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

(10) **Patent No.:** **US D893,699 S**  
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- (54) **FAN**
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- (73) Assignee: **SHENZHEN SMILE TECHNOLOGY CO., LTD**, Shenzhen (CN)

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

(21) Appl. No.: **29/727,759**

(22) Filed: **Mar. 13, 2020**

(51) **LOC (12) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/382**

(58) **Field of Classification Search**  
USPC ..... D26/59; D23/370–385, 411–414  
CPC ..... F04D 25/088; F04D 29/38; F21V 21/03;  
B63H 1/16  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 6,155,782 A \* 12/2000 Hsu ..... F04D 25/084  
415/126
- D669,976 S \* 10/2012 Hsu ..... D23/382
- D727,488 S \* 4/2015 Hsu ..... D23/382
- D770,033 S \* 10/2016 Ksiazek ..... D23/411

- D837,963 S \* 1/2019 Xu ..... D23/382
- D841,796 S \* 2/2019 Freeland ..... D23/382
- D855,171 S \* 7/2019 Xu ..... D23/382
- 10,436,206 B2 \* 10/2019 Freeland ..... F04D 29/644
- D865,937 S \* 11/2019 Lin ..... D23/382
- D879,283 S \* 3/2020 Liao ..... D23/382
- D884,868 S \* 5/2020 Chen ..... D23/382
- D885,554 S \* 5/2020 Puglia, Sr. .... D23/379
- D885,555 S \* 5/2020 Wang ..... D23/382
- 2012/0014805 A1 1/2012 Hsuen
- 2013/0004330 A1 1/2013 He et al.
- 2018/0355875 A1 12/2018 Freeland et al.

\* cited by examiner

*Primary Examiner* — Janice Hallmark

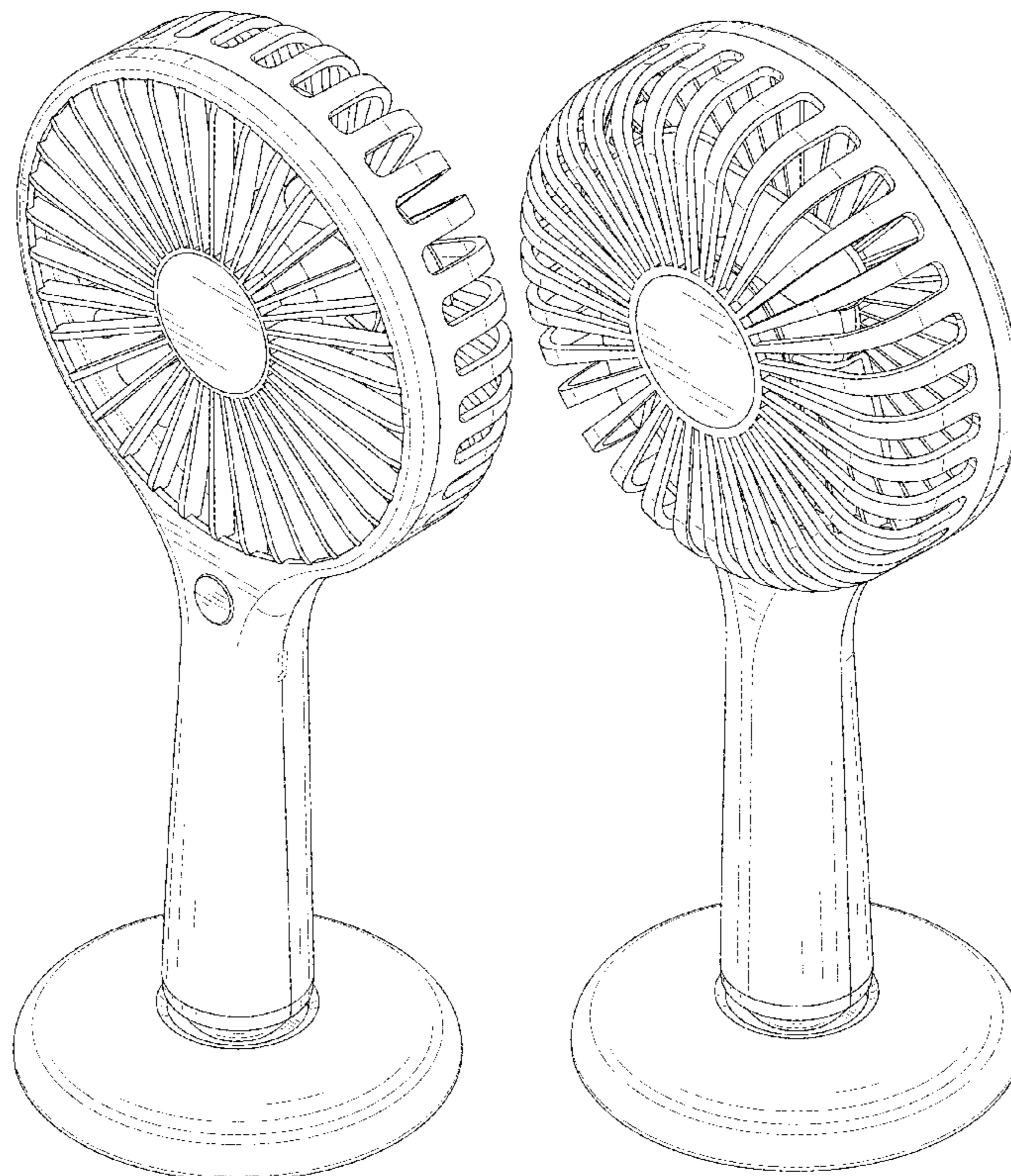
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a fan showing my new design;  
 FIG. 2 is another perspective view thereof;  
 FIG. 3 is a front elevational view thereof;  
 FIG. 4 is a rear elevational view thereof;  
 FIG. 5 is a left side elevational view thereof;  
 FIG. 6 is a right side elevational view thereof;  
 FIG. 7 is a top plan view thereof; and,  
 FIG. 8 is a bottom plan view thereof.  
 The broken lines in the drawings depict boundaries of the fan that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



