

(12) **United States Design Patent** (10) **Patent No.:** **US D1,089,611 S**  
**Zhu** (45) **Date of Patent:** **\*\* Aug. 19, 2025**

(54) **NECK FAN** D1,070,056 S \* 4/2025 Zhu ..... D23/370  
D1,070,057 S \* 4/2025 Zhu ..... D23/370  
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(Continued)

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

(21) Appl. No.: **29/999,166**

(22) Filed: **Apr. 16, 2025**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 18/421,213,  
filed on Jan. 24, 2024, now Pat. No. 12,281,656.

(51) **LOC (15) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/380**

(58) **Field of Classification Search**  
USPC ..... D23/332, 333, 370, 380, 381, 382,  
D23/411, 412, 413  
CPC ..... F05D 2220/36; F02K 3/06; F02C 7/045;  
F02C 7/24; F04D 25/084; F04D 25/088;  
F04D 25/0673; F04D 25/166; F04D  
29/38; F04D 29/384; F04D 29/386; F04D  
29/424; F21V 33/0096; H05K 7/20136;  
H05K 7/20172; H05K 7/2019; H05K  
7/202

See application file for complete search history.

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(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front, right and top perspective view of a neck  
fan, showing my new design.

FIG. 2 is a rear, right and bottom perspective view thereof.

FIG. 3 is a front elevation view thereof.

FIG. 4 is a rear elevation view thereof.

FIG. 5 is a left side elevation view thereof.

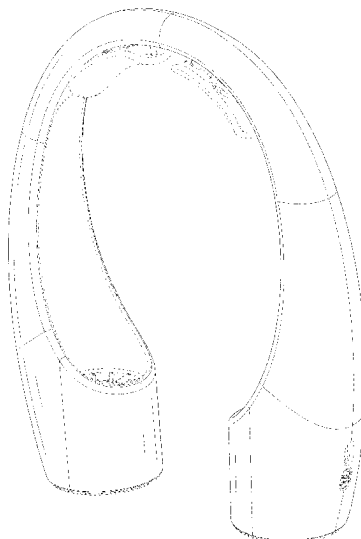
FIG. 6 is a right side elevation view thereof.

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

The dashed broken lines depict portions of the neck fan that  
form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



