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(12) **United States Design Patent** (10) **Patent No.:** **US D958,312 S**  
**Xu** (45) **Date of Patent:** **\*\* Jul. 19, 2022**

(54) **HUMIDIFIER**  
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(72) Inventor: **Yongcheng Xu**, Heyuan (CN)  
(\*\*) Term: **15 Years**  
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(30) **Foreign Application Priority Data**

Mar. 9, 2021 (CN) ..... 202130127156.7

(51) **LOC (13) Cl.** ..... **23-04**  
(52) **U.S. Cl.**  
USPC ..... **D23/356**

(58) **Field of Classification Search**  
USPC ..... D23/355-366, 352, 369, 332, 333, 335,  
D23/336, 342, 351; 422/120, 122;  
55/356, 473, 504; 96/97; 261/DIG. 17,  
261/DIG. 65, DIG. 88, DIG. 31  
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  
See application file for complete search history.

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*Primary Examiner* — David G Muller

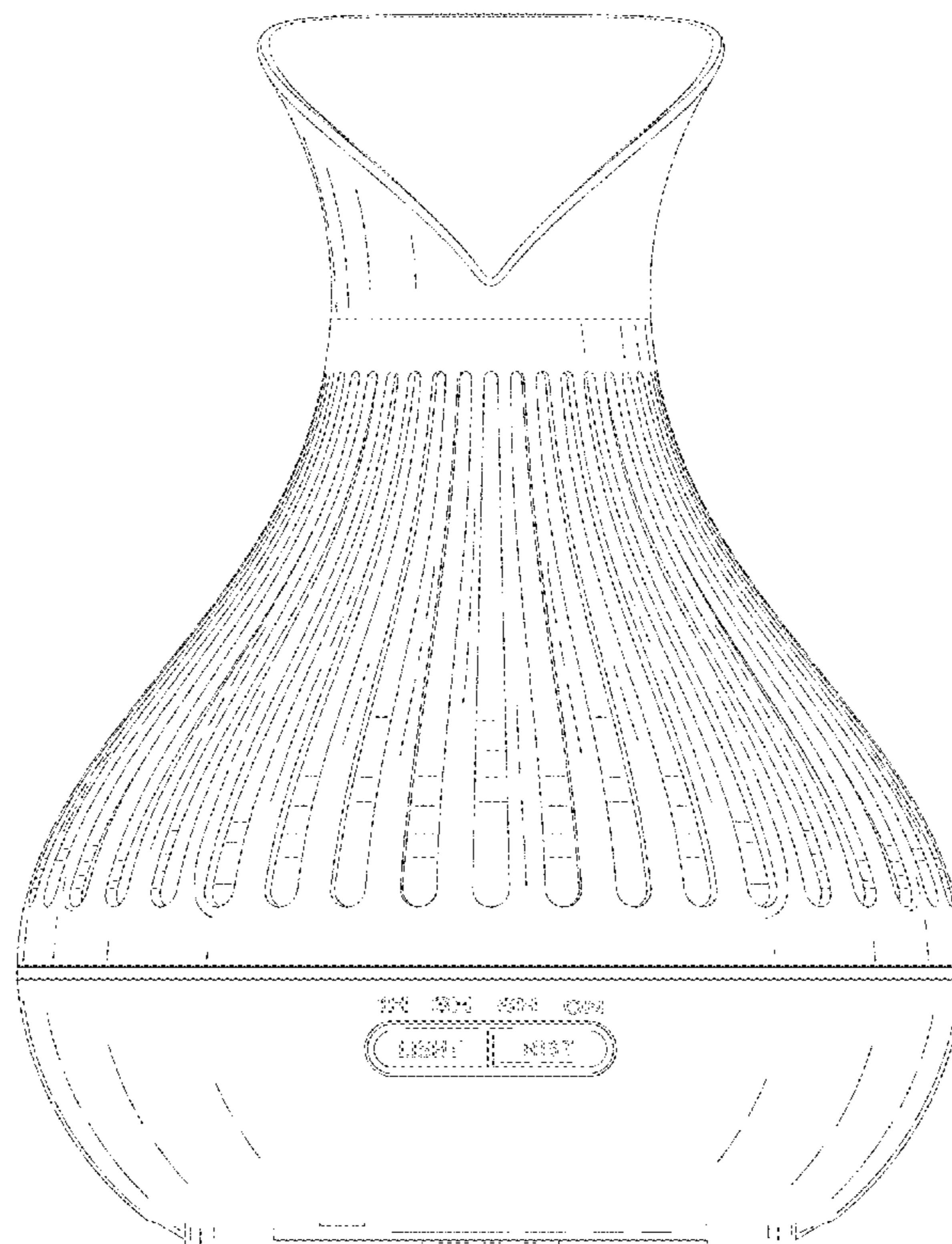
(57) **CLAIM**

The ornamental design for a humidifier, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of a humidifier showing my new design;  
FIG. 2 is a rear view thereof;  
FIG. 3 is a left side view thereof;  
FIG. 4 is a right side view thereof;  
FIG. 5 is a top plan view thereof; and,  
FIG. 6 is a bottom plan view thereof.  
The dashed or broken lines shown in the drawings depict portions of the humidifier in which the design is embodied that form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



