



US00D807986S

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

(10) **Patent No.:** **US D807,986 S**  
(45) **Date of Patent:** **\*\* Jan. 16, 2018**

(54) **OPEN-ENDED FILTER HOUSING**  
(71) Applicant: **Rapid Pure Inc.**, Lakeland, MN (US)  
(72) Inventor: **John Ruprecht**, Lakeland, MN (US)  
(73) Assignee: **Rapid Pure, Inc.**, Lakeland, MN (US)  
(\*\*) Term: **15 Years**

D643,508 S \* 8/2011 Wilkinson ..... D23/209  
\* cited by examiner  
*Primary Examiner* — Robin V Webster  
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Westman, Champlin & Koehler, P.A.

(21) Appl. No.: **29/560,505**  
(22) Filed: **Apr. 7, 2016**

(57) **CLAIM**

The ornamental design for an open-ended filter housing, as shown and described.

**Related U.S. Application Data**

(62) Division of application No. 29/500,124, filed on Aug. 21, 2014, now Pat. No. Des. 756,483.  
(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, 266  
CPC ..... C02F 1/003  
See application file for complete search history.

**DESCRIPTION**

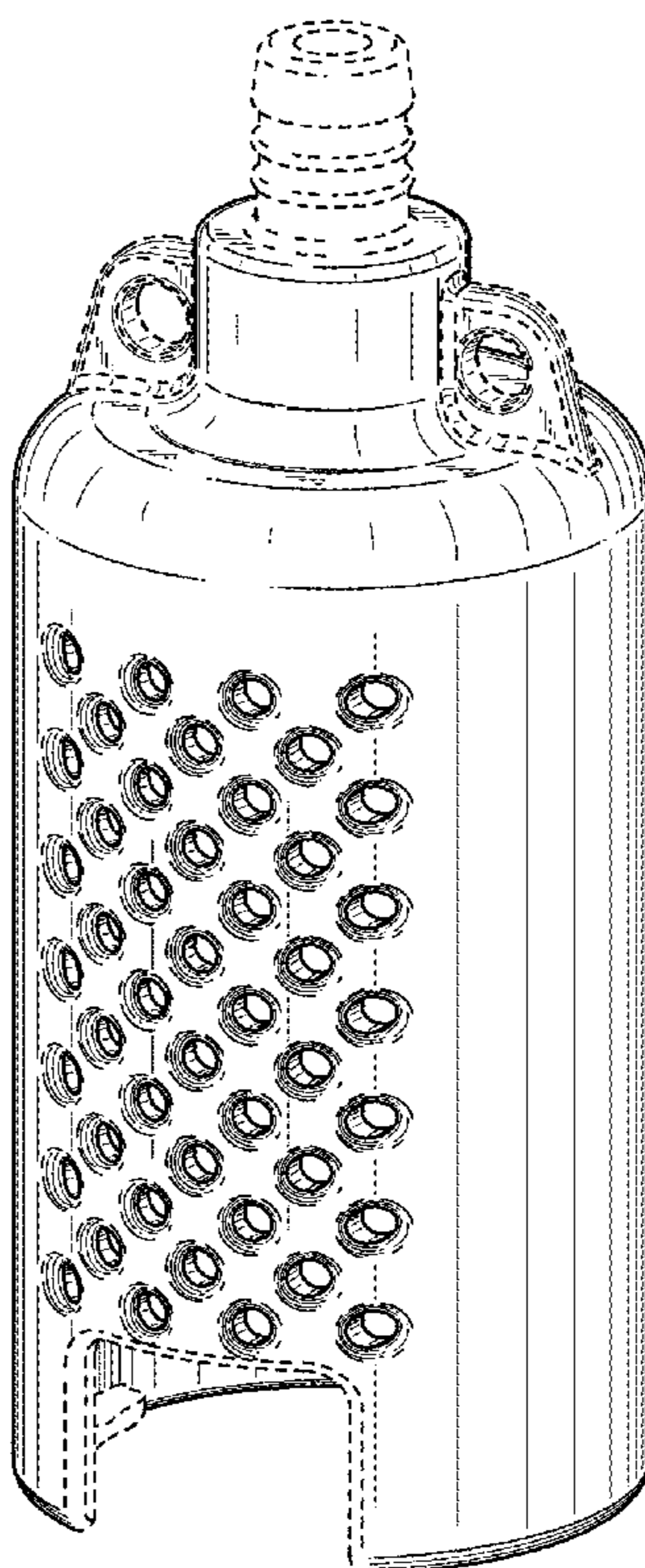
FIG. 1 is a perspective view of an open-ended filter housing showing my new design;  
FIG. 2 is a front view thereof (the rear view is a minor-image thereof);  
FIG. 3 is a side view thereof (from the left side of FIG. 2; the right side view is a mirror-image thereof);  
FIG. 4 is a top view thereof; and,  
FIG. 5 is a bottom view thereof.  
The broken lines showing portions of the filter are included for the purpose of illustrating and form no part of the claimed design.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