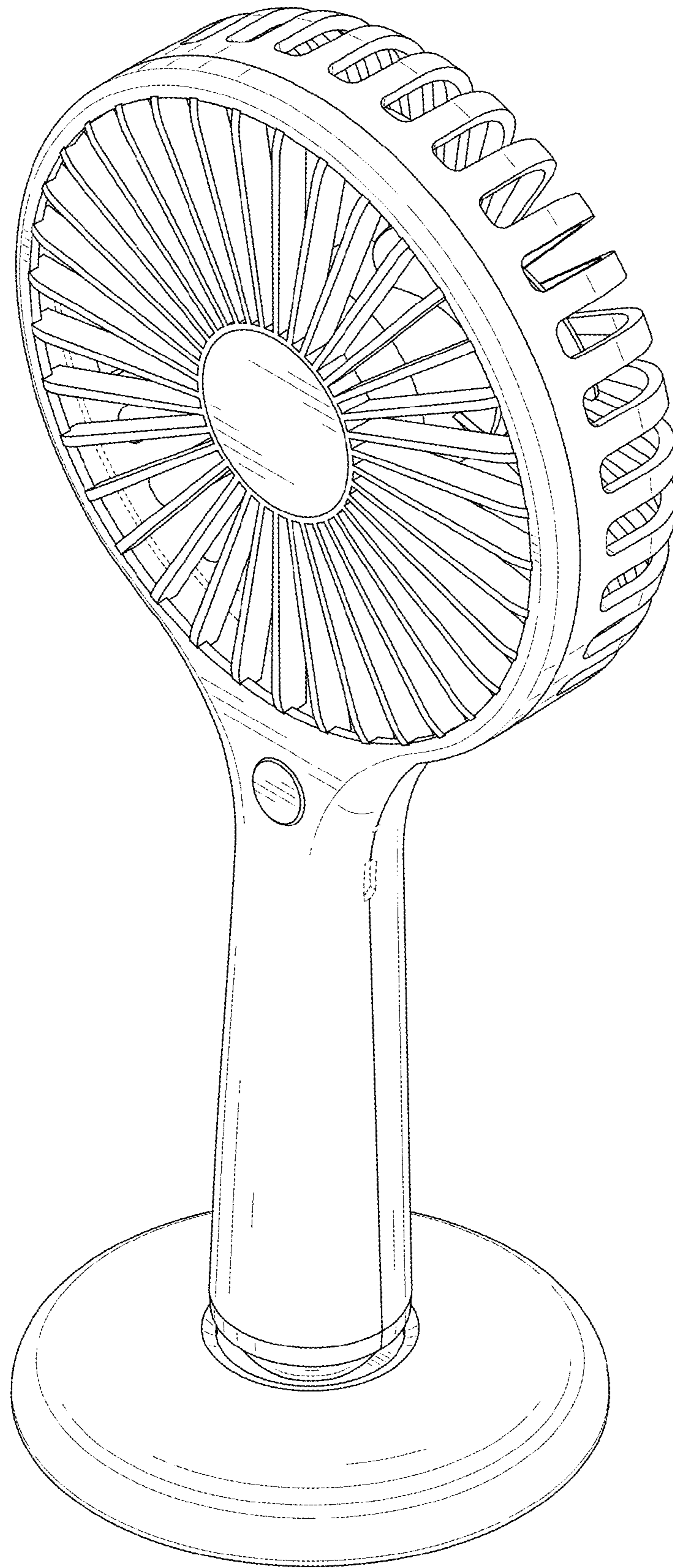


FIG. 1