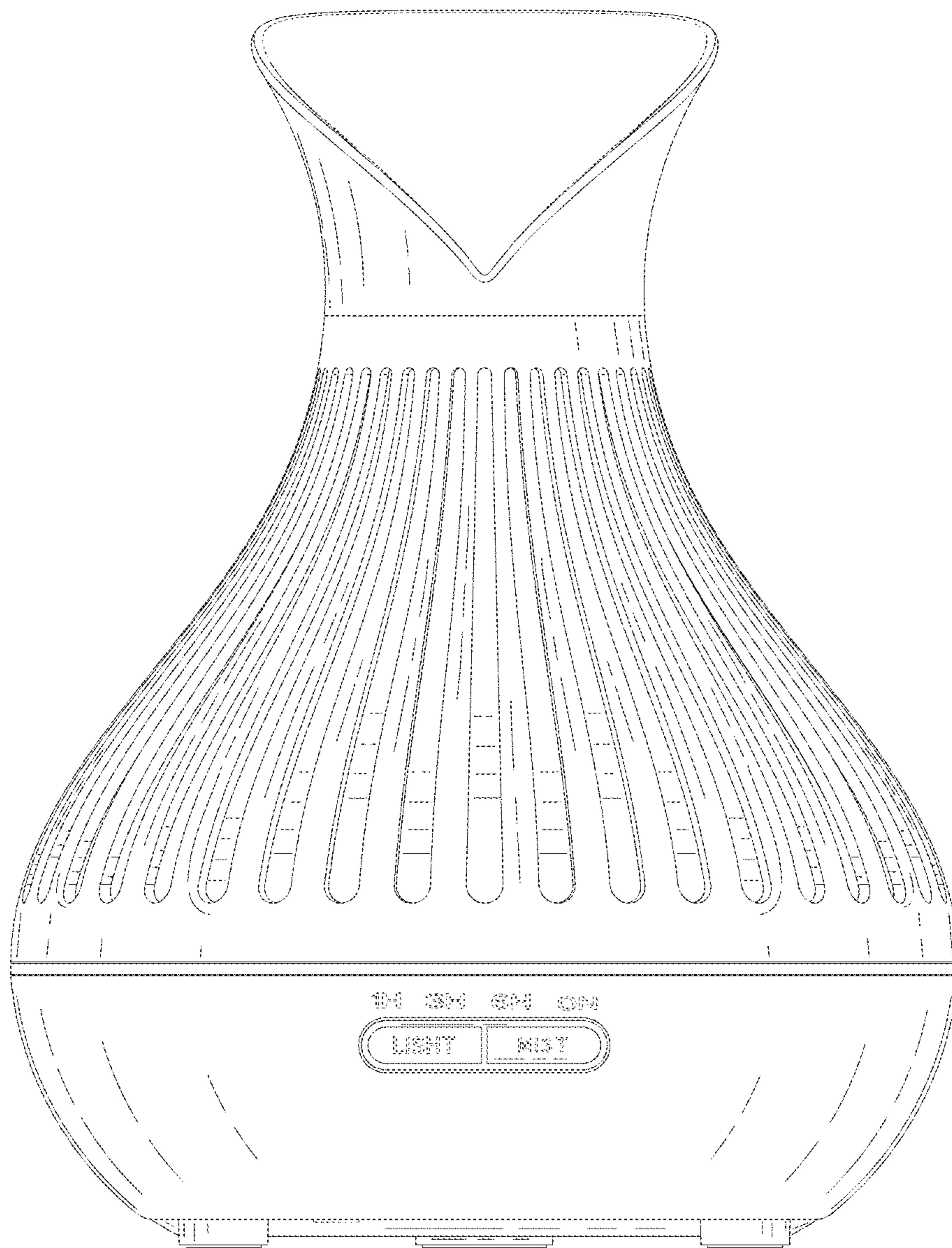


FIG.1

