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(12) **United States Design Patent** (10) **Patent No.:** **US D861,863 S**  
**Leonard** (45) **Date of Patent:** **\*\* Oct. 1, 2019**

(54) **VAPOR TRANSFER CARTRIDGE FOR USE IN A RESPIRATORY THERAPY SYSTEM**

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(71) Applicant: **Vapotherm, Inc.**, Exeter, NH (US)

(Continued)

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

(Continued)

(21) Appl. No.: **29/664,517**

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International Search Report and Written Opinion for International Application No. PCT/US2017/057096 dated Feb. 7, 2018 (12 pages).

**Related U.S. Application Data**

(63) Continuation of application No. 29/581,594, filed on Oct. 20, 2016, now Pat. No. Des. 833,004.

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(51) **LOC (12) Cl.** ..... **24-02**

(57) **CLAIM**

(52) **U.S. Cl.**  
USPC ..... **D24/127**

The ornamental design for a vapor transfer cartridge for use in a respiratory therapy system, as shown and described.

(58) **Field of Classification Search**

**DESCRIPTION**

USPC ..... D24/127-131, 112-114, 133, 186;  
606/181, 185; 604/264, 523-528, 272,  
604/187, 158, 164.01-164.11, 181, 184,  
604/227; 600/101, 139, 143;  
128/200.24, 207.14, 207.15  
CPC ..... A61M 16/161; A61M 16/0003  
See application file for complete search history.

FIG. 1 is a perspective view from the top, front and left of a vapor transfer cartridge for use in a respiratory therapy system;  
FIG. 2 is a perspective view from the top, rear, and right side thereof;  
FIG. 3 is a front elevation view thereof;  
FIG. 4 is a rear elevation view thereof;  
FIG. 5 is a left side elevation view thereof;  
FIG. 6 is a right side elevation view thereof; and,  
FIG. 7 is a top view thereof.

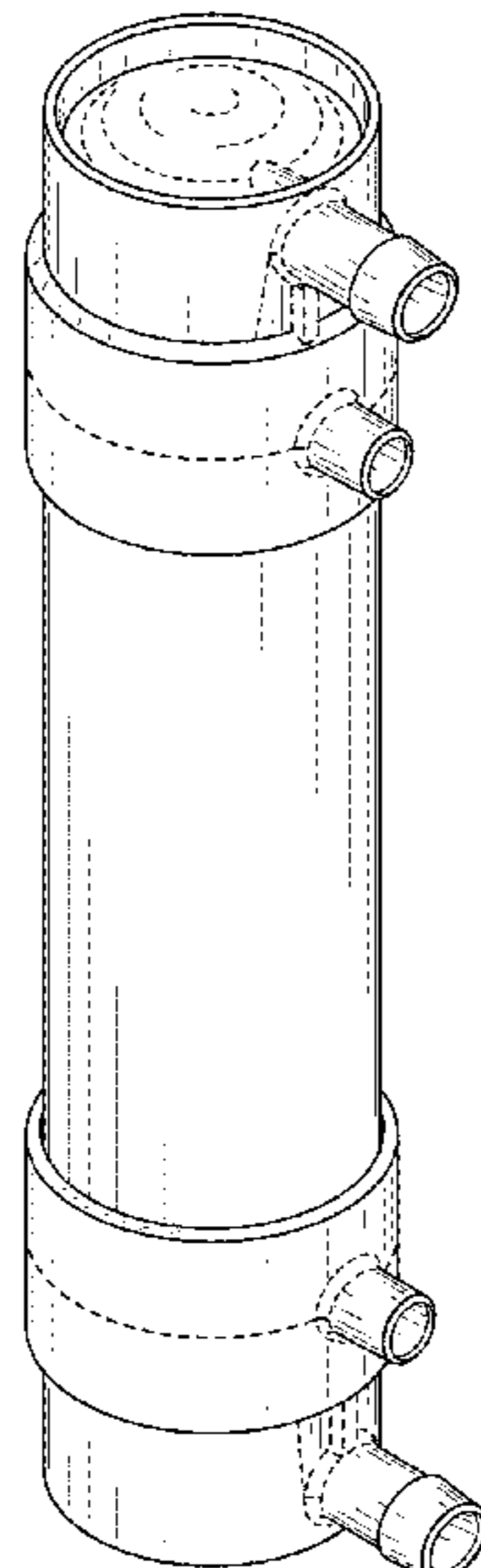
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The bottom view of the vapor transfer cartridge is the same as the top view thereof. The broken-line portions of the vapor transfer cartridge for use in a respiratory therapy system in FIGS. 1-7 are shown for illustrative purposes only and form no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