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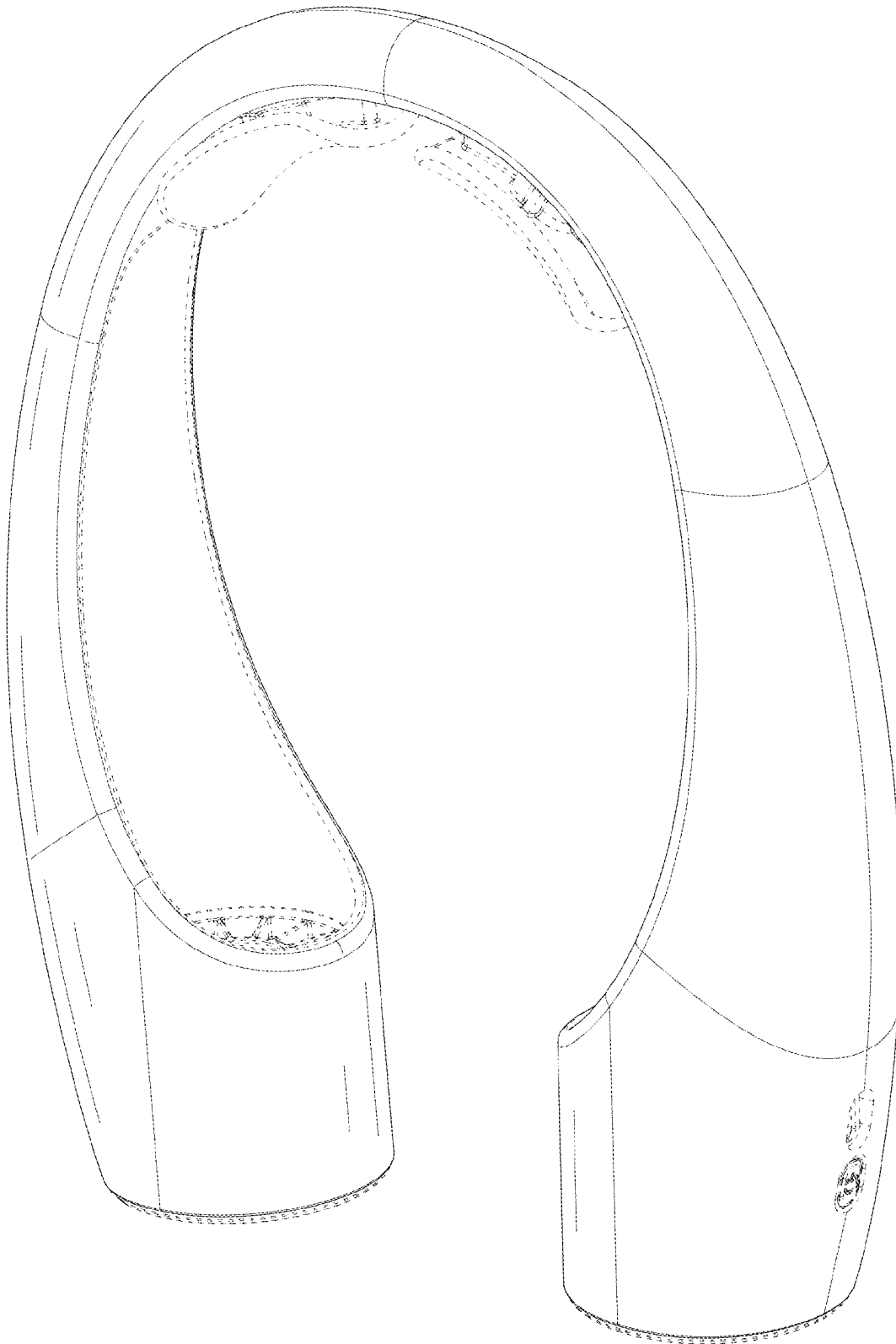