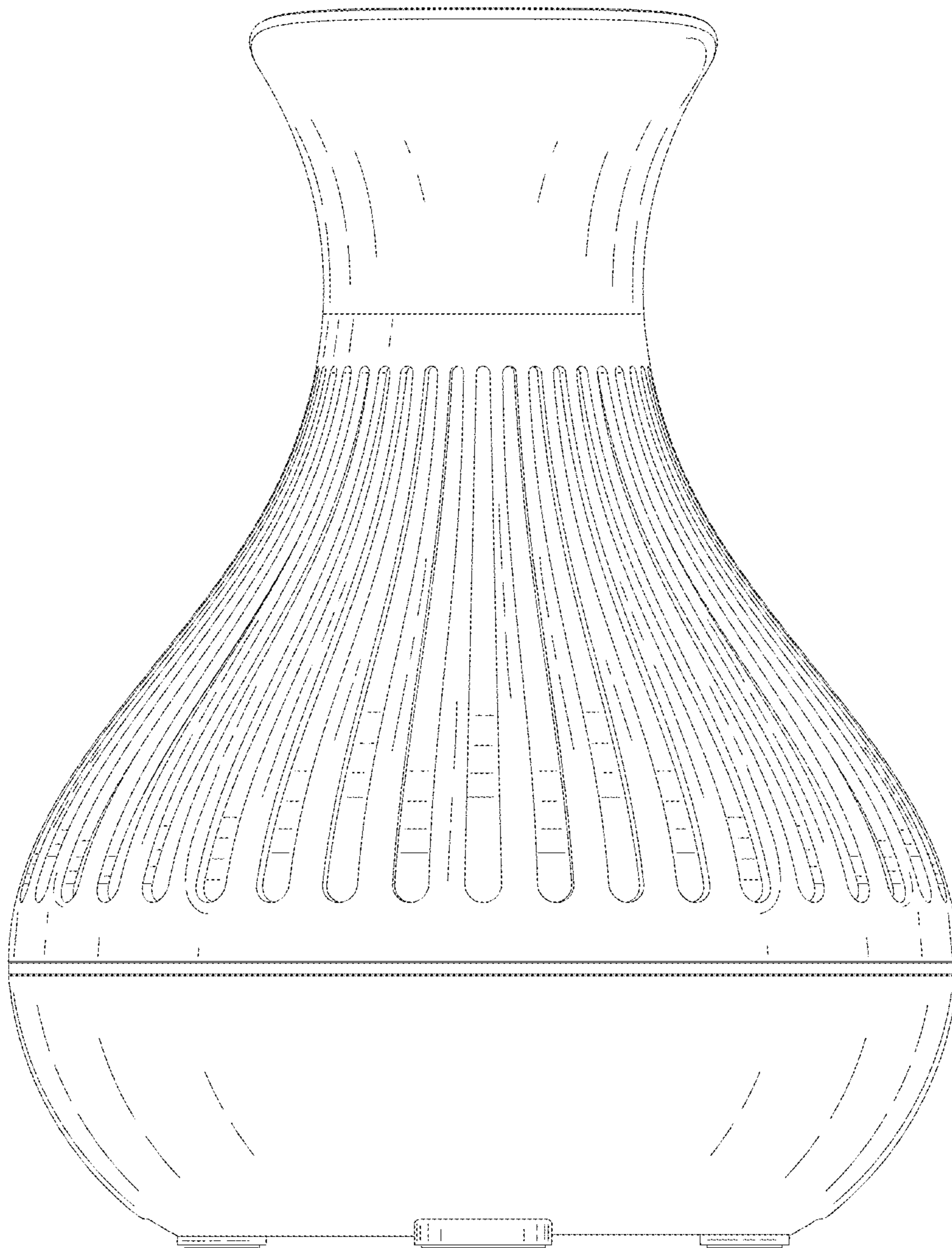


FIG.2

