



US00D927669S

(12) **United States Design Patent** (10) **Patent No.:** **US D927,669 S**  
**Jang et al.** (45) **Date of Patent:** **\*\* Aug. 10, 2021**

(54) **FAN WITH AIR PURIFICATION FUNCTION**

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

(21) Appl. No.: **29/713,881**

(22) Filed: **Nov. 19, 2019**

(30) **Foreign Application Priority Data**

May 20, 2019 (JP) ..... 2019-010881

(51) **LOC (13) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/364**

(58) **Field of Classification Search**  
USPC ..... D23/332-333, 352, 355-366, 369, 335,  
D23/336, 342, 351; D32/17-18, 21, 31  
CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D  
47/027; B01D 2221/02; B03C 3/155;  
B03C 3/368; F24F 3/16; F24F 13/20  
See application file for complete search history.

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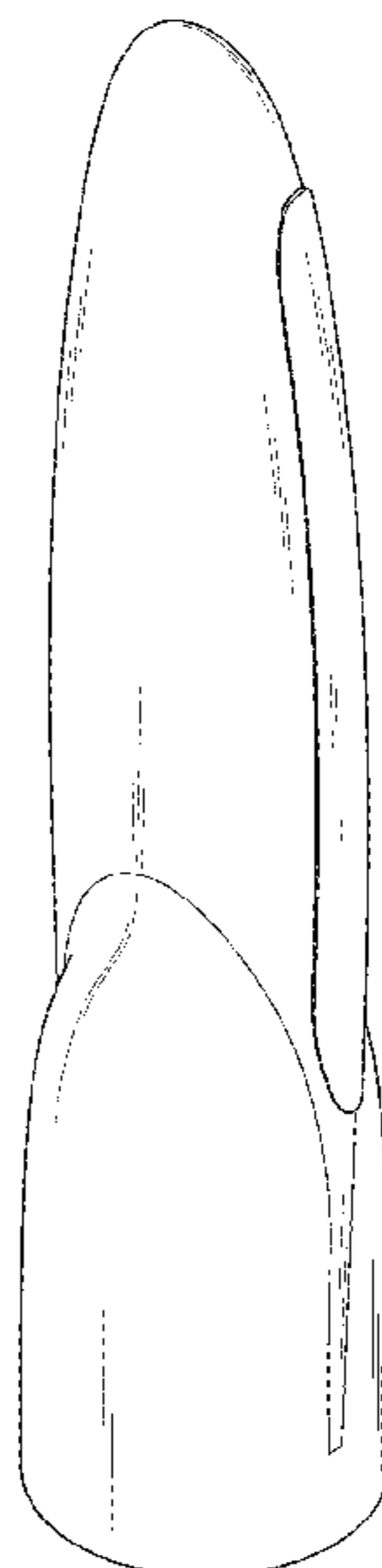
(57) **CLAIM**

We claim the ornamental design for a fan with air purification function, as shown and described.

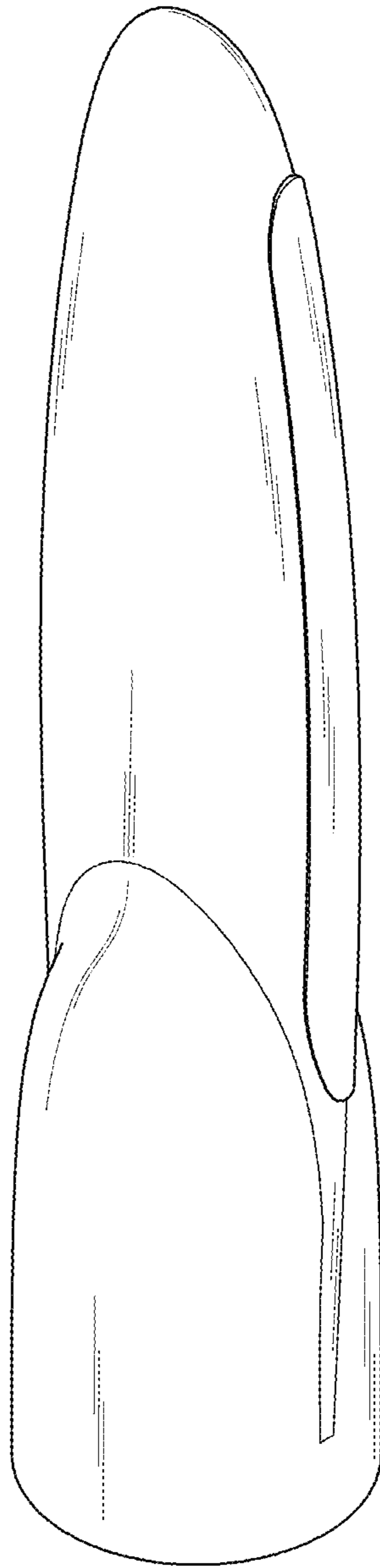
**DESCRIPTION**

FIG. 1 is a perspective view of a fan with air purification function showing the new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a rear elevation view thereof; FIG. 4 is a left-side elevation view thereof; FIG. 5 is a right-side elevation view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof.

