



US00D846622S

(12) **United States Design Patent** (10) **Patent No.:** **US D846,622 S**  
**Rahbar-Dehghan** (45) **Date of Patent:** **\*\* Apr. 23, 2019**

(54) **SPRAY BULB CLEANER FOR DIGITAL CAMERA SENSORS**

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(71) Applicant: **1317442 ALBERTA LTD.**, Canmore, Alberta (CA)

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(72) Inventor: **Fariborz Rahbar-Dehghan**, Canmore (CA)

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(73) Assignee: **1317442 ALBERTA LTD.**, Canmore (CA)

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

(Continued)

(21) Appl. No.: **29/607,971**

*Primary Examiner* — Karen S Acker

(22) Filed: **Jun. 19, 2017**

*Assistant Examiner* — Omeed Agilee

(30) **Foreign Application Priority Data**

(74) *Attorney, Agent, or Firm* — Shumaker, Loop & Kendrick, LLP; James D. Miller

Dec. 21, 2016 (CA) ..... 172323

(51) **LOC (11) Cl.** ..... **16-05**

(57) **CLAIM**

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

The ornamental claimed design for a spray bulb cleaner for digital camera sensors, as shown and described.

USPC ..... **D16/237**

(58) **Field of Classification Search**

**DESCRIPTION**

USPC ..... D16/203, 208, 213–219, 235–250; D14/217, 229, 250–253; D8/353, 362, D8/371, 394; D23/213–230  
CPC ..... G03B 17/02–17/04; G03B 17/14; G03B 17/56; G03B 17/561–17/568; G03B 21/20; G02B 7/00–7/002; F16M 11/02; F16M 11/04; F16M 11/20; F16M 11/40  
See application file for complete search history.

FIG. 1 is a front perspective view of the spray bulb cleaner for digital camera sensors showing my new design; FIG. 2 is a top perspective view of the spray bulb cleaner for digital camera sensors of FIG. 1; FIG. 3 is a bottom perspective view of the spray bulb cleaner for digital camera sensors of FIG. 1; FIG. 4 is a bottom plan view of the spray bulb cleaner for digital camera sensors of FIG. 1; and, FIG. 5 is an elevational view of the spray bulb cleaner for digital camera sensors of FIG. 1.

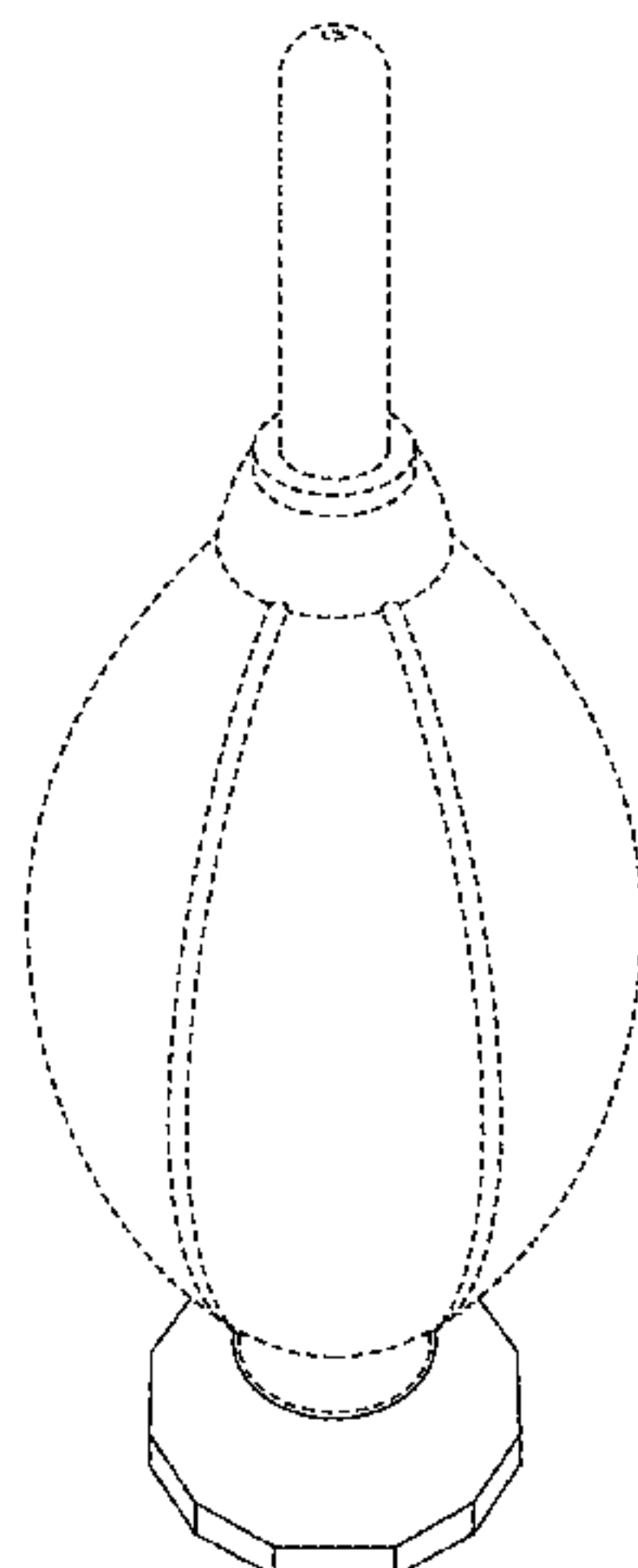
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The broken lines showing a nozzle opposite the conical foot portion and the main body disposed there between depict portions of the spray bulb cleaner for digital camera sensors that form no part of the claimed design.

