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(12) **United States Design Patent**  
**Seo et al.**

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(45) **Date of Patent:** **\*\* Jul. 10, 2018**

(54) **HUMIDIFIER**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/356**

(58) **Field of Classification Search**

USPC ..... D23/355, 356, 357-366, 352, 369, 332,  
D23/333, 335, 336, 342, 351, 367

CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D  
47/027; B01D 2221/02; B01D 2259/4508;  
B03C 3/155; B03C 3/368; F24F 3/16;  
F24F 13/20; F24F 13/28; F24F  
2001/0096; F24F 3/1405; F24F 3/1603

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D536,434 S \* 2/2007 DongSheng ..... D23/366  
D729,917 S \* 5/2015 Seo ..... D23/356

D729,918 S \* 5/2015 Seo ..... D23/356  
D735,314 S \* 7/2015 Benamor ..... D23/366  
D757,920 S \* 5/2016 Lin ..... D23/366  
D771,784 S \* 11/2016 McDonnell ..... D23/356  
2015/0323204 A1\* 11/2015 Seo ..... B01F 3/0407  
261/30  
2017/0074532 A1\* 3/2017 Kim ..... F24F 6/00

\* cited by examiner

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(57) **CLAIM**

We claim the ornamental design for a humidifier, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a humidifier according to our new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a left side elevational view thereof;