FIG.1

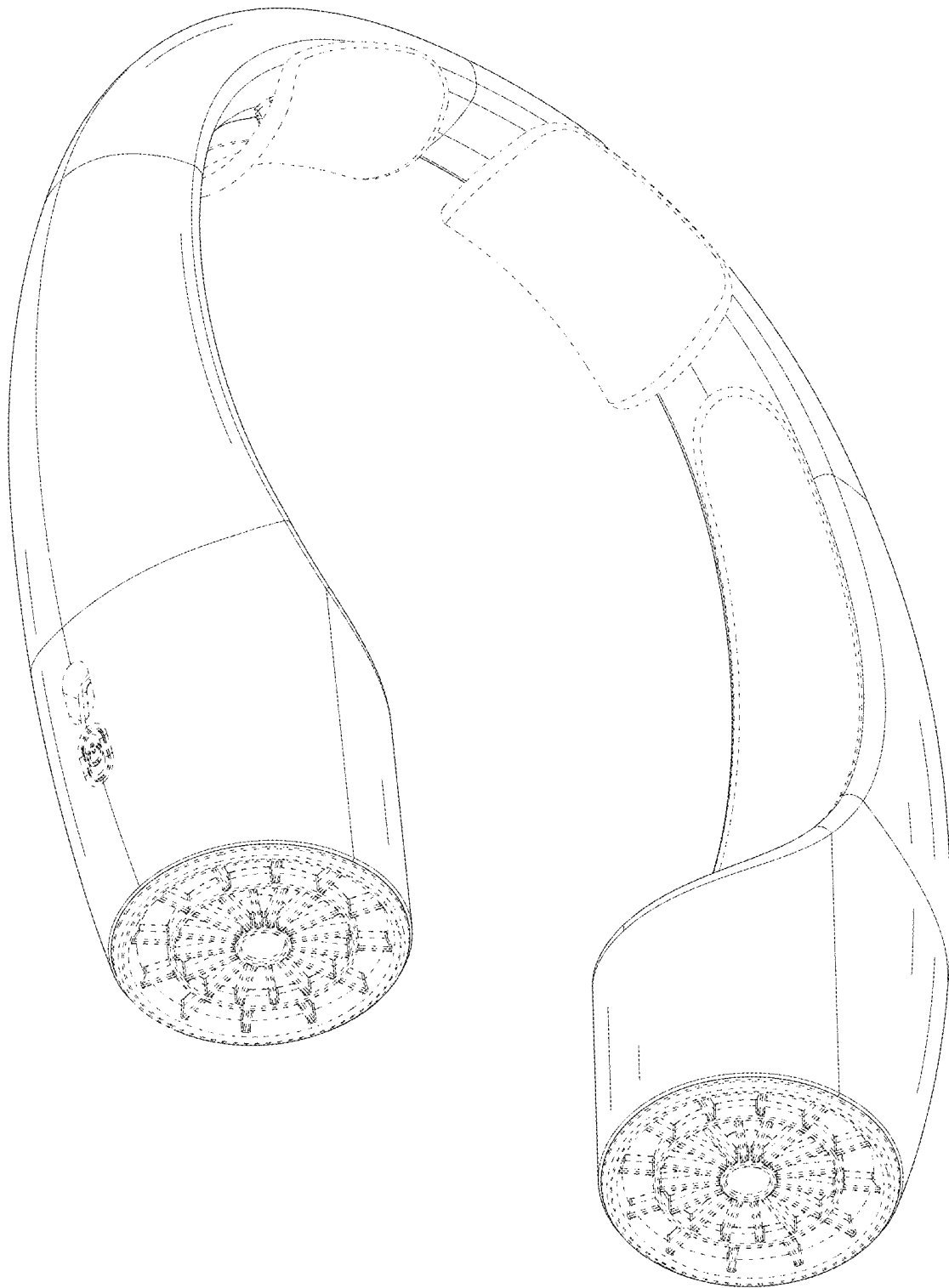


FIG.2

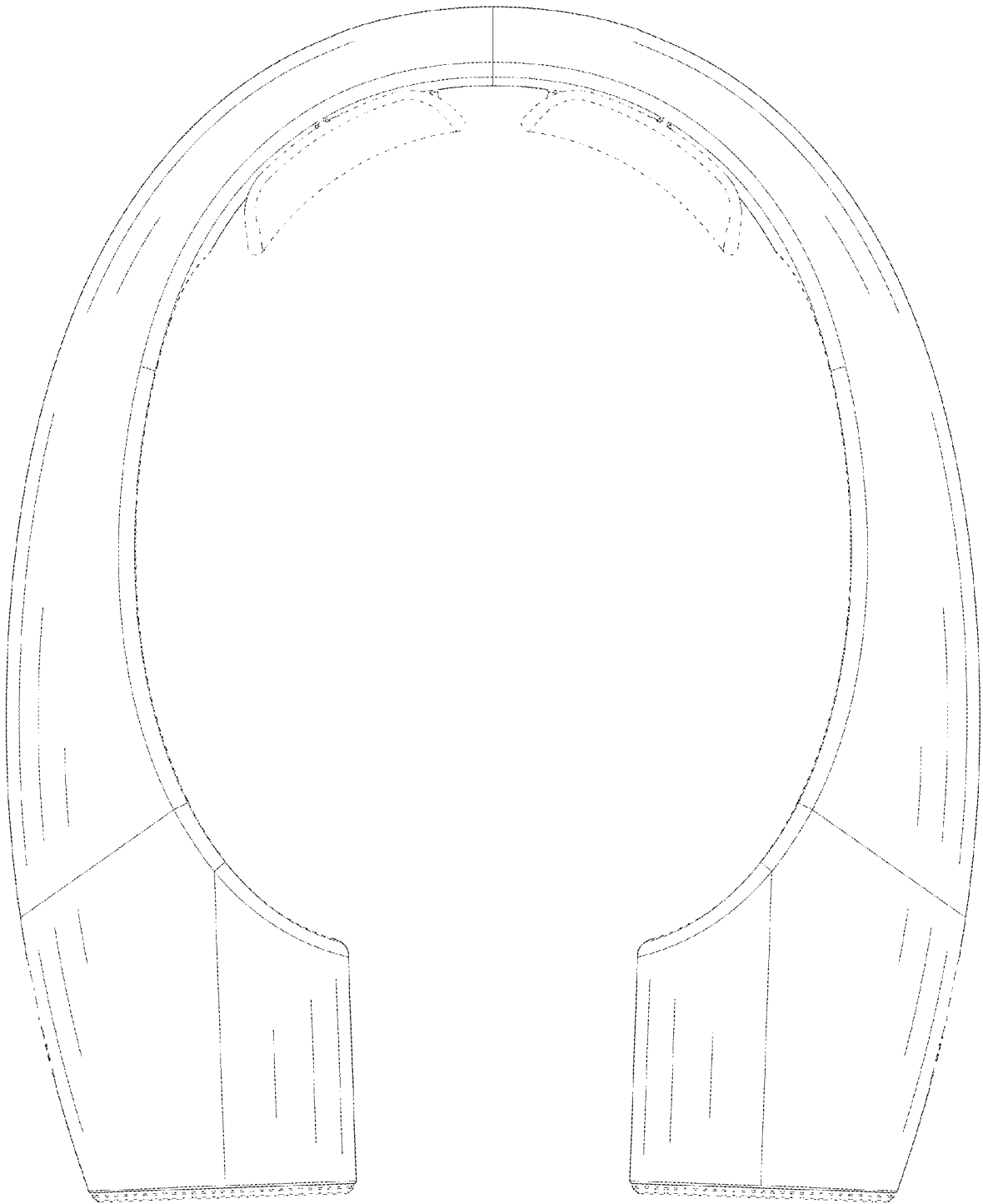