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**1 Claim, 5 Drawing Sheets**



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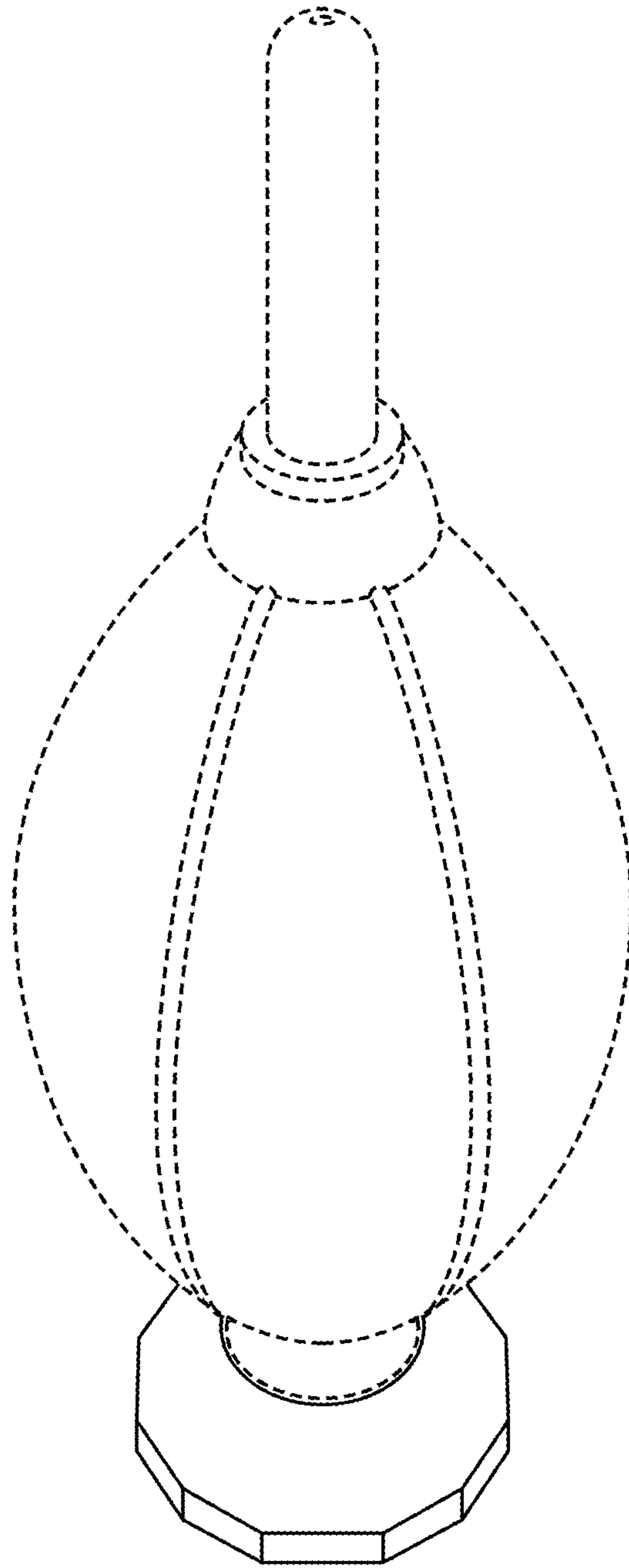