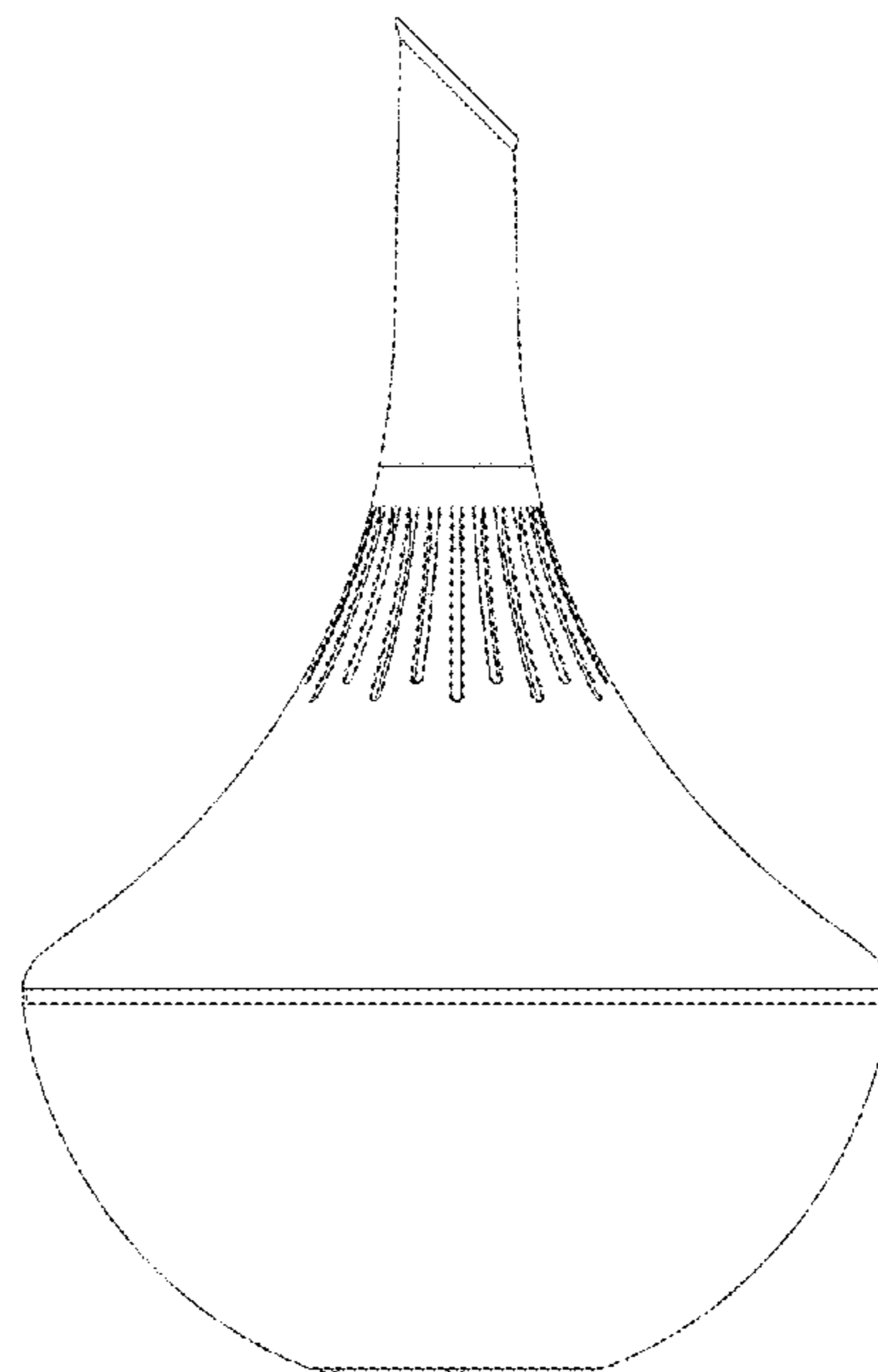
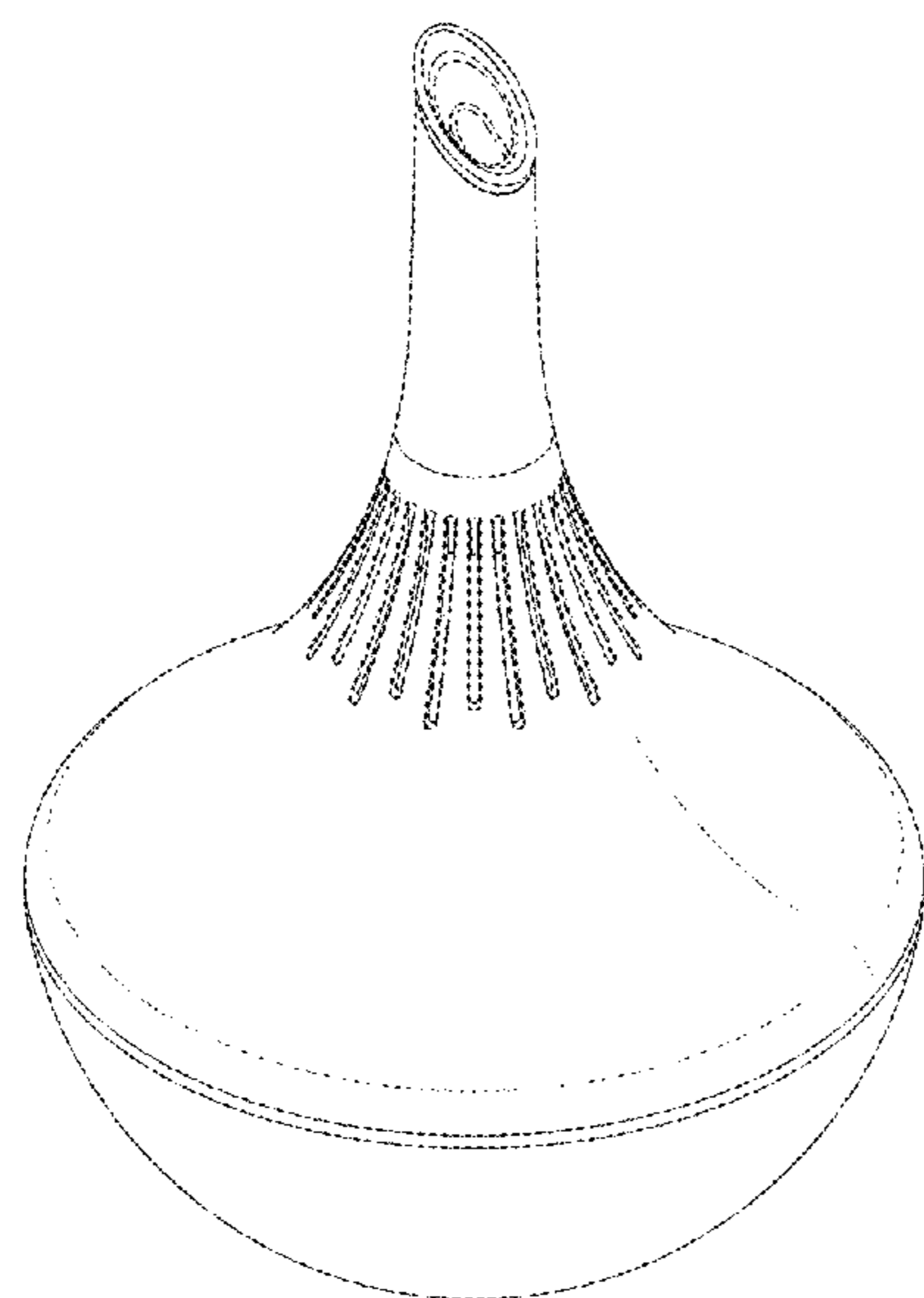
FIG. 5 is a right side elevational view thereof;