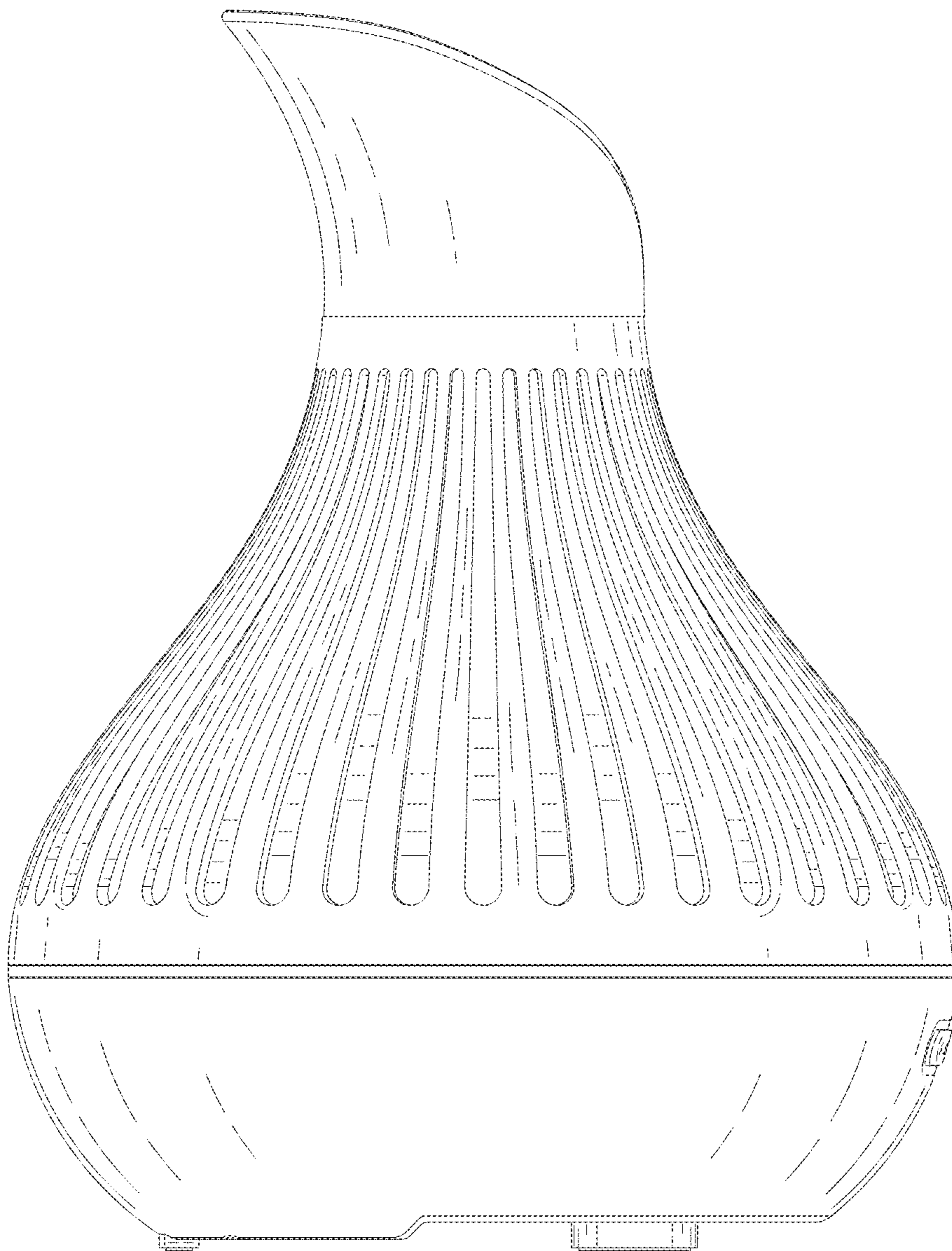


FIG.3