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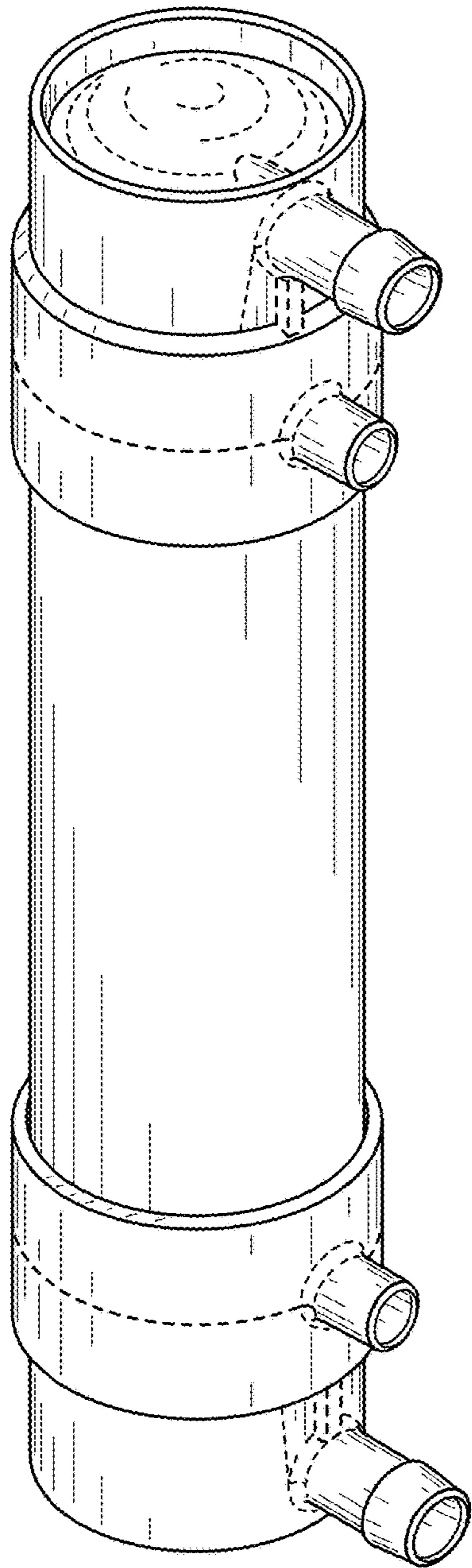