FIG. 1

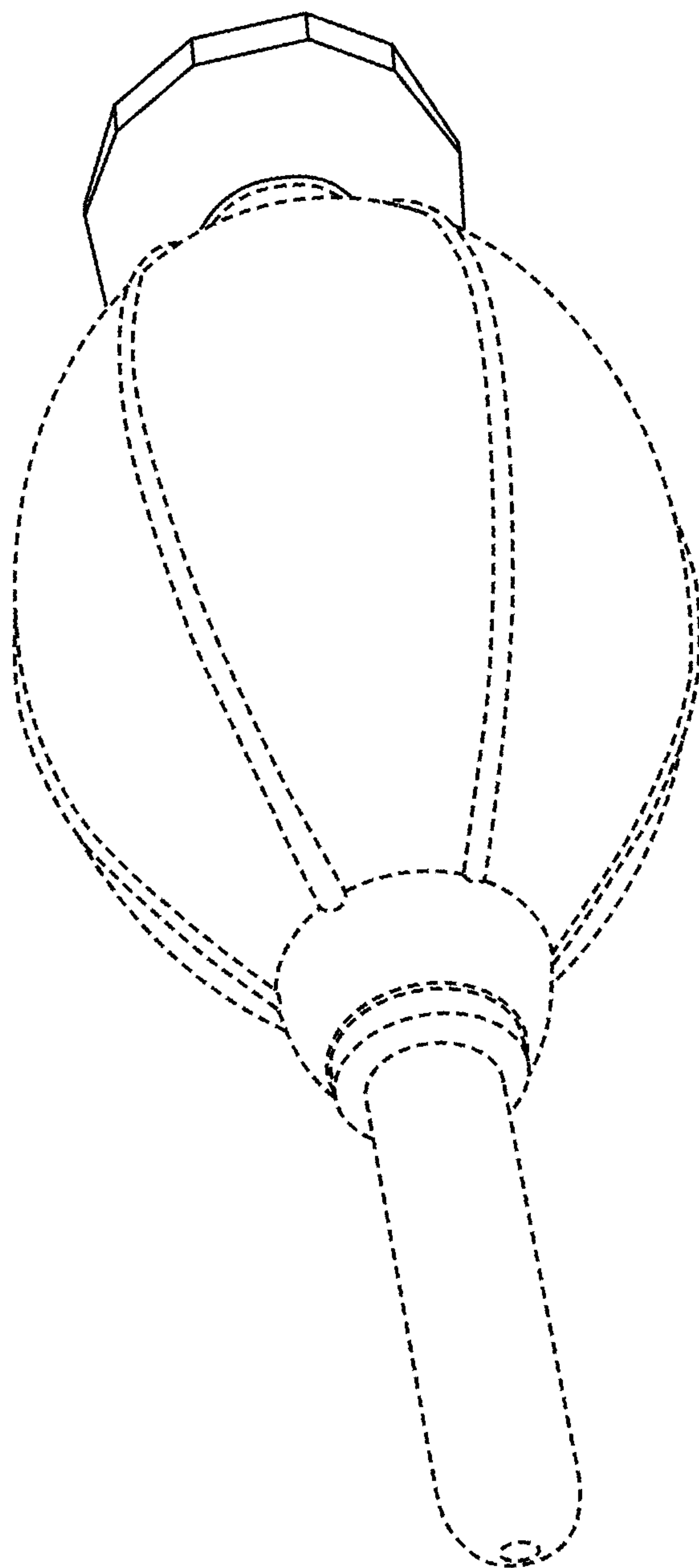


FIG. 2