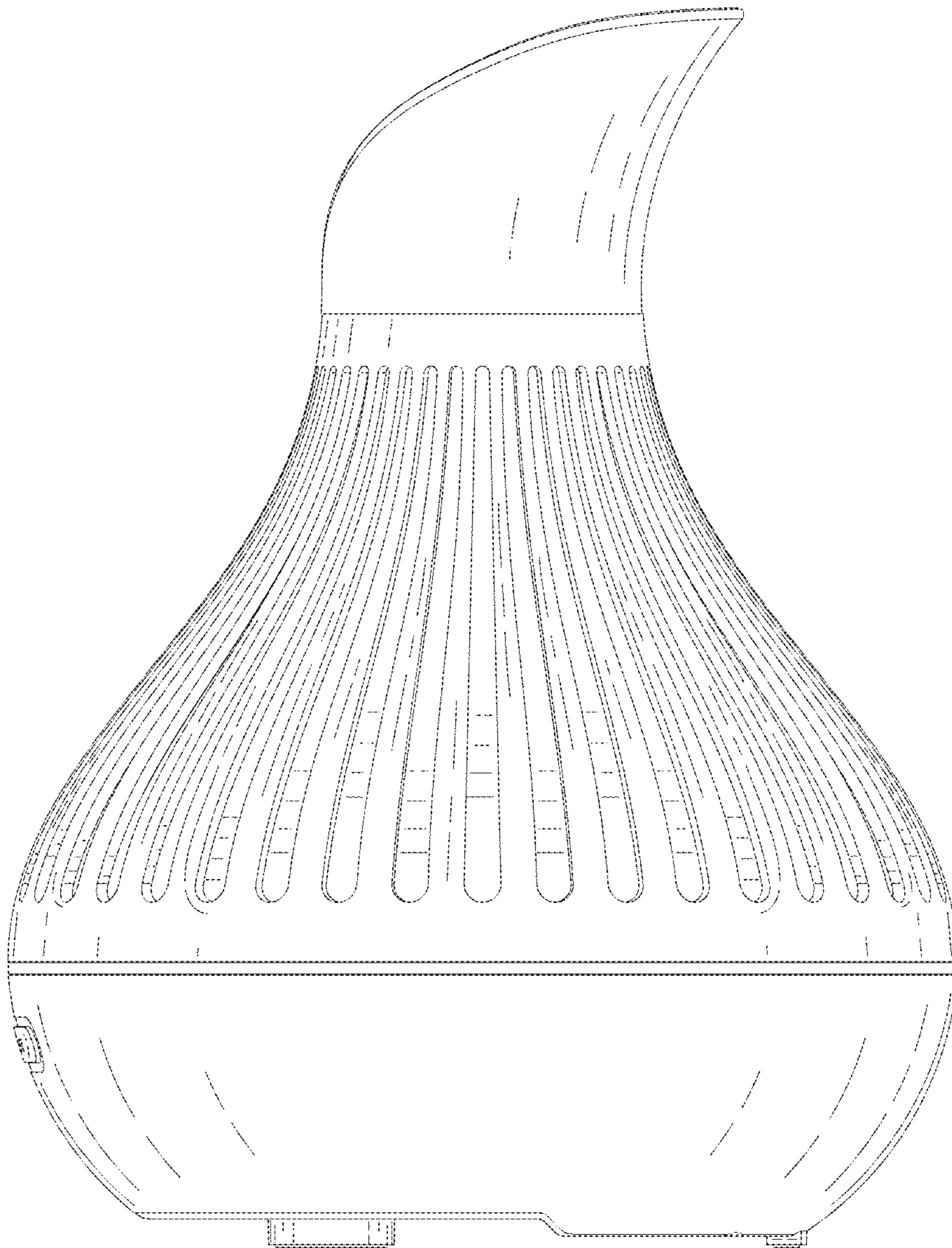


FIG.4