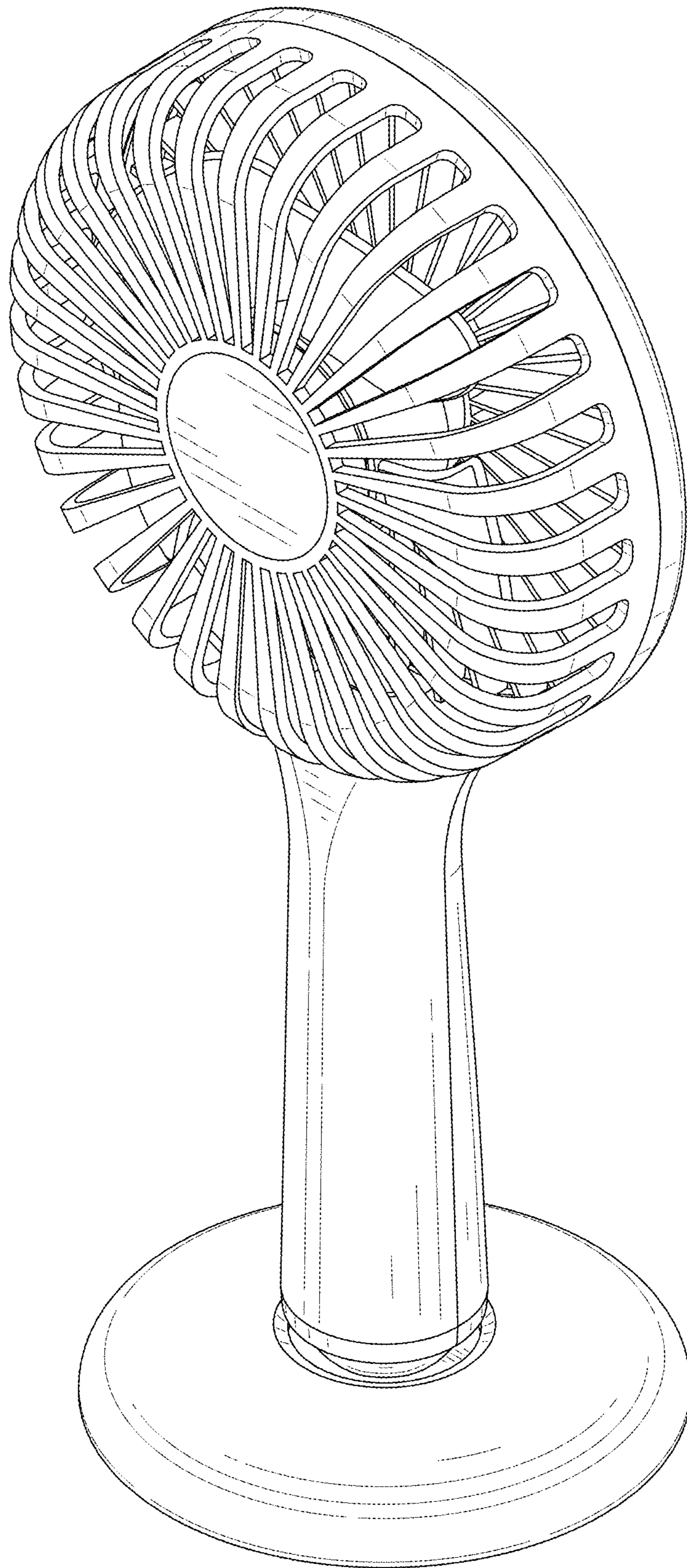


FIG. 2