FIG.3

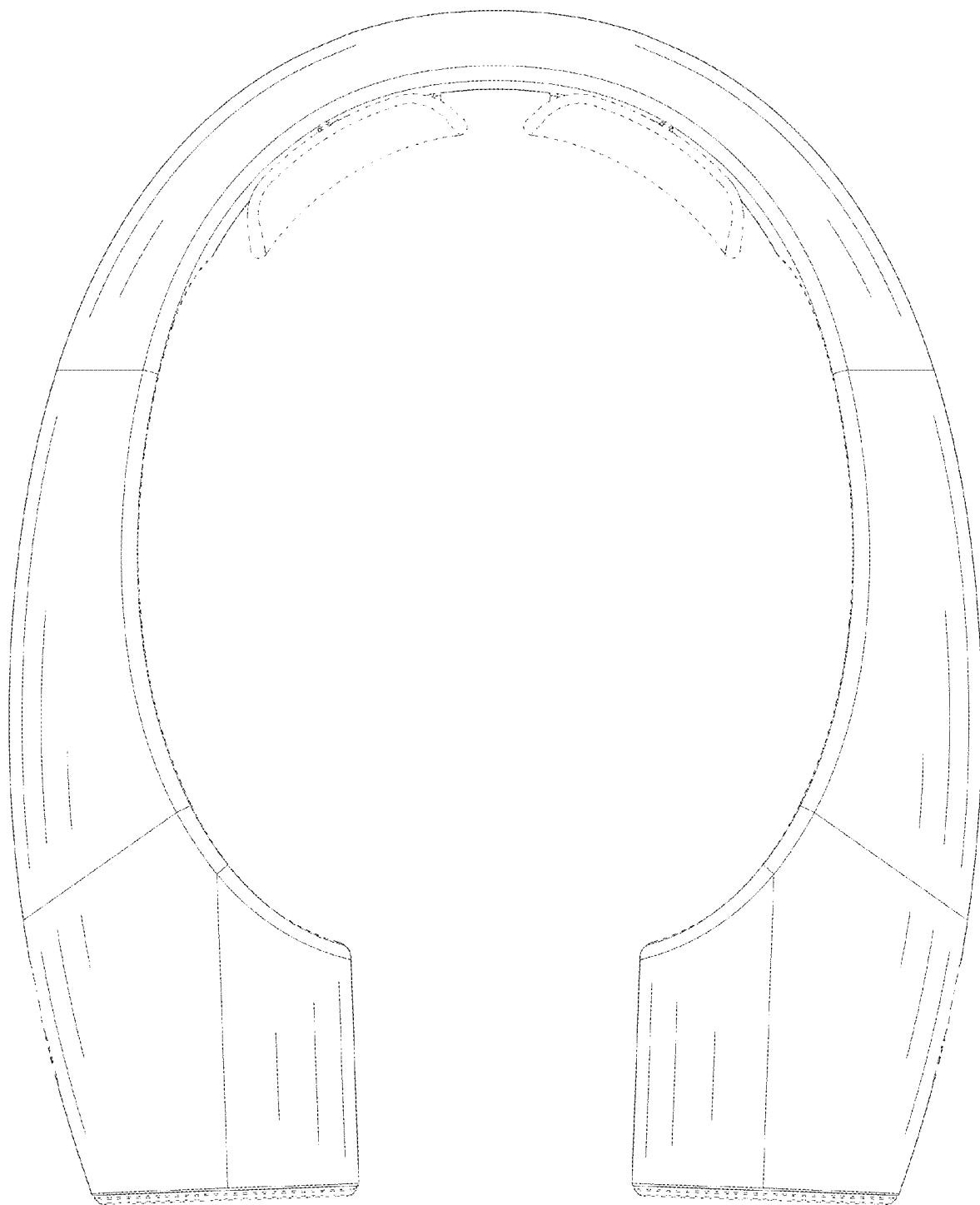


FIG. 4

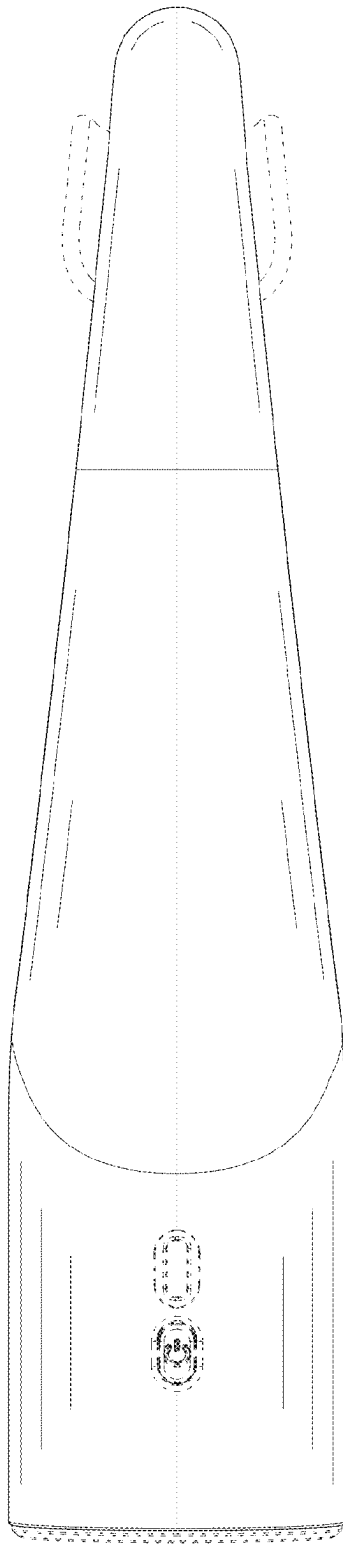