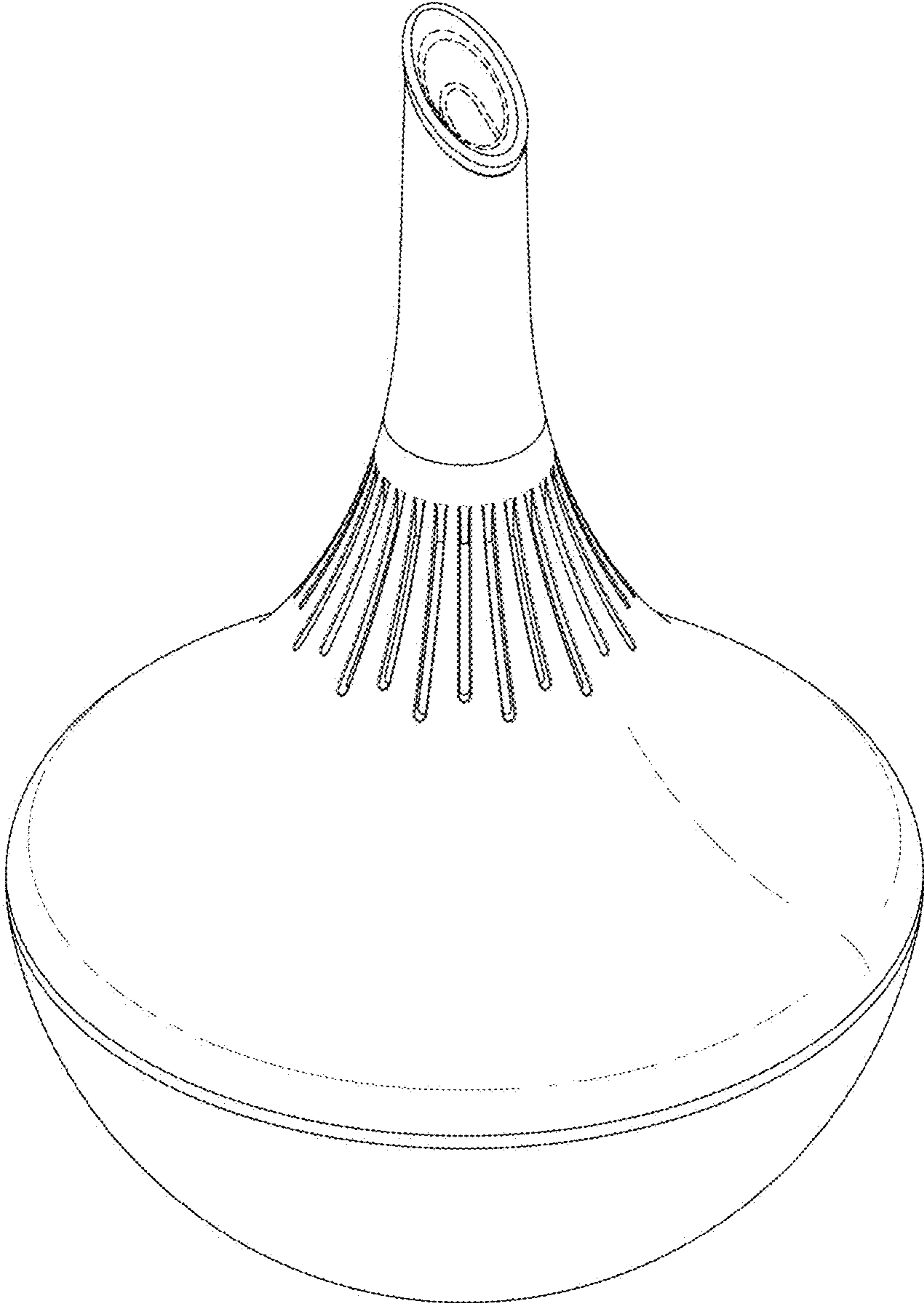
FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken lines shown in the drawings show portions of the humidifier which form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**