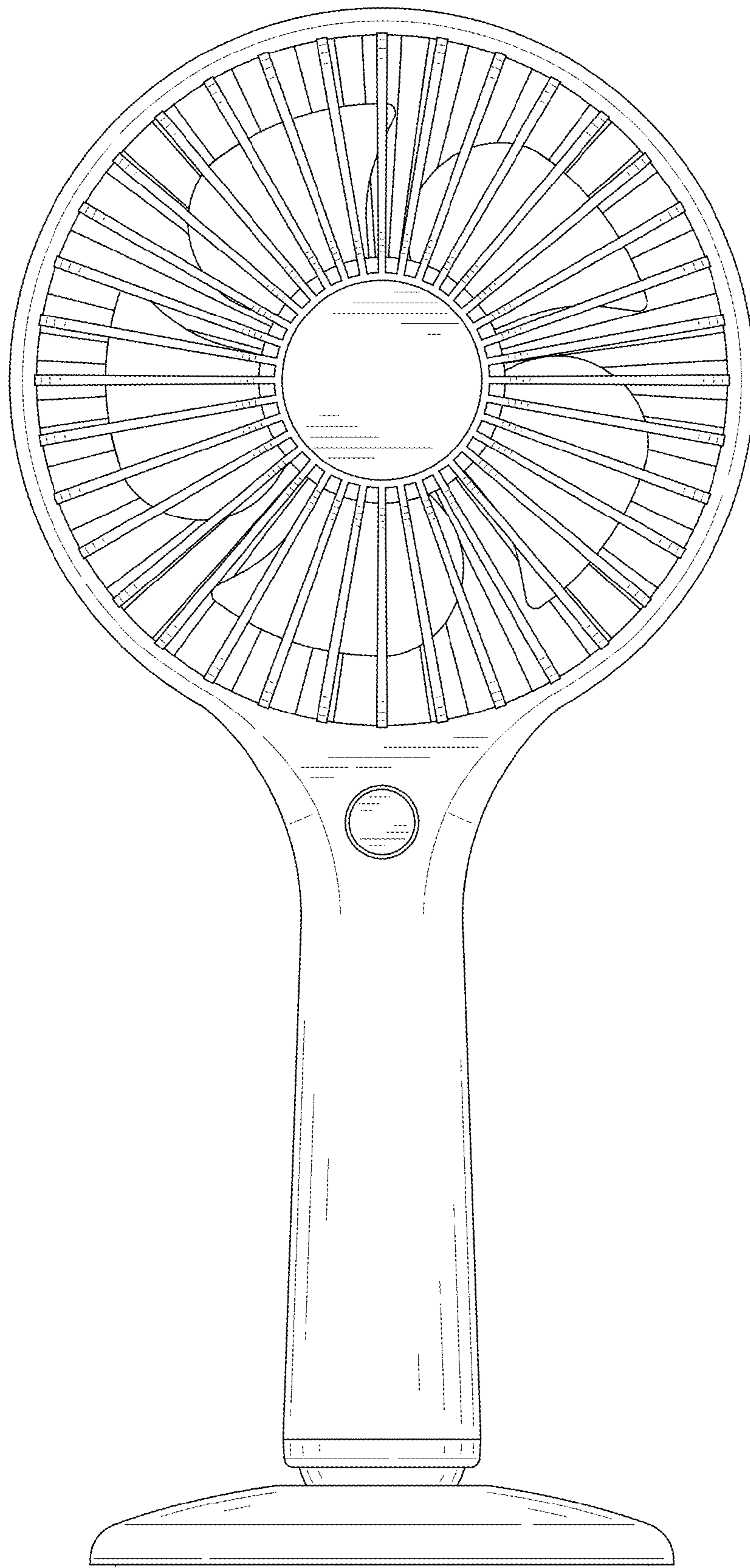


FIG. 3

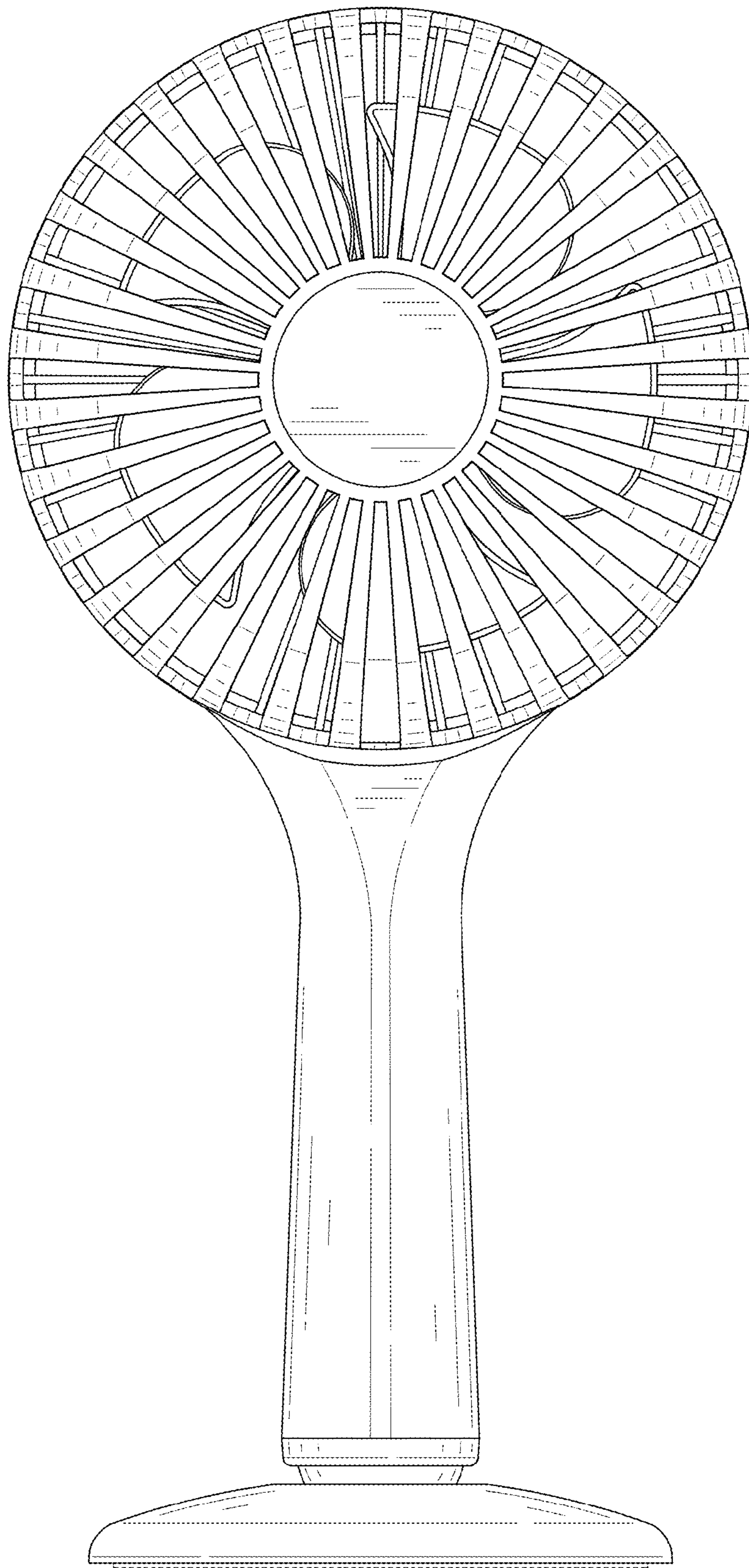