FIG. 1

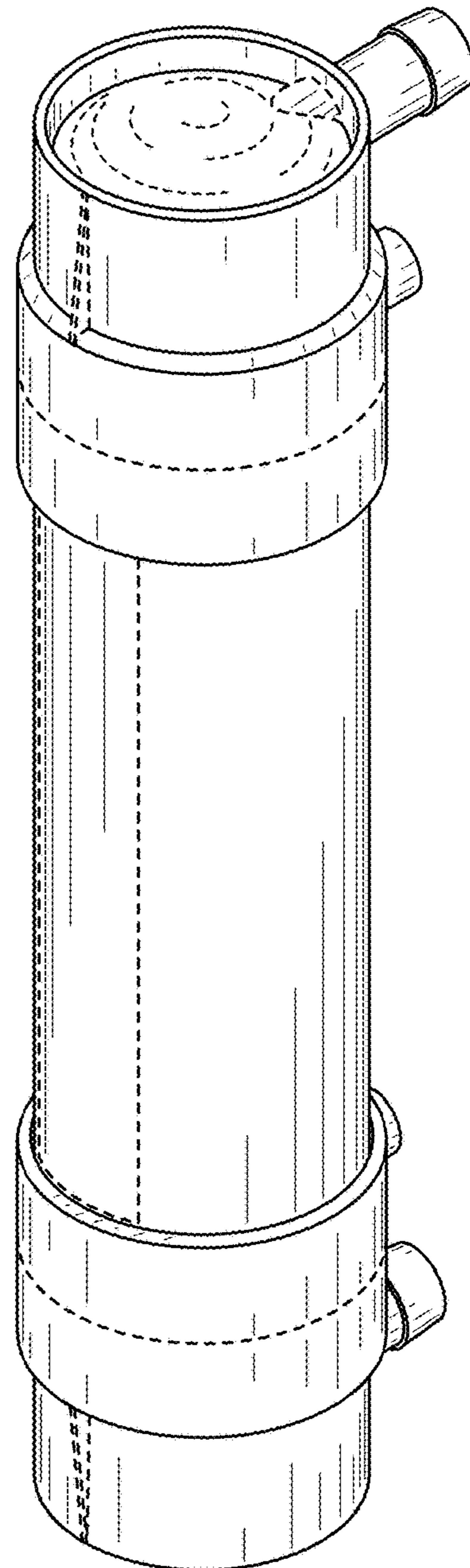


FIG. 2

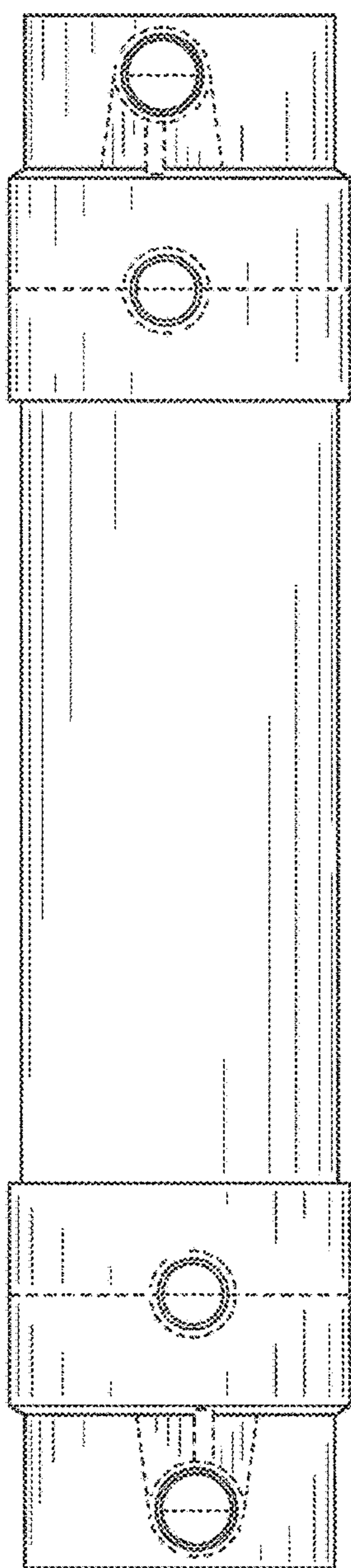