**FIG. 1**

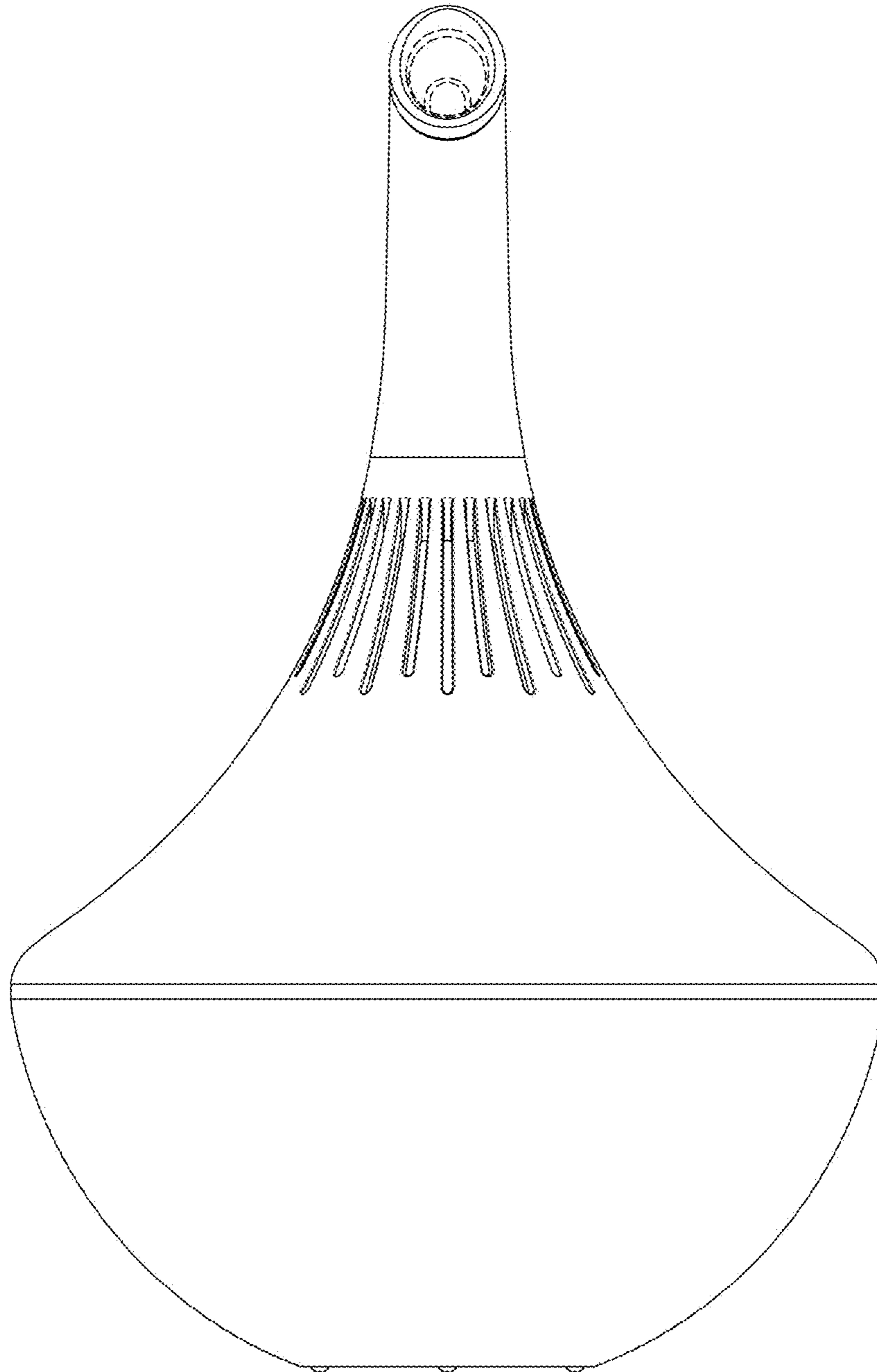


FIG. 2