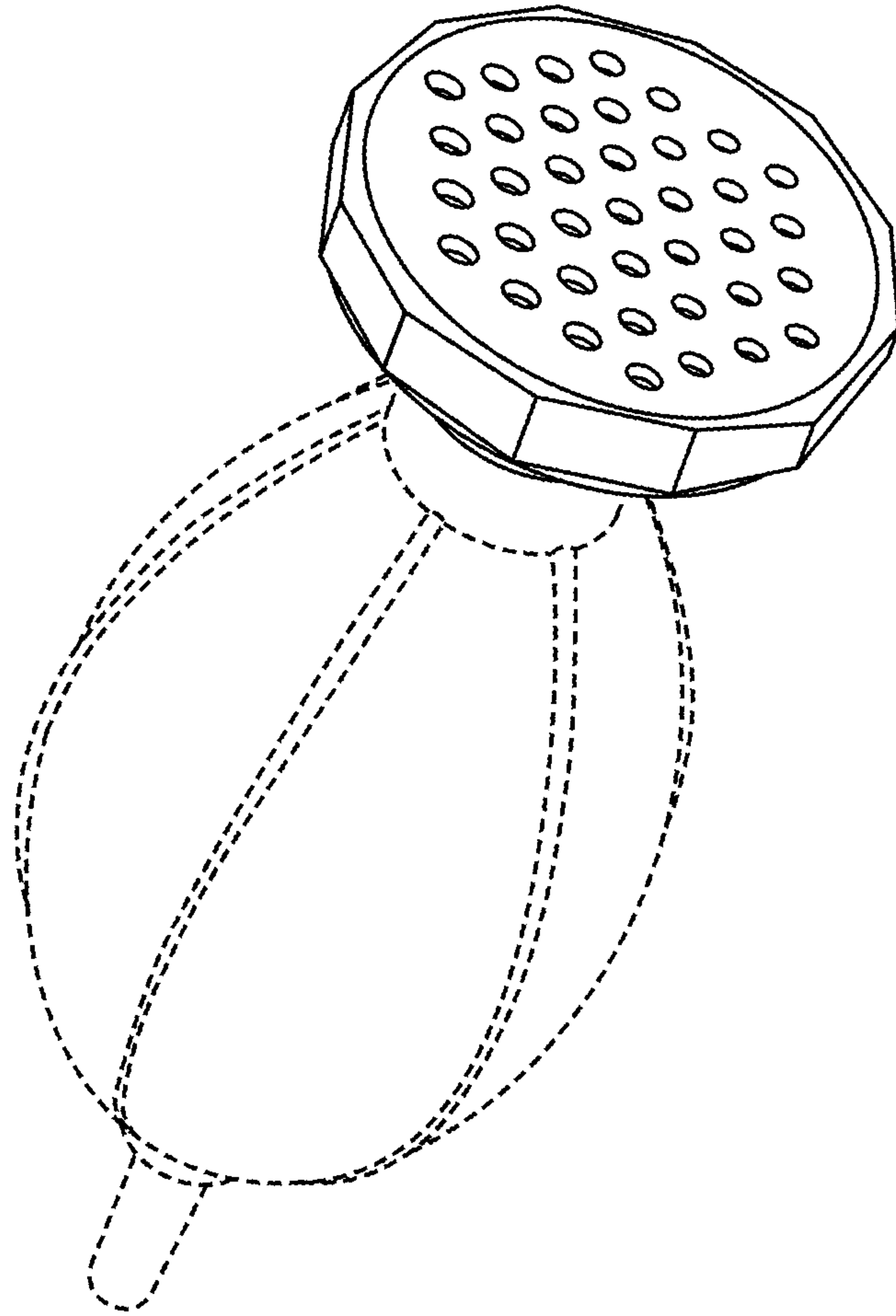


FIG. 3

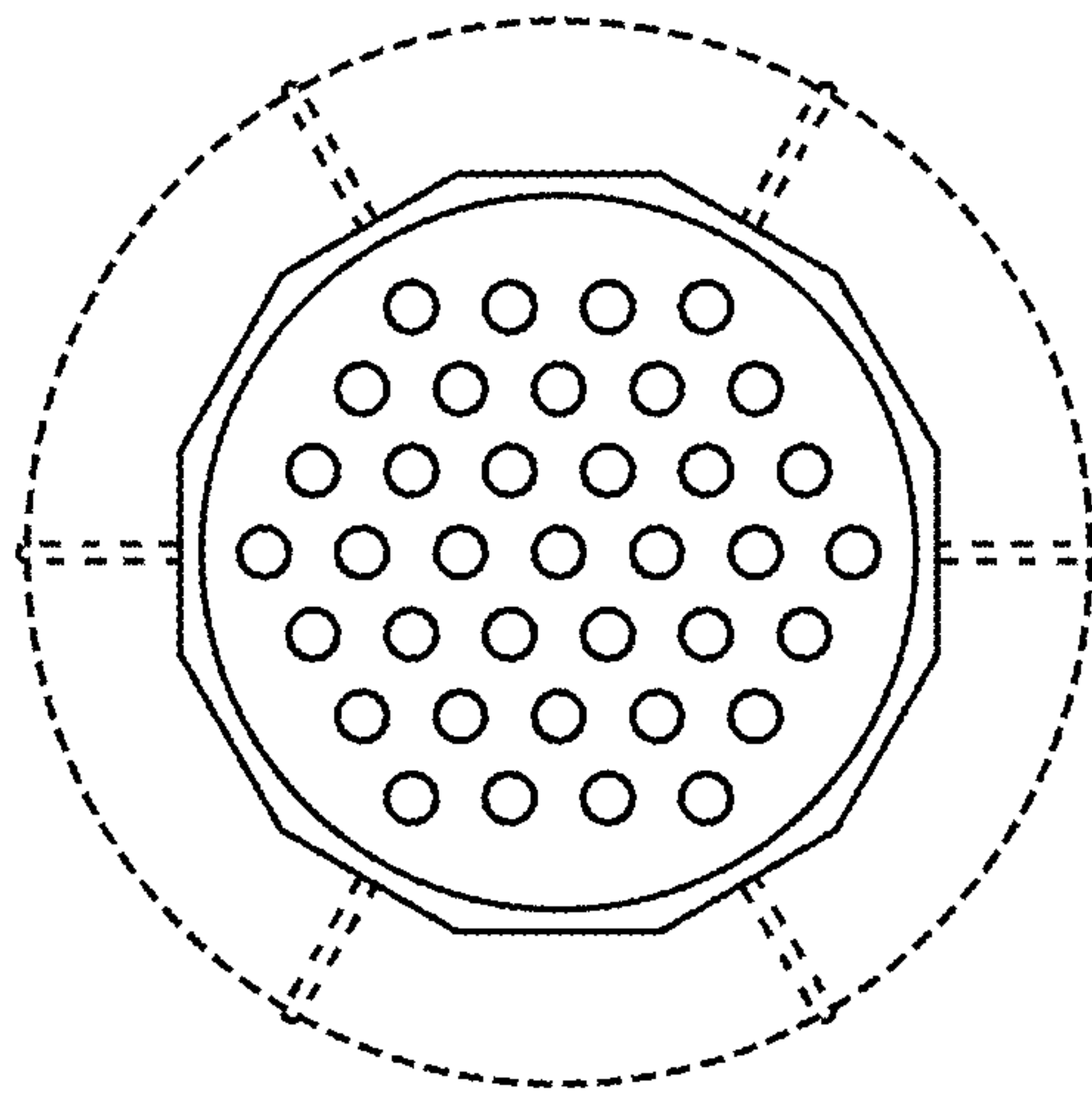