7,794,589 B2 \* 9/2010 Kozey ..... B01D 35/05  
D35/5  
D643,090 S \* 8/2011 Cumberland ..... D23/209

**1 Claim, 4 Drawing Sheets**



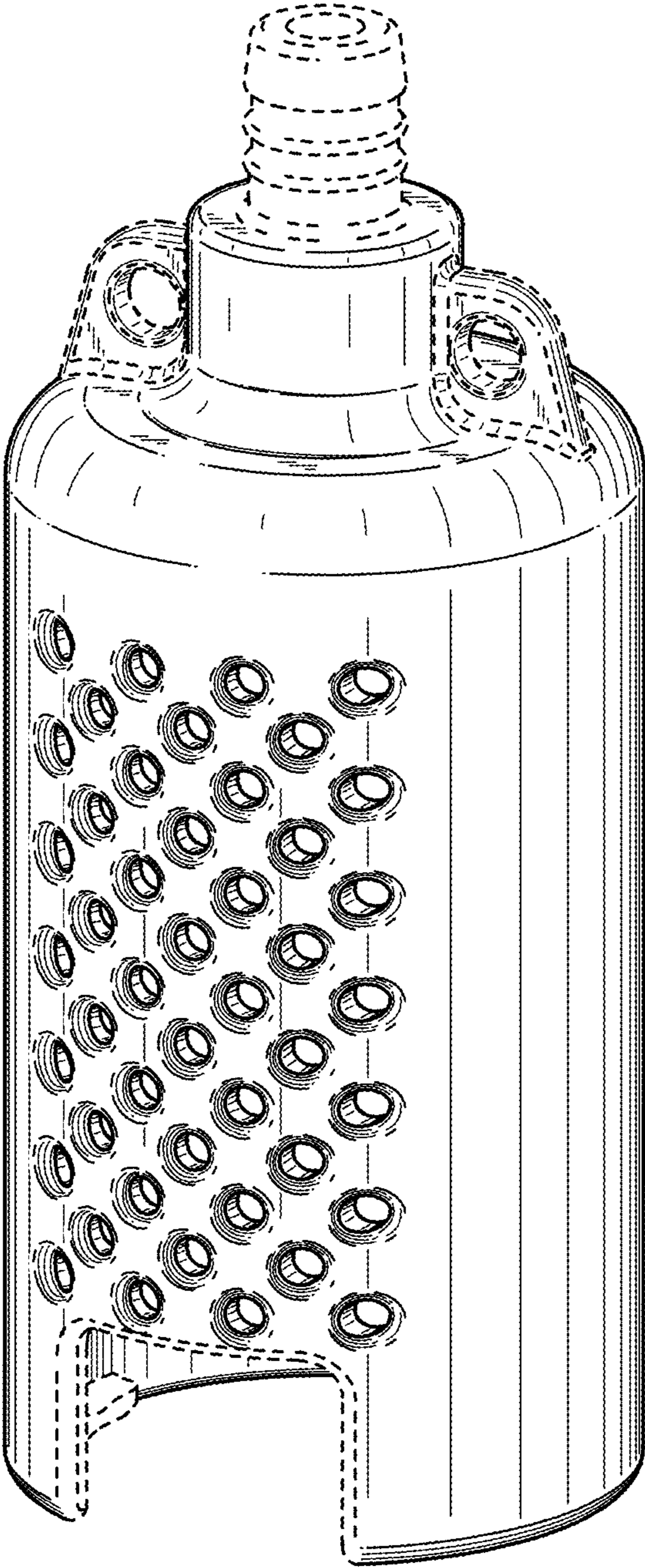


FIG. 1