FIG. 3

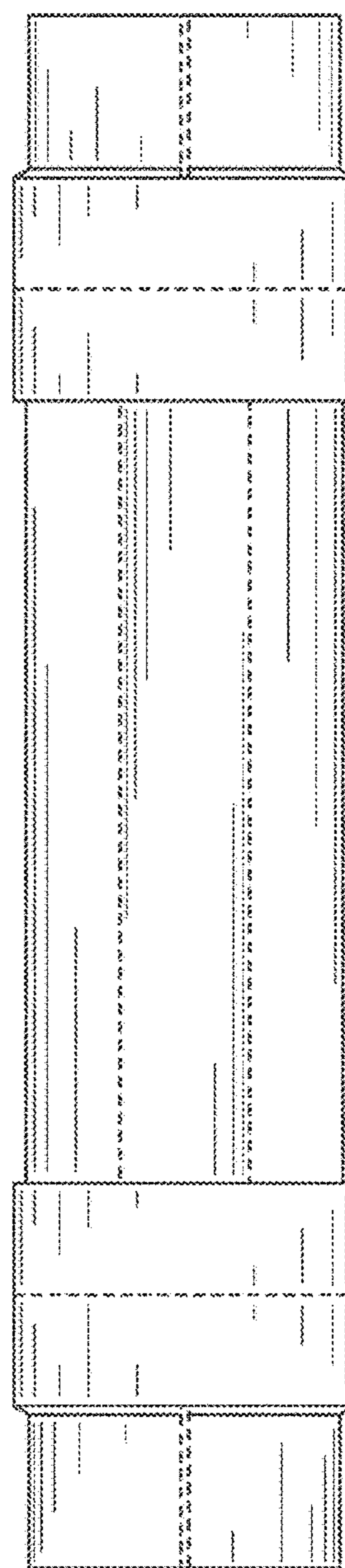


FIG. 4

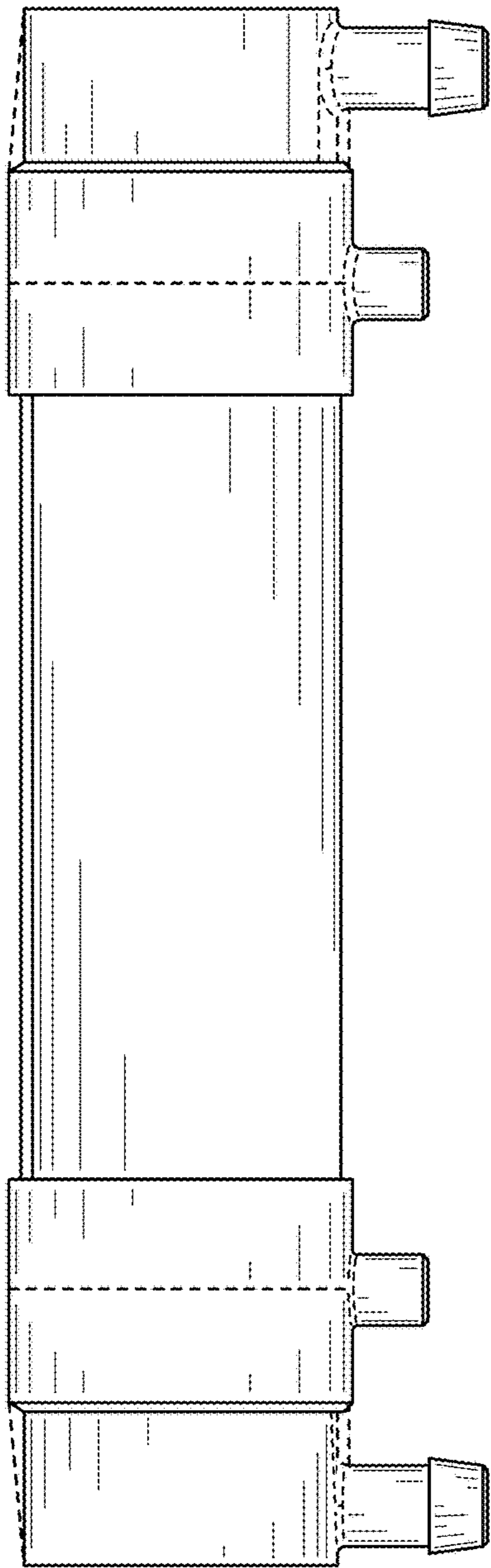