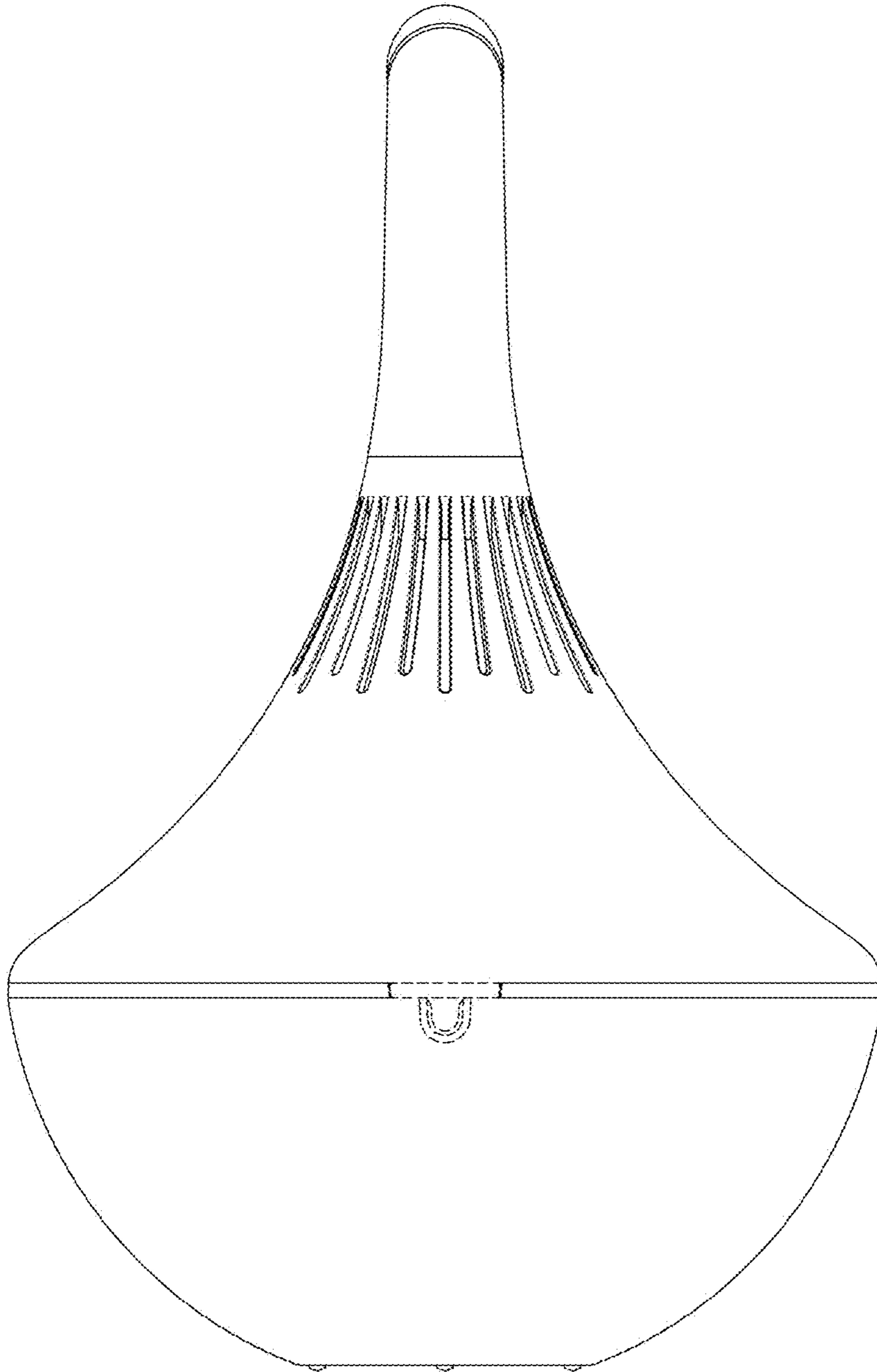


FIG. 3