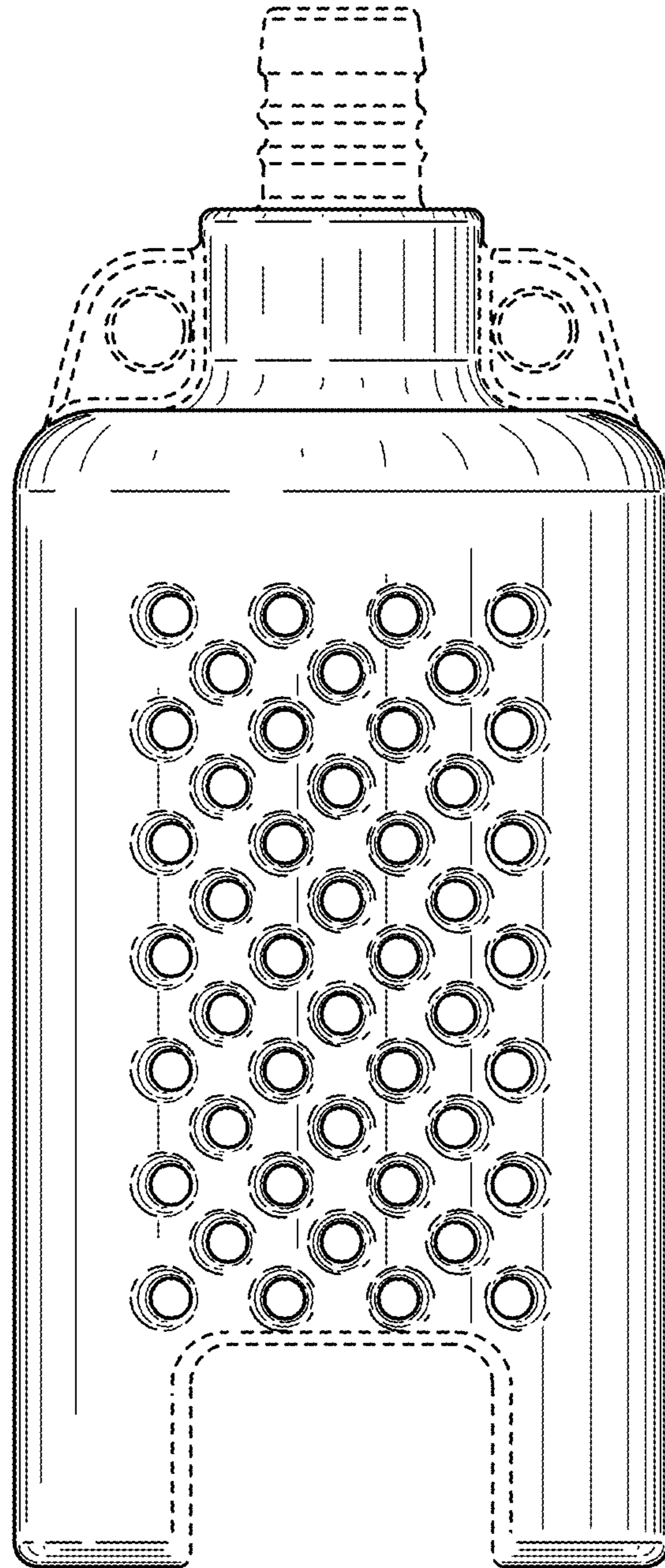


FIG. 2

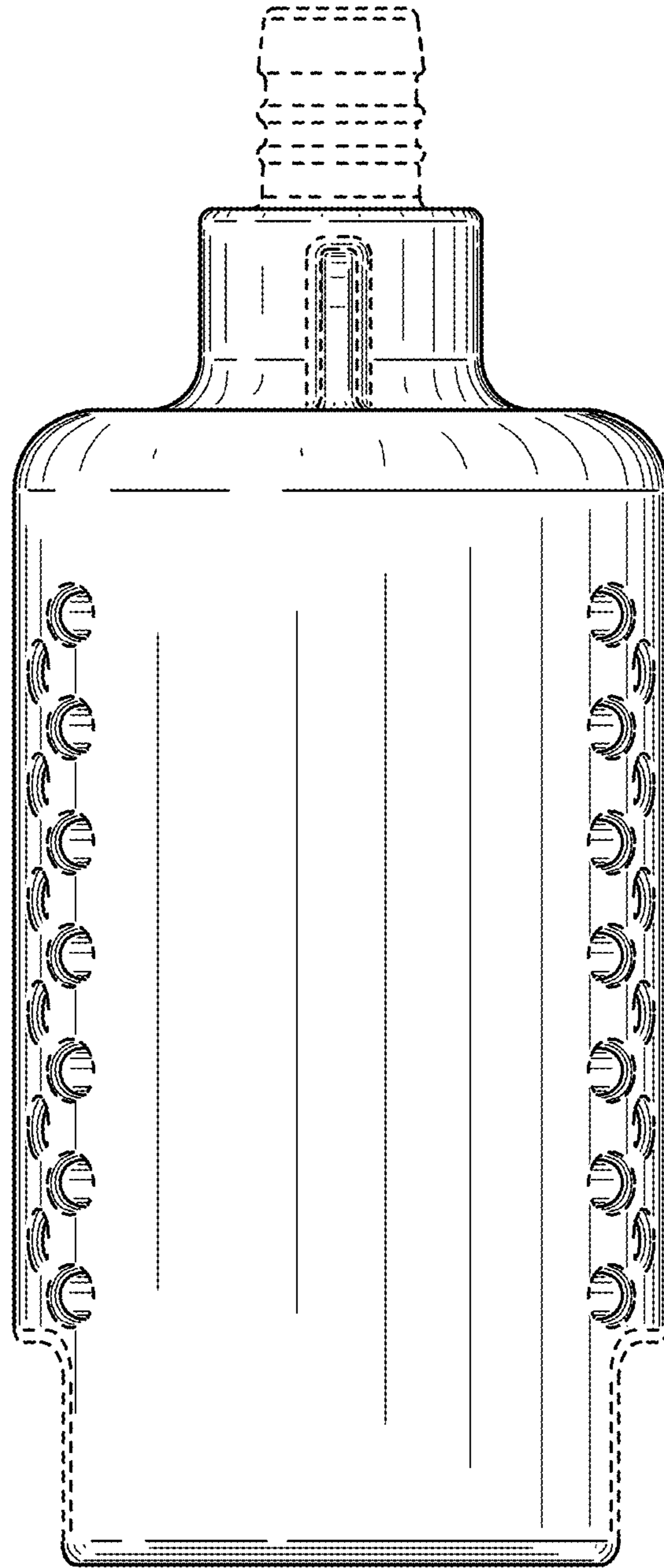


FIG. 3

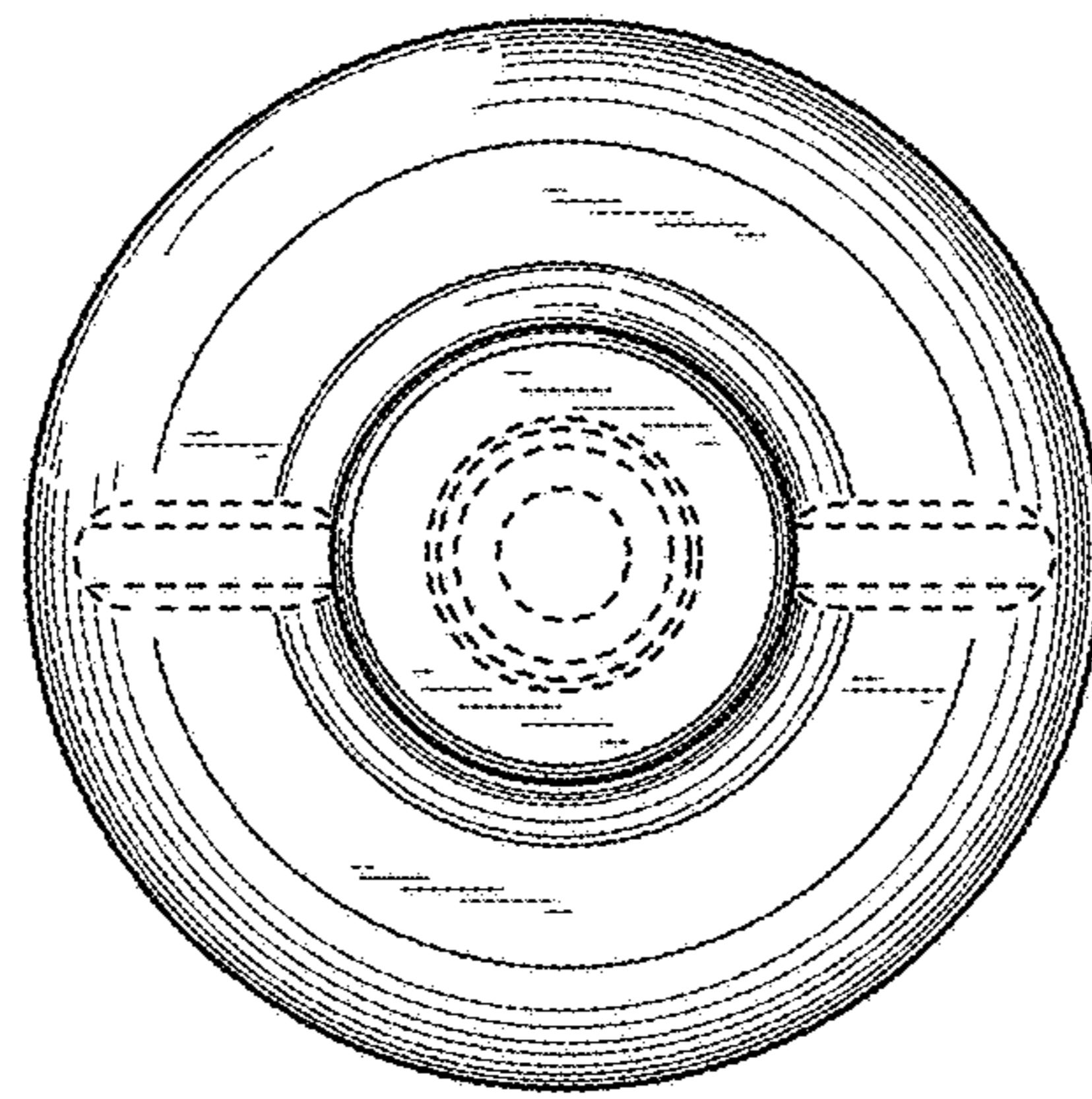


FIG. 4

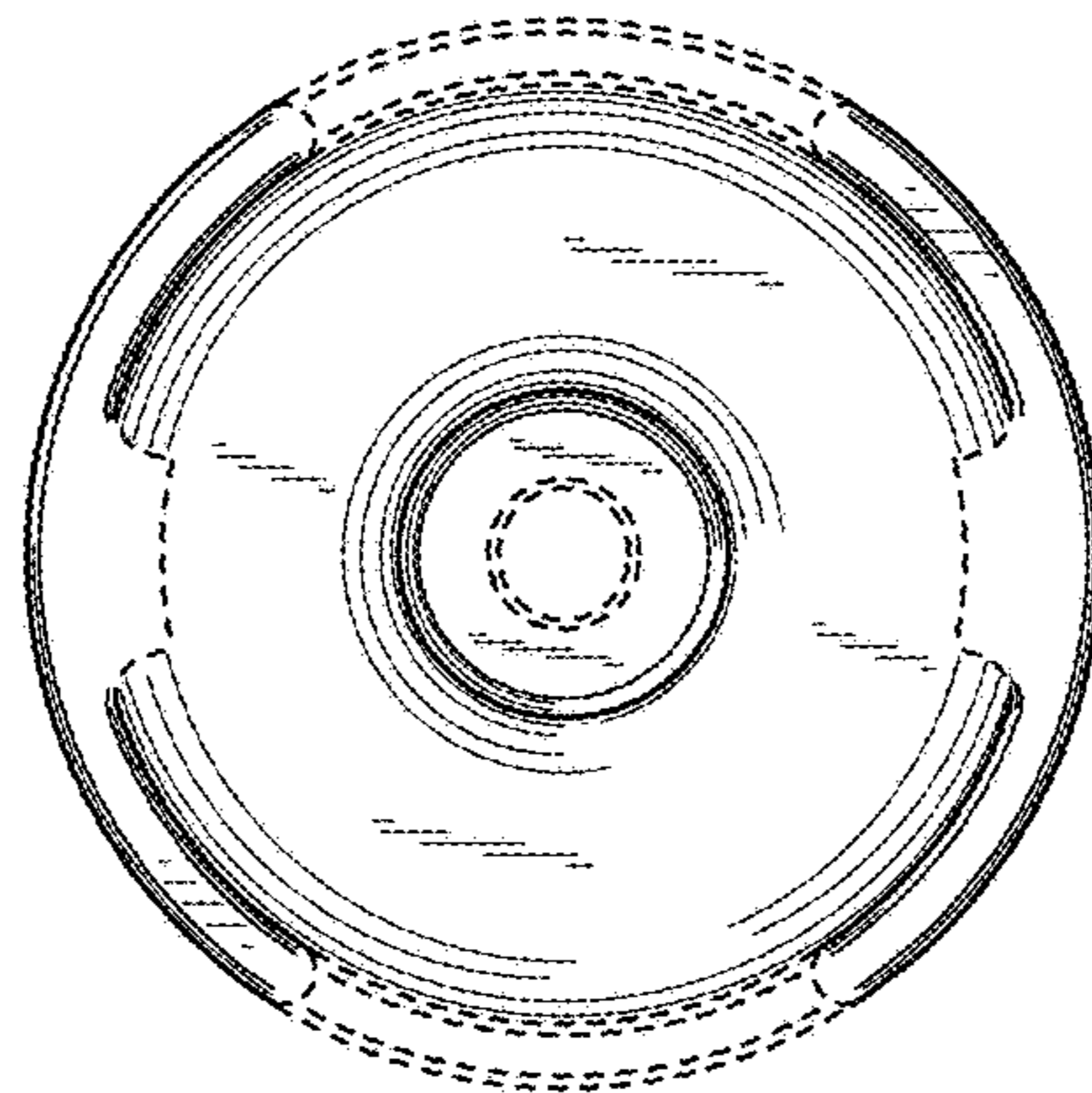