FIG. 4

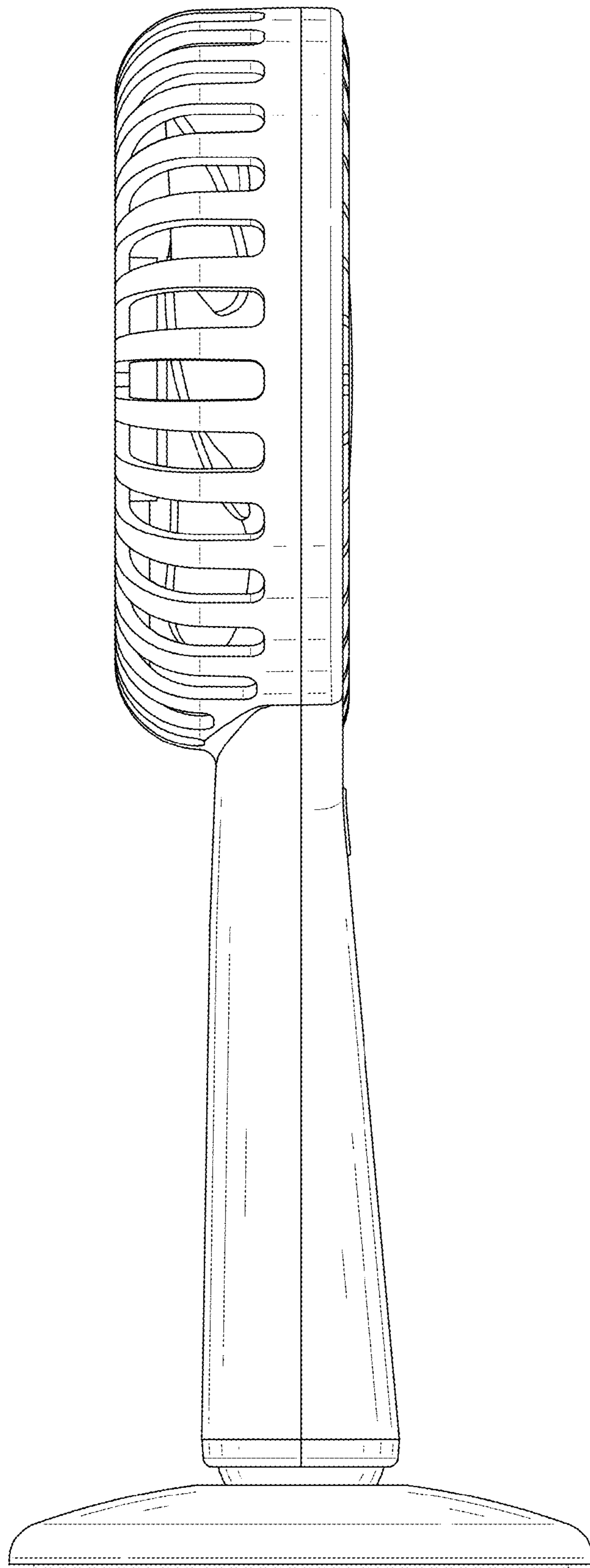