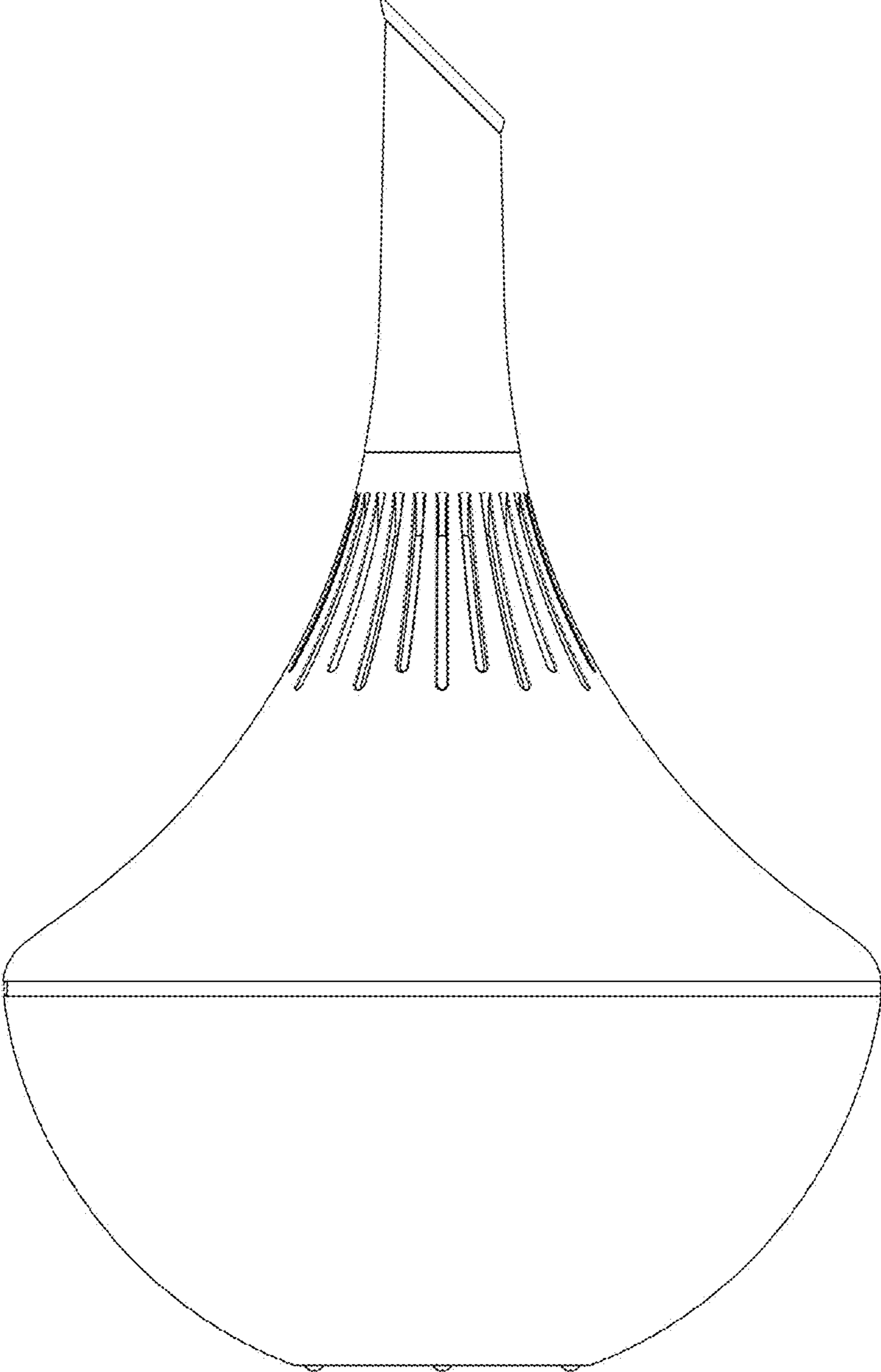


FIG. 4

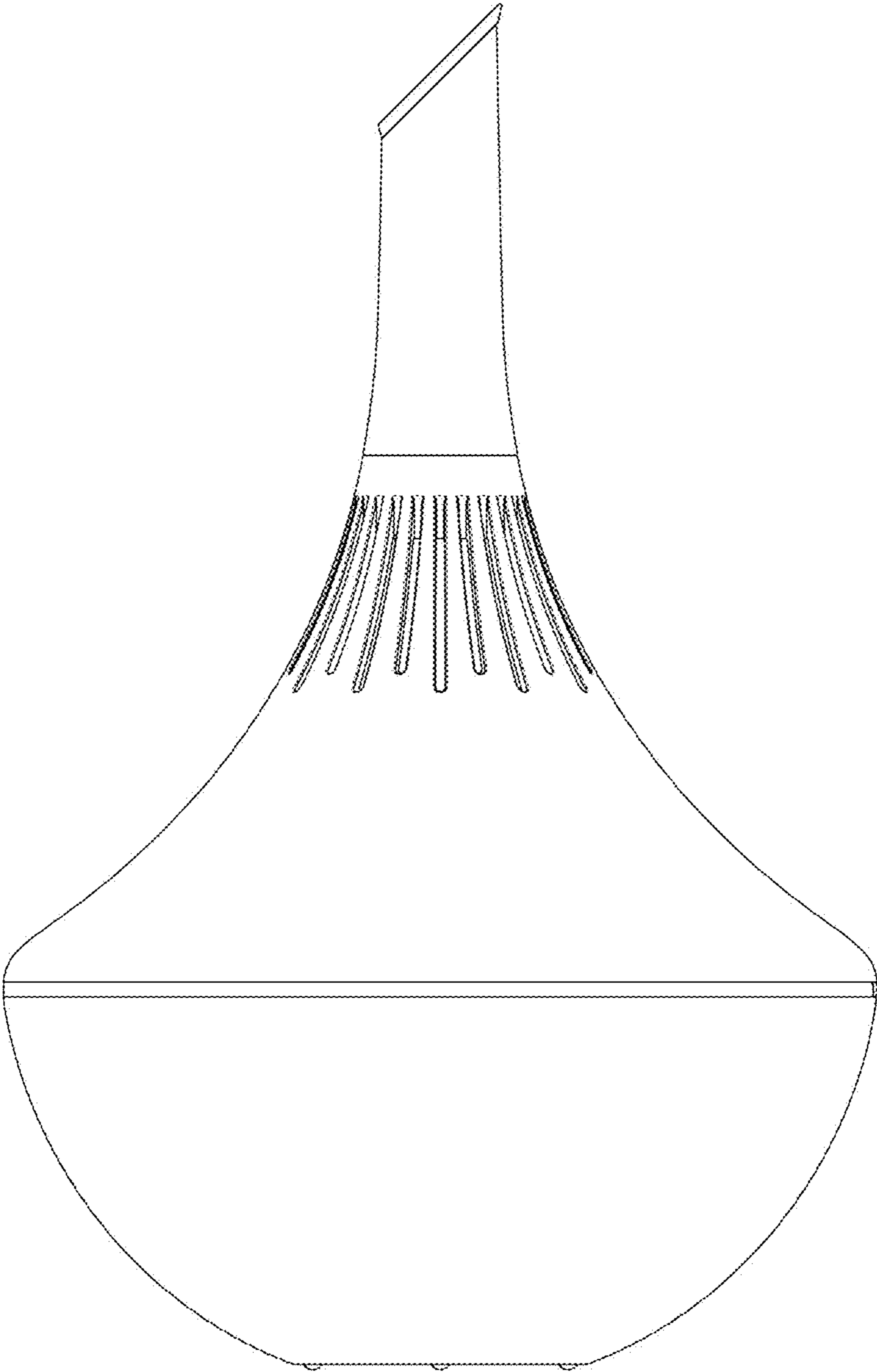