FIG. 5

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D807,986 S  
APPLICATION NO. : 29/560505  
DATED : January 16, 2018  
INVENTOR(S) : John Ruprecht

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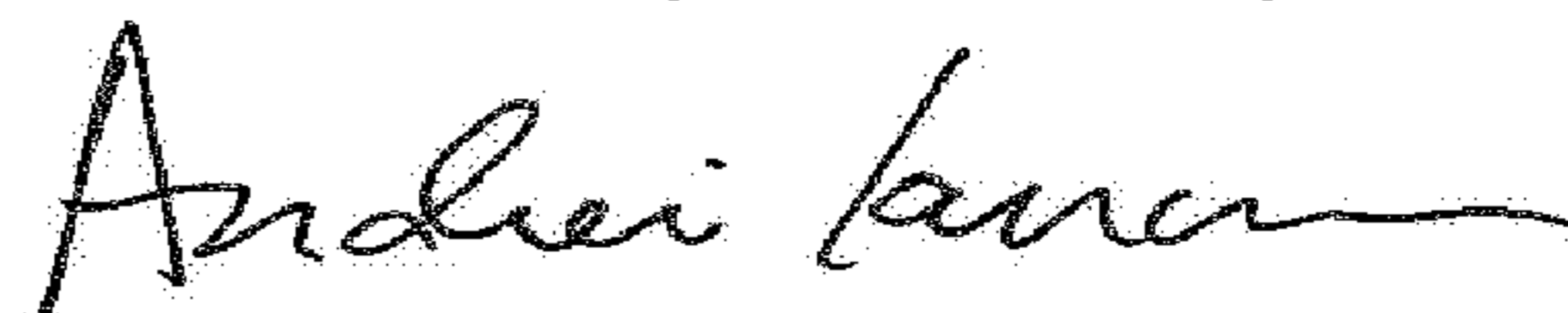
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Under DESCRIPTION: Column 2, Line 3:

In the description of FIG. 2, please delete "minor" and insert -- mirror --.

Signed and Sealed this  
Twentieth Day of February, 2018



Andrei Iancu  
*Director of the United States Patent and Trademark Office*