FIG. 4

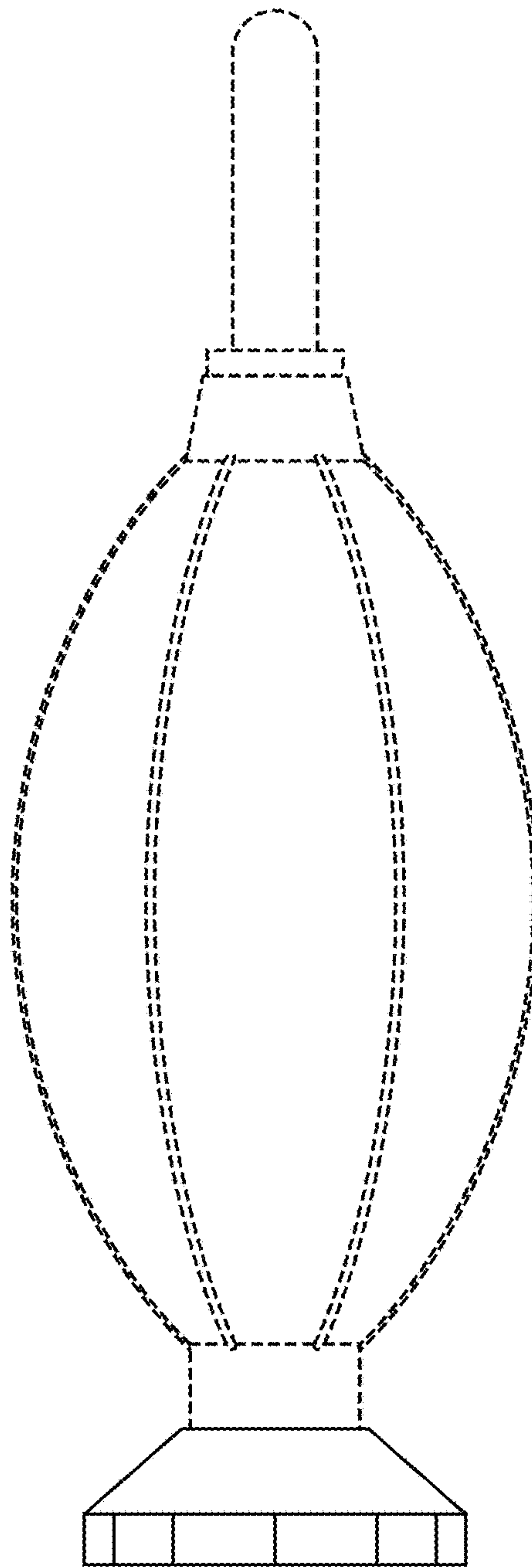


FIG. 5