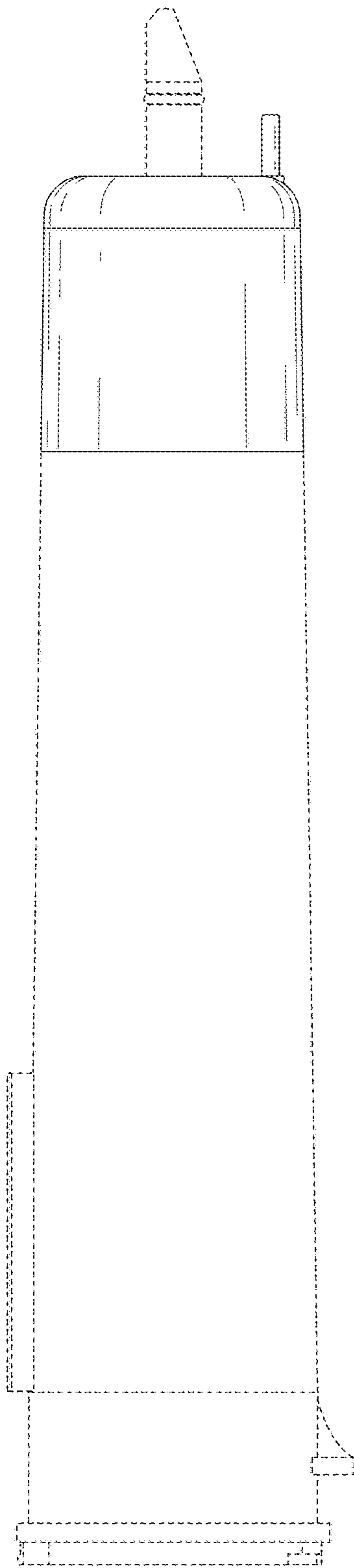


Fig. 25

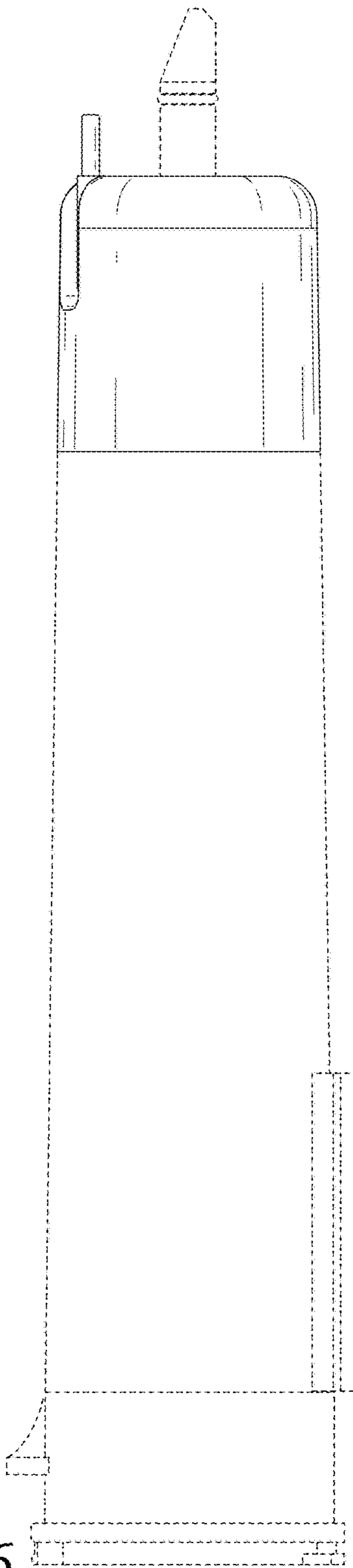