FIG. 5

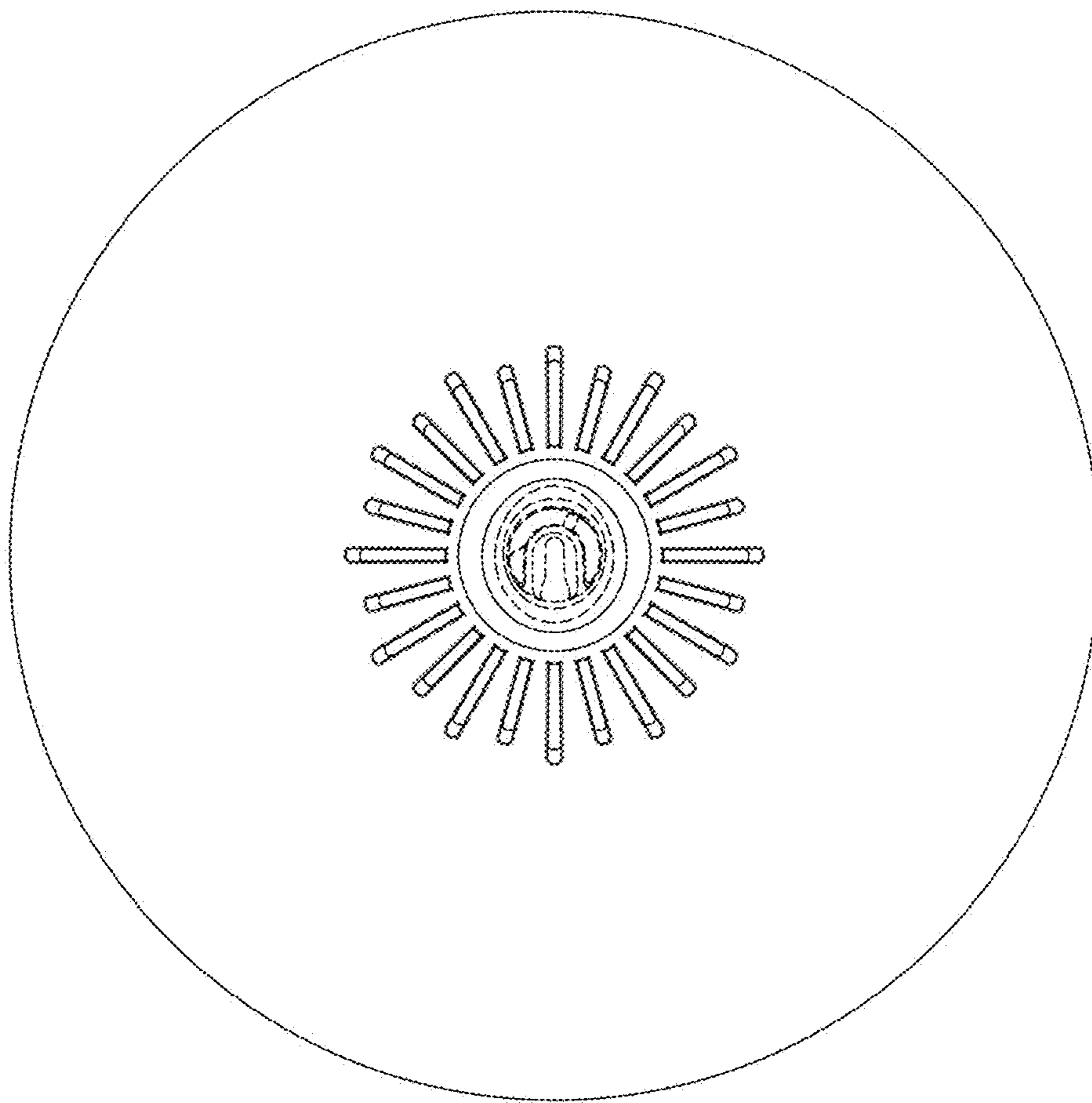