FIG. 5

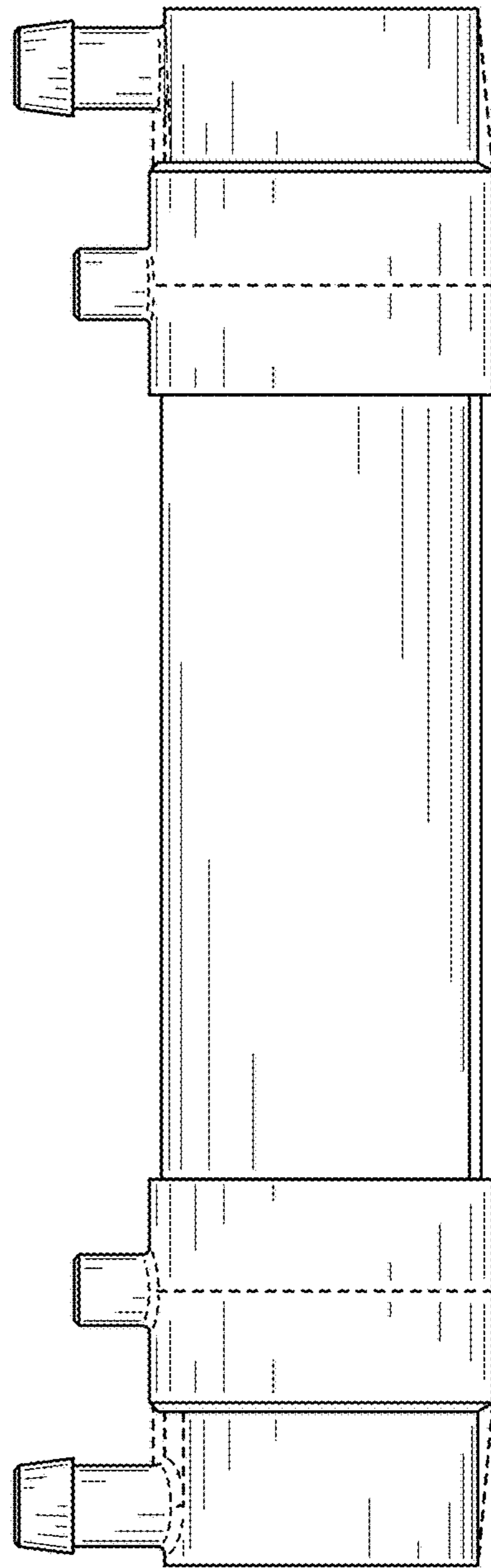


FIG. 6

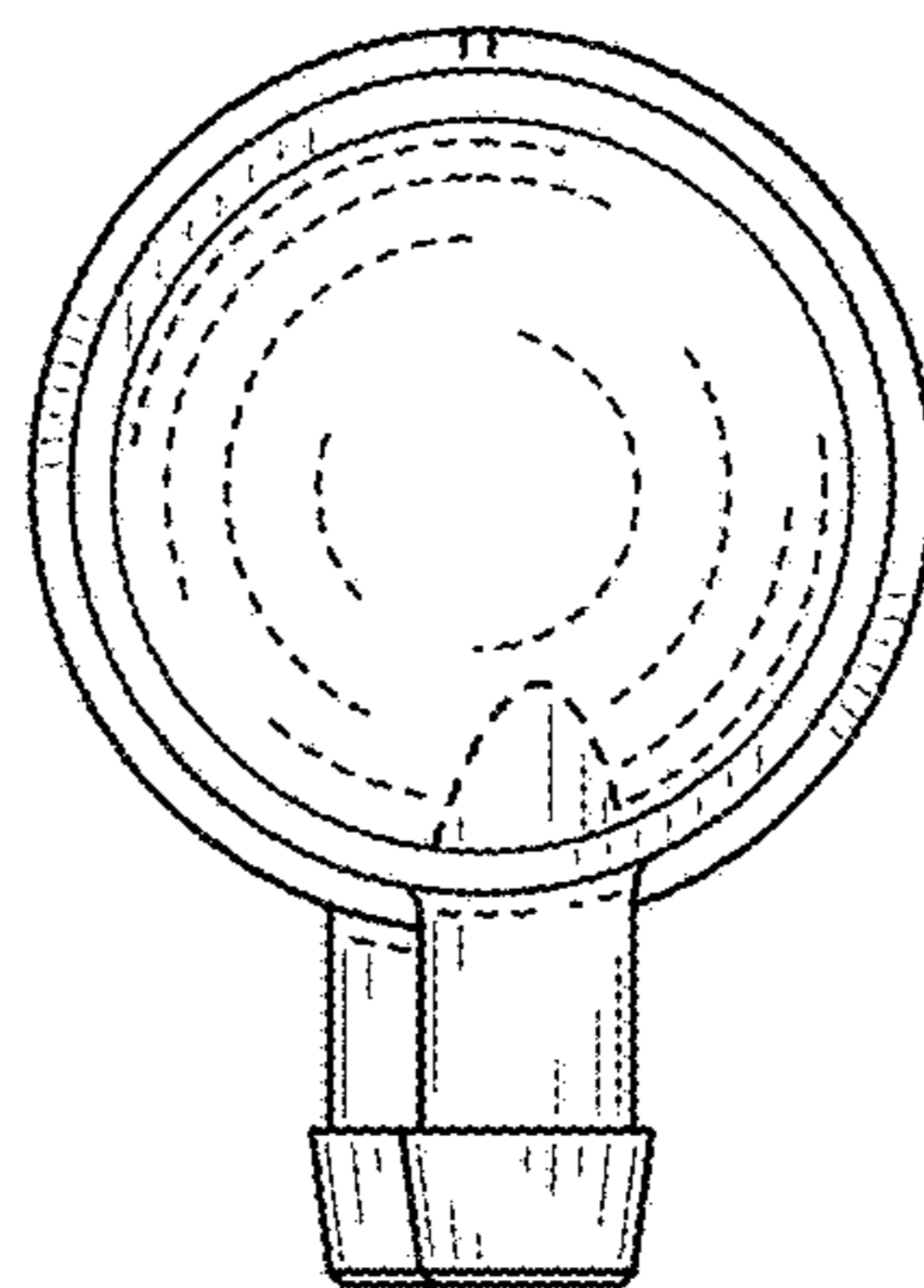


FIG. 7