FIG. 5

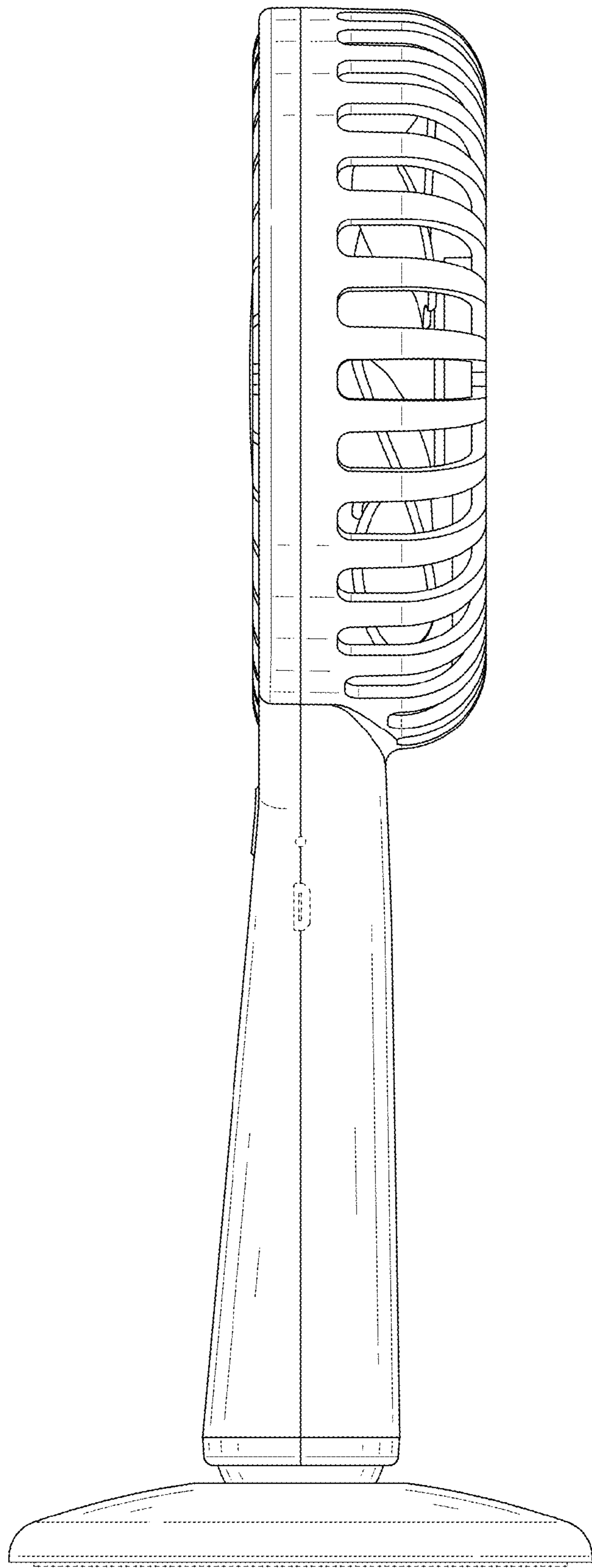