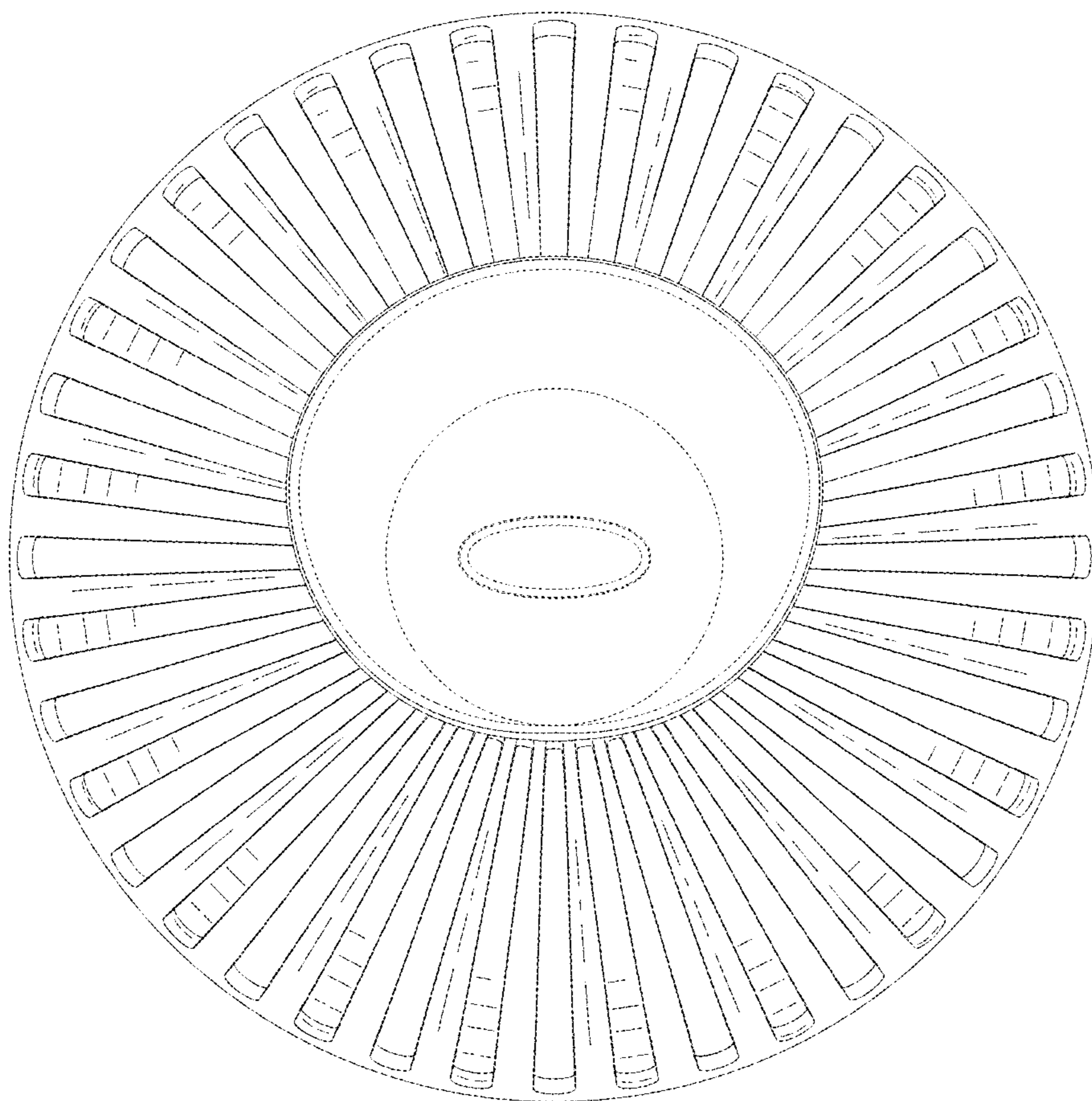


FIG.5