FIG. 6

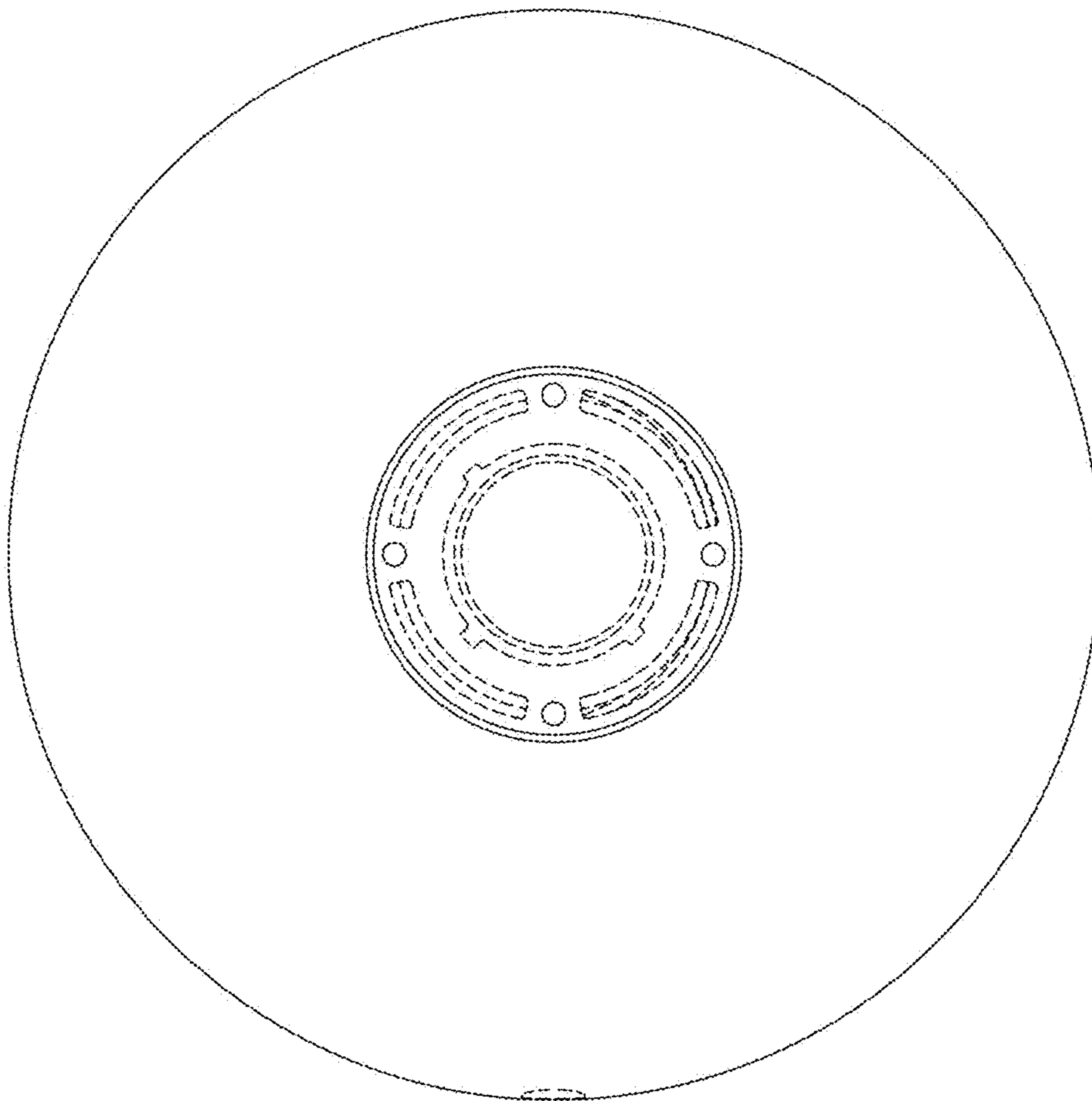


FIG. 7