FIG. 6

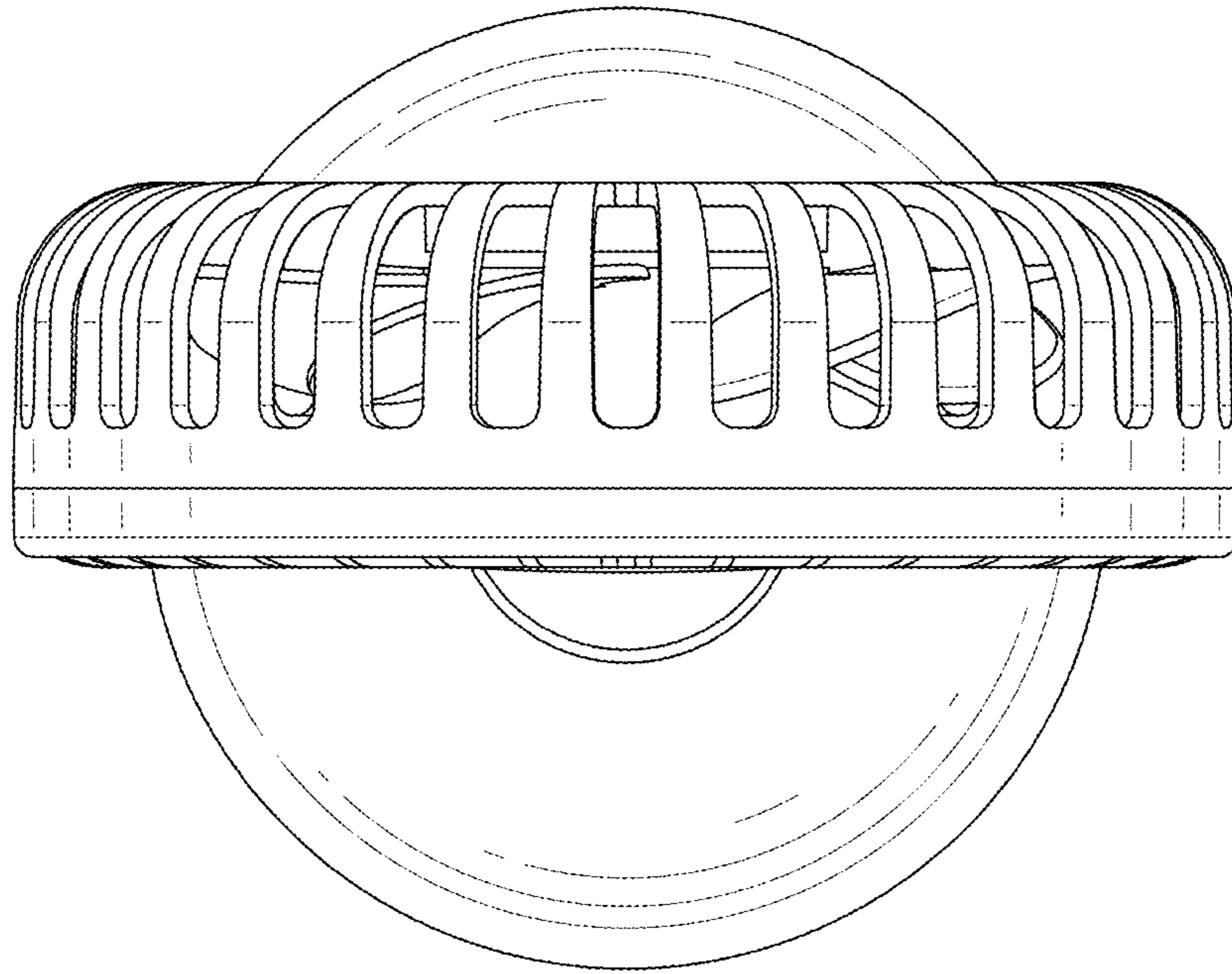