Fig. 26

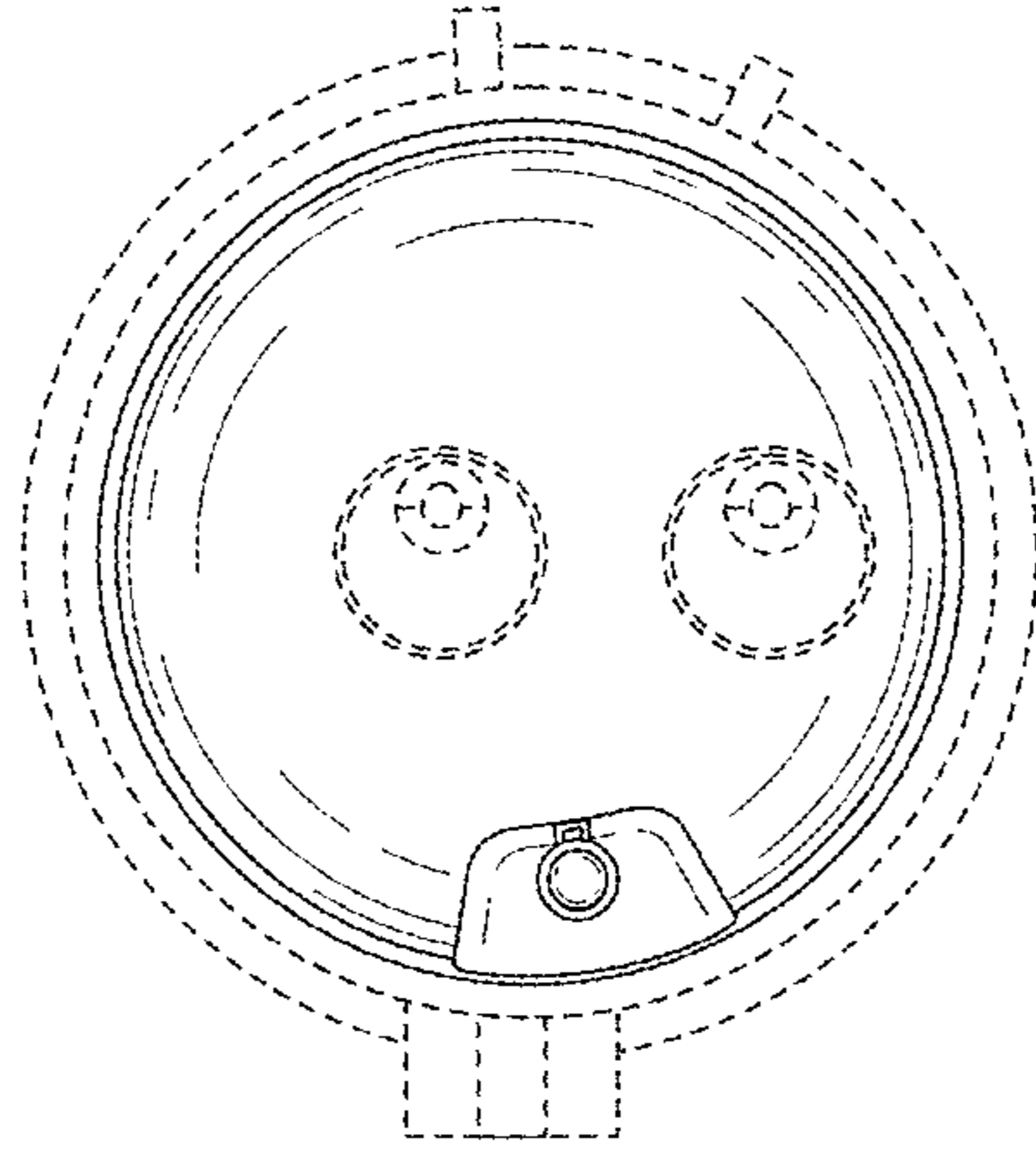


Fig. 27

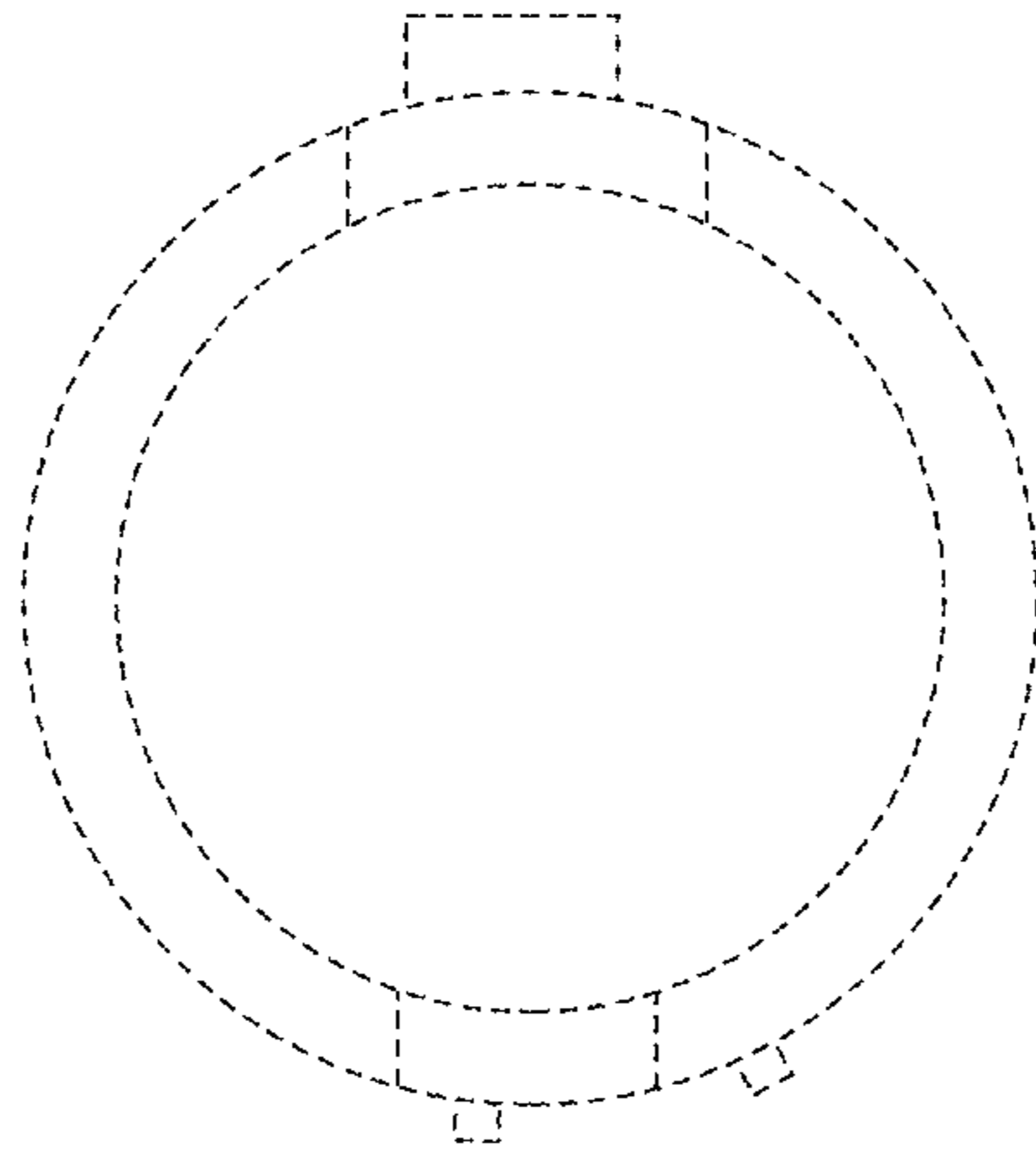