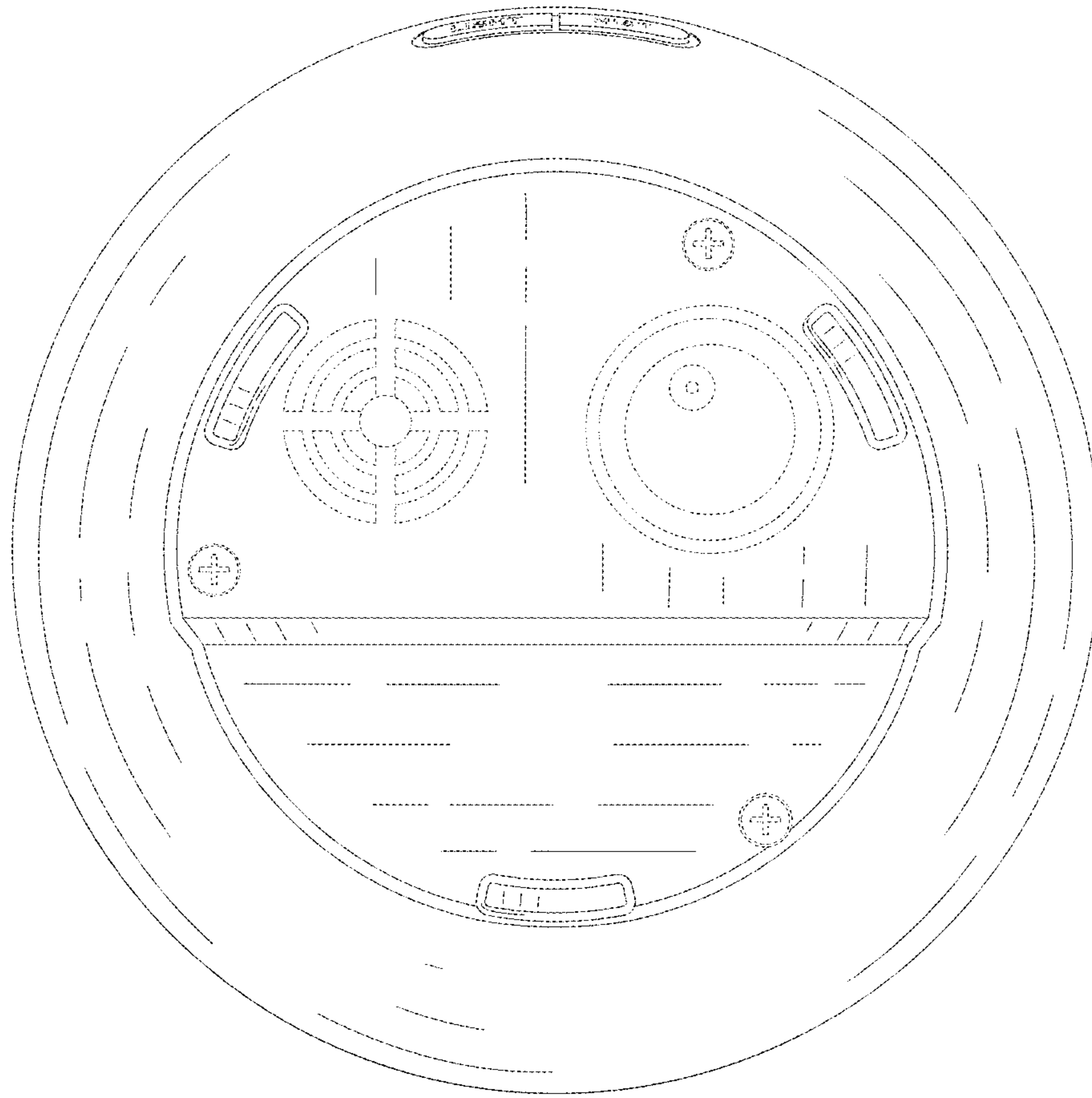


FIG.6