FIG. 7



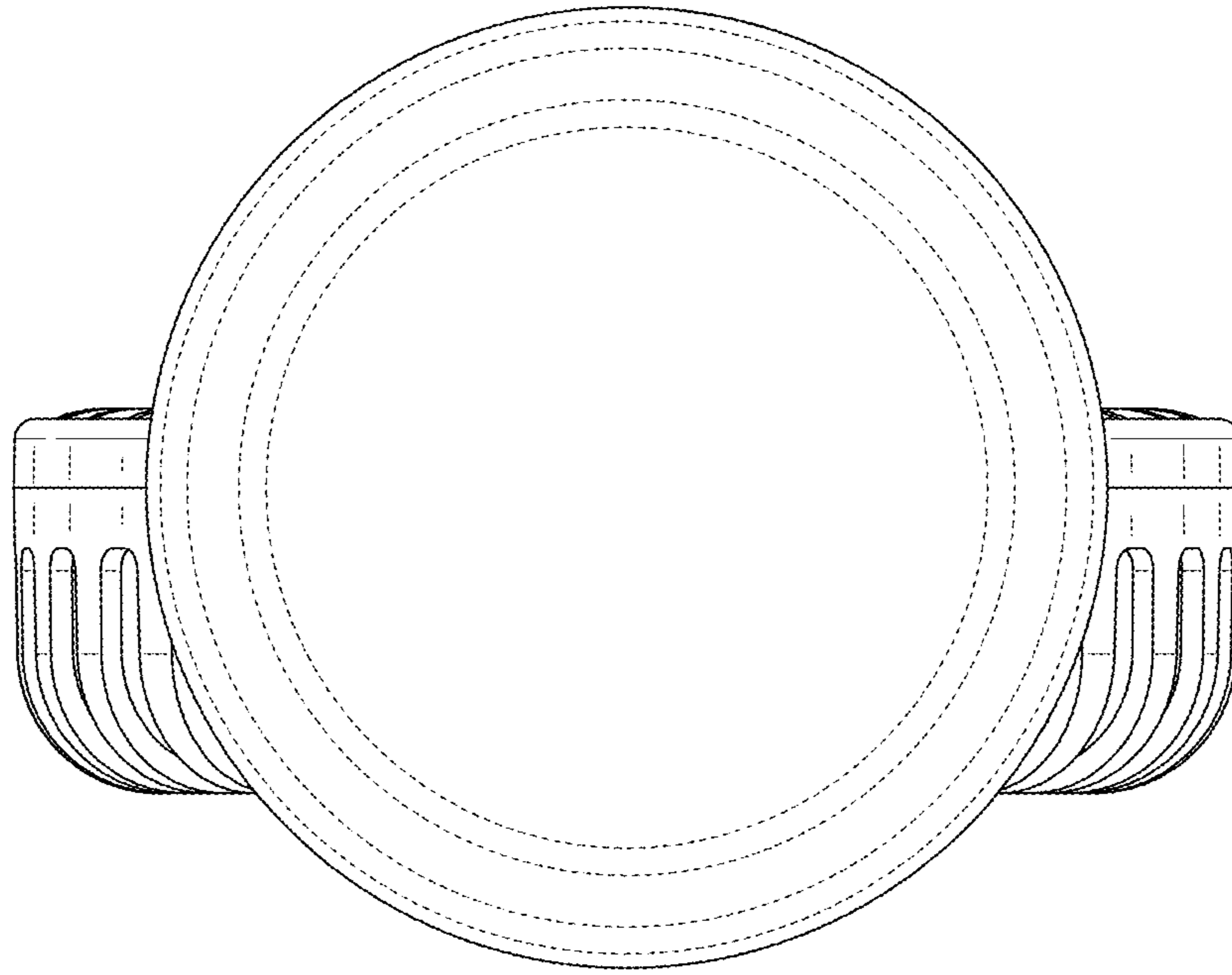


FIG. 8