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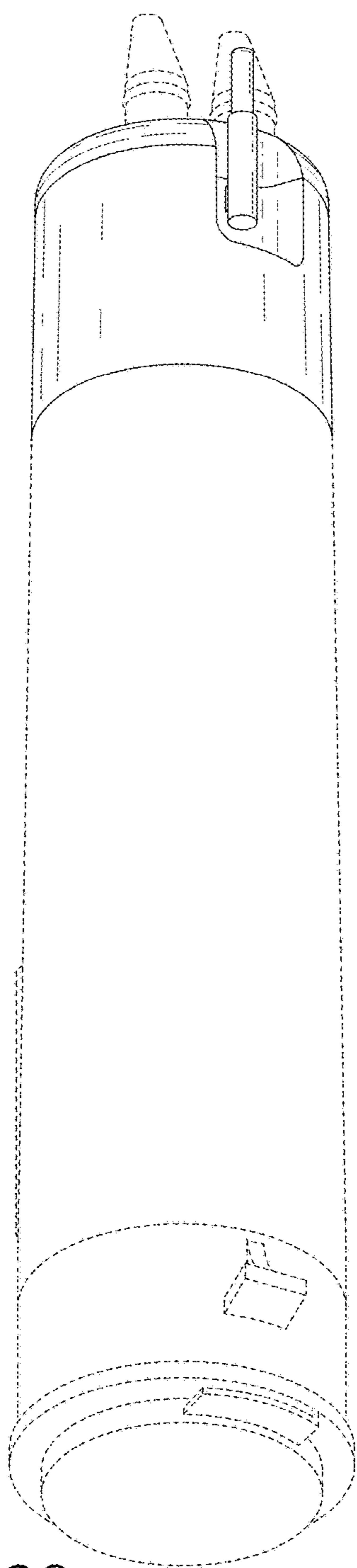