FIG.5

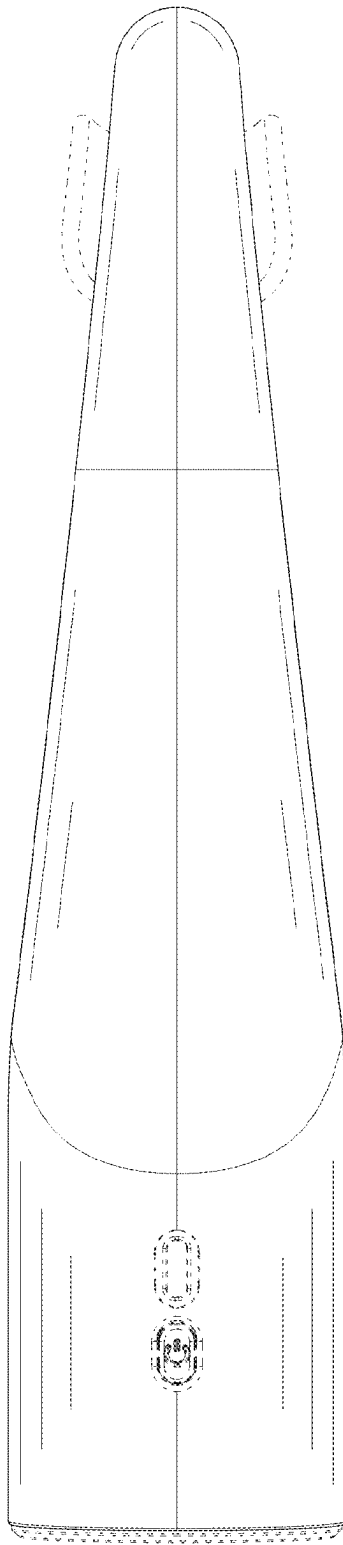


FIG. 6