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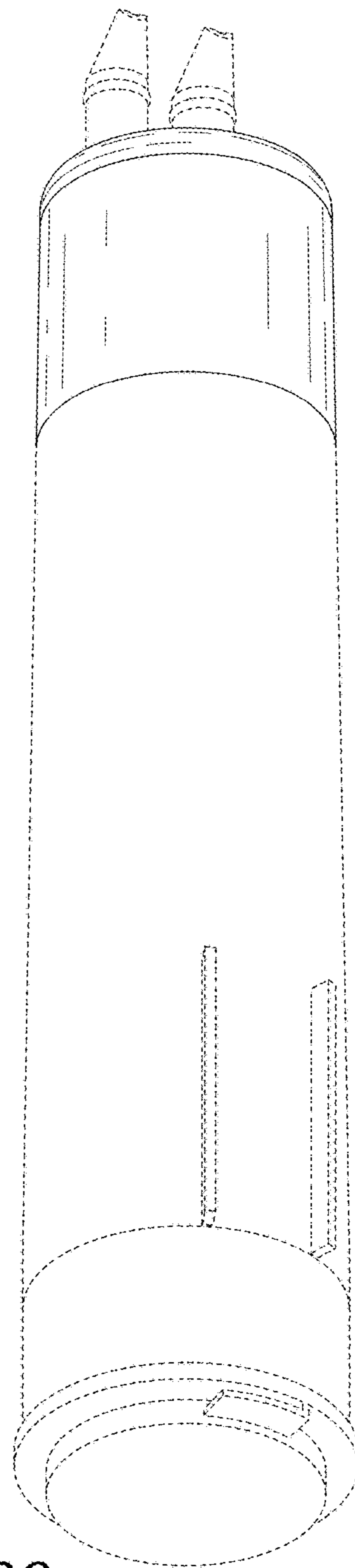


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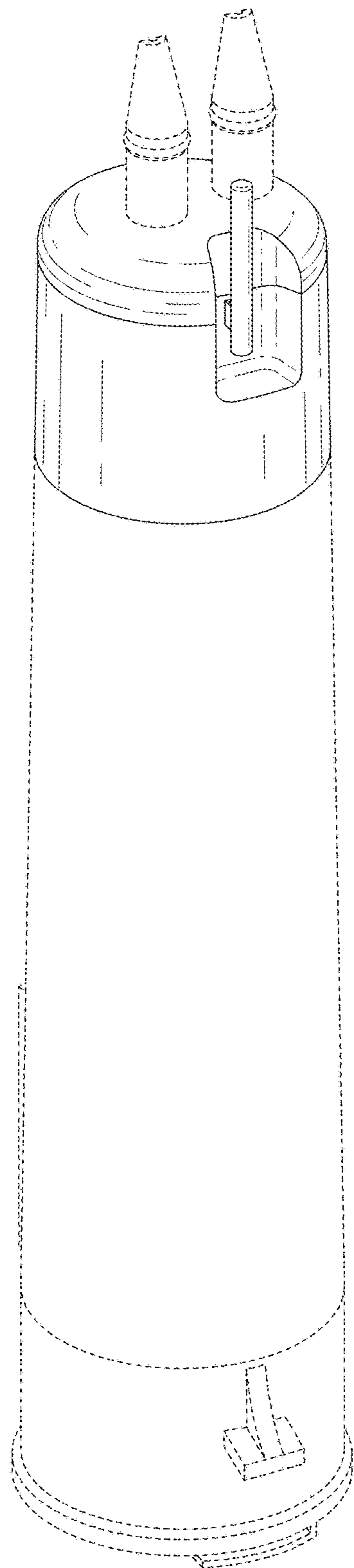


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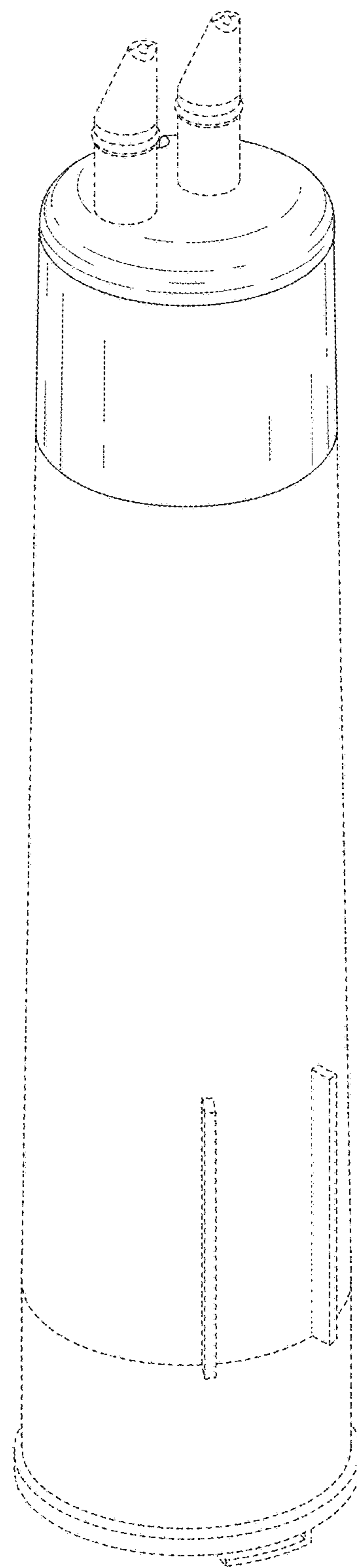


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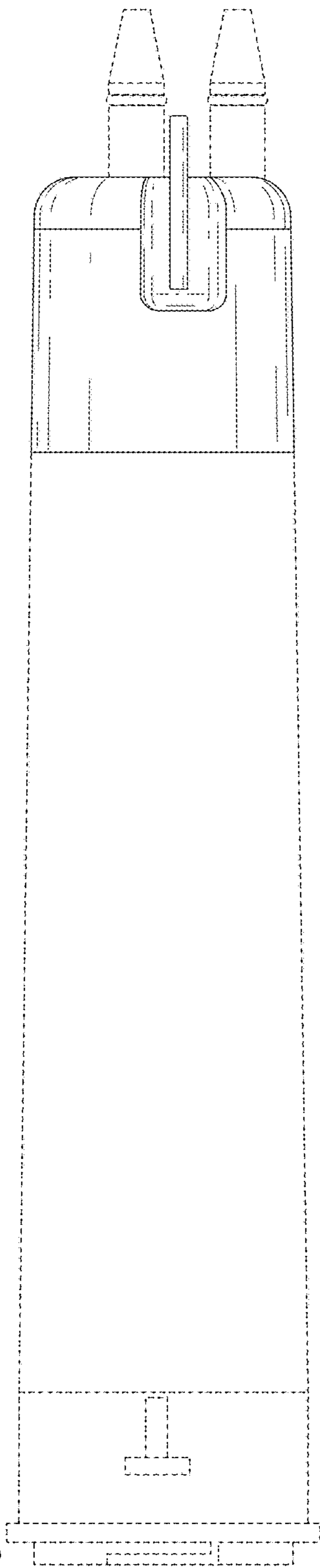


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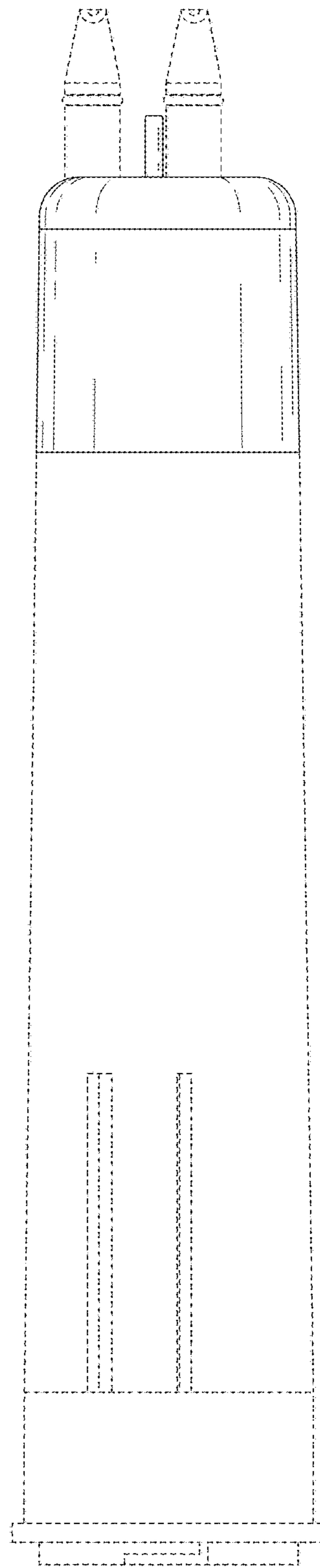


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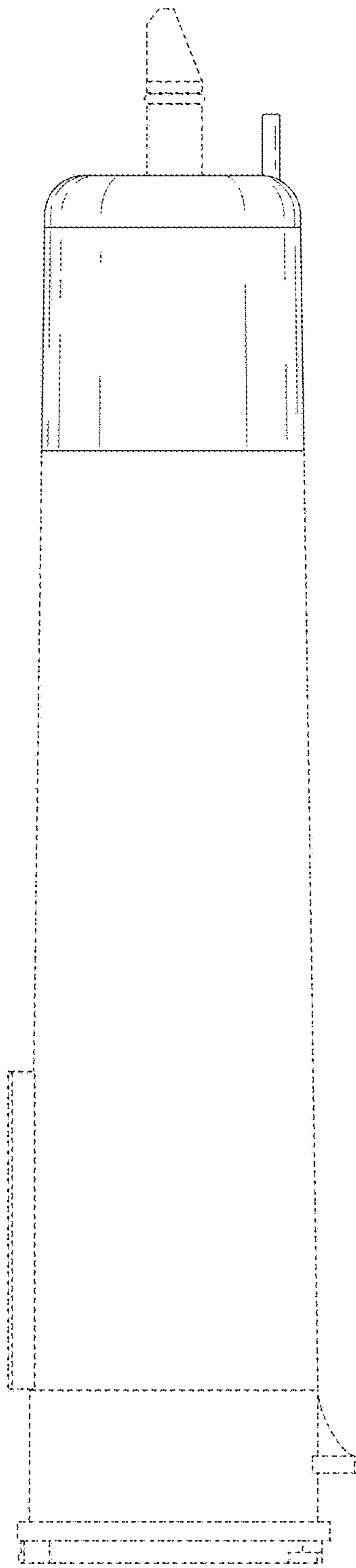