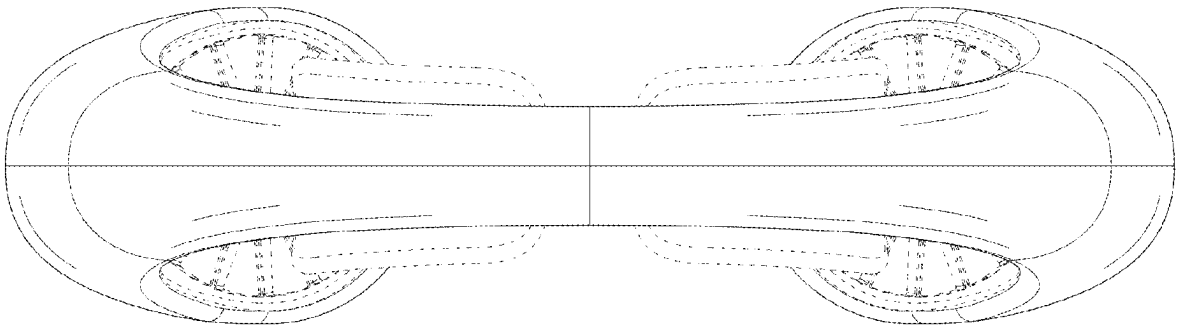


FIG. 7

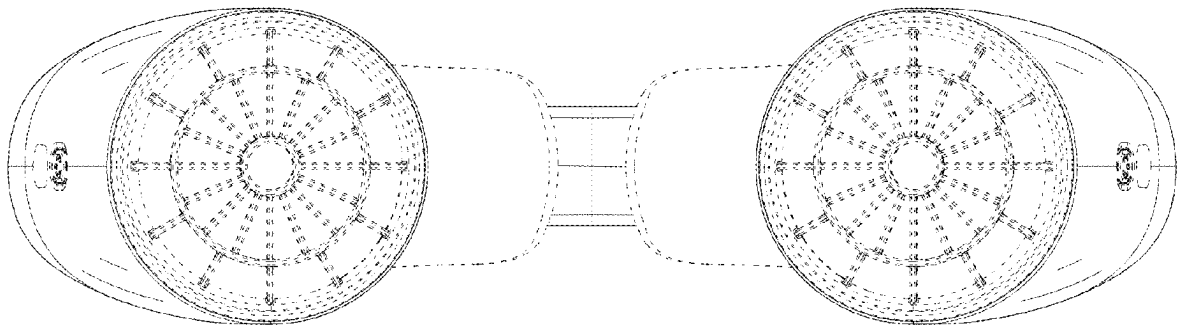


FIG. 8