Fig. 35

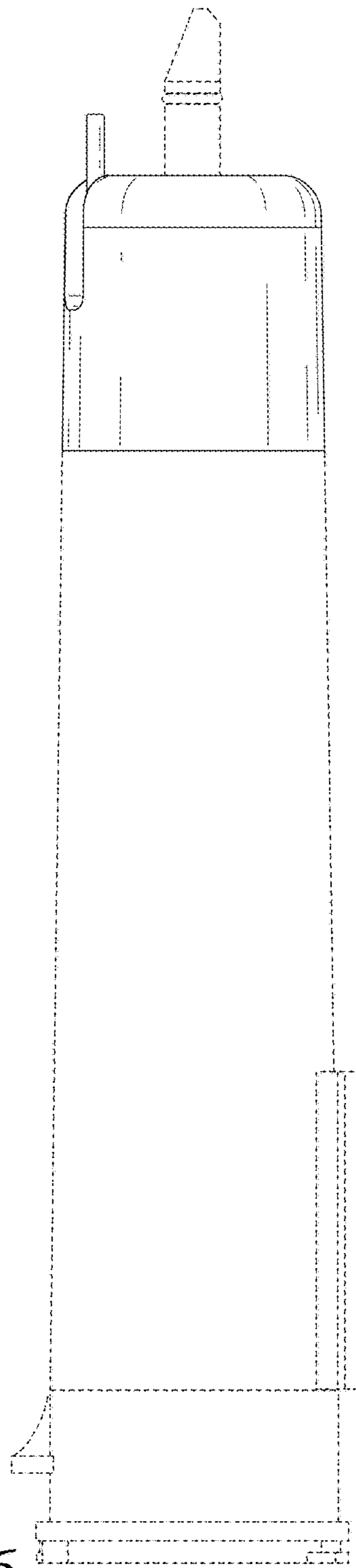


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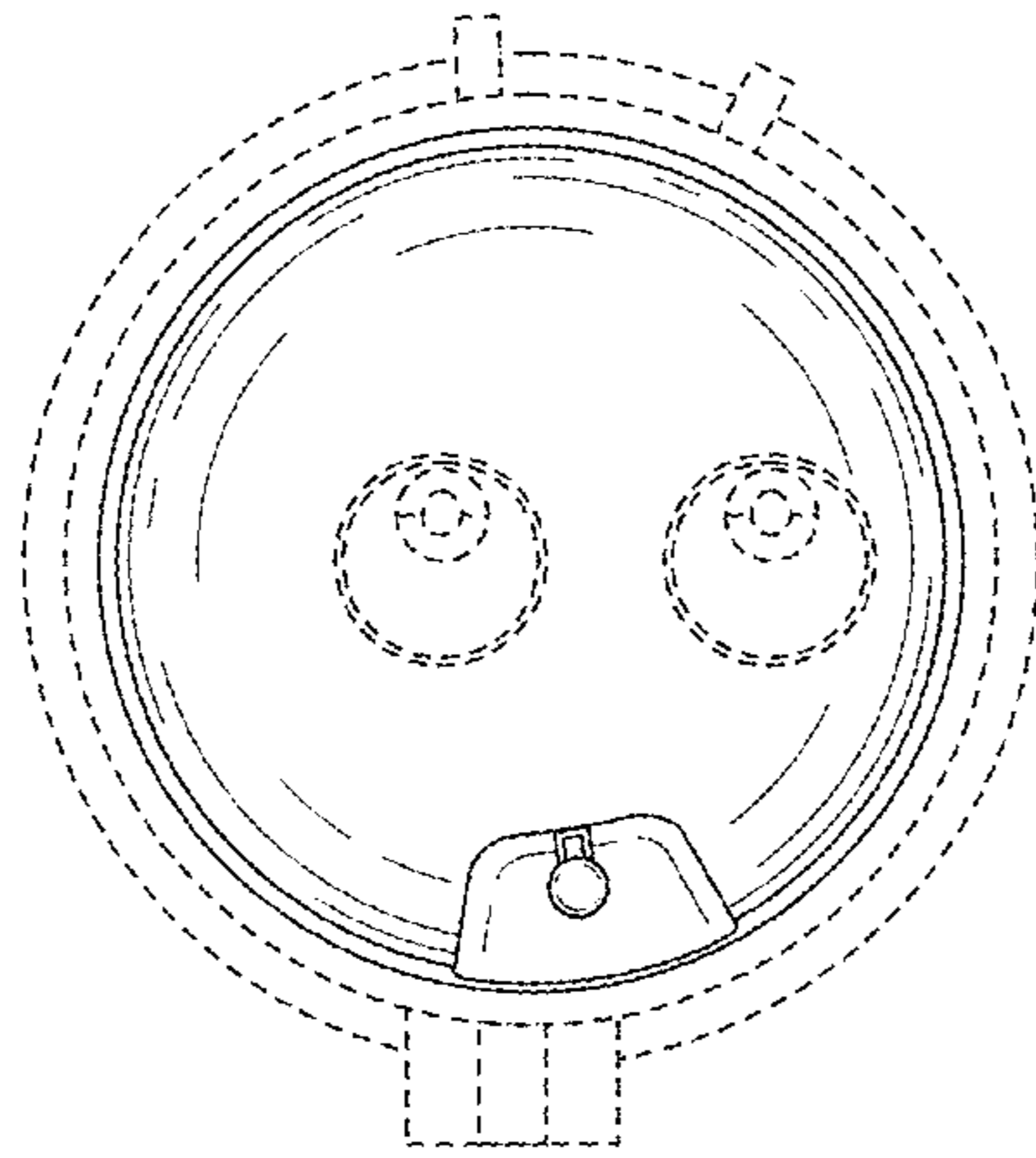


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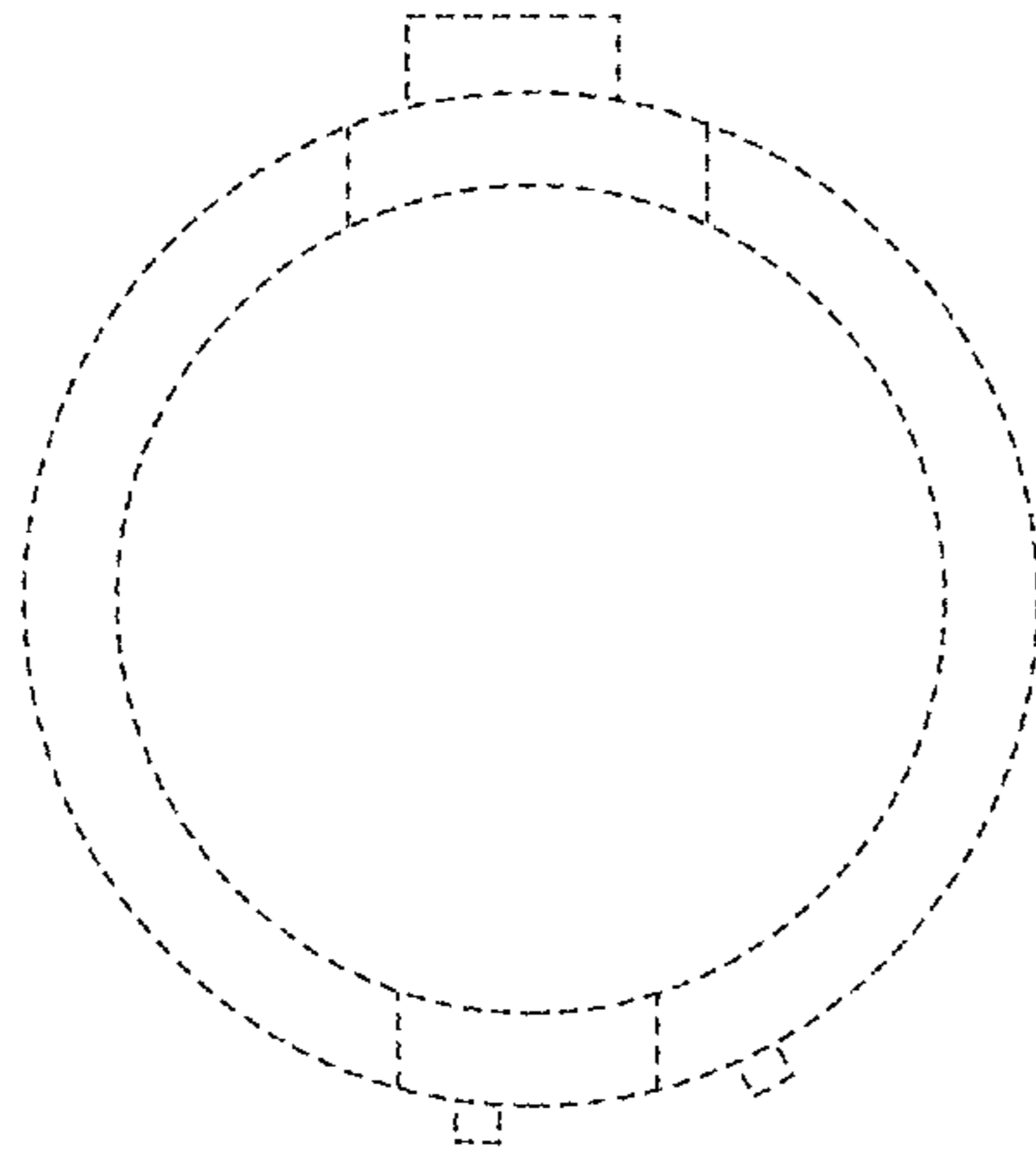


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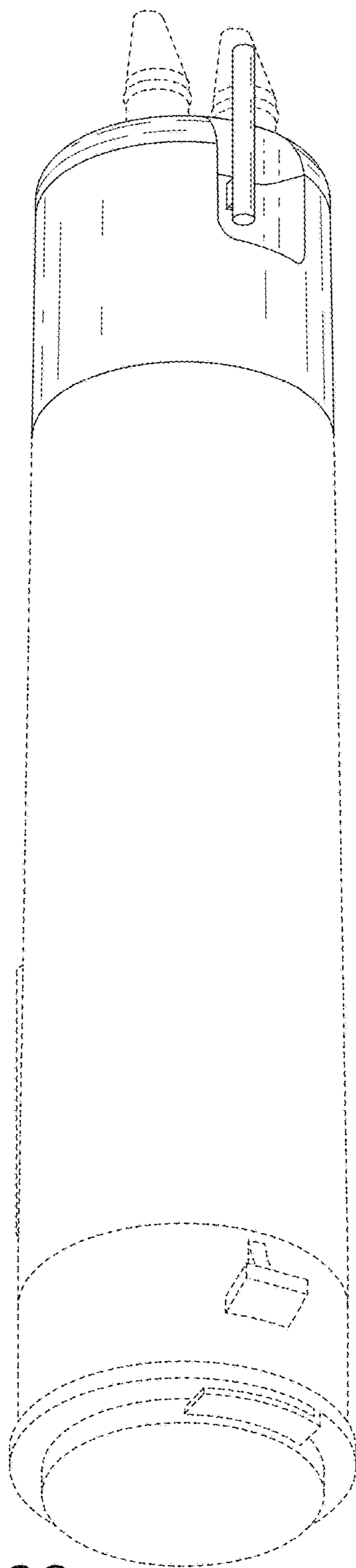


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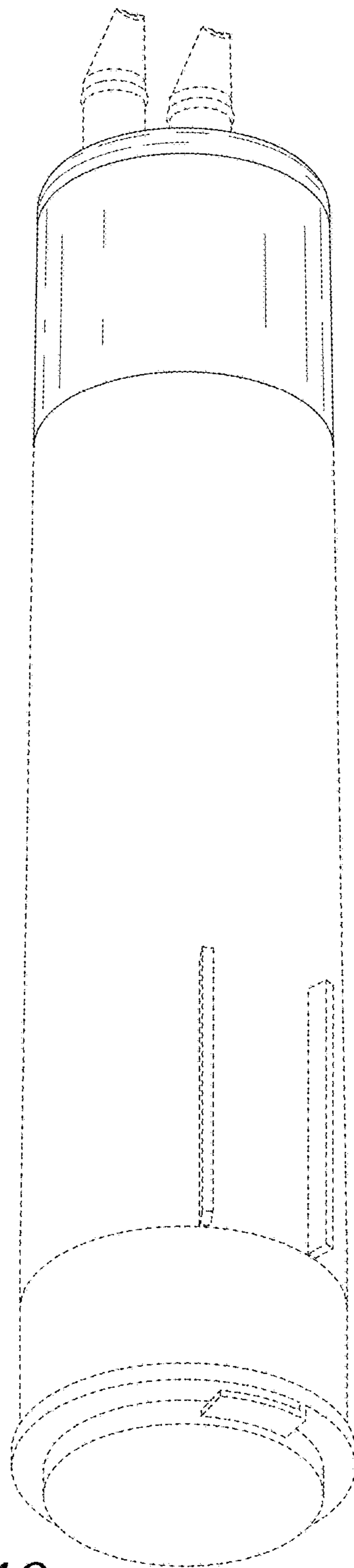


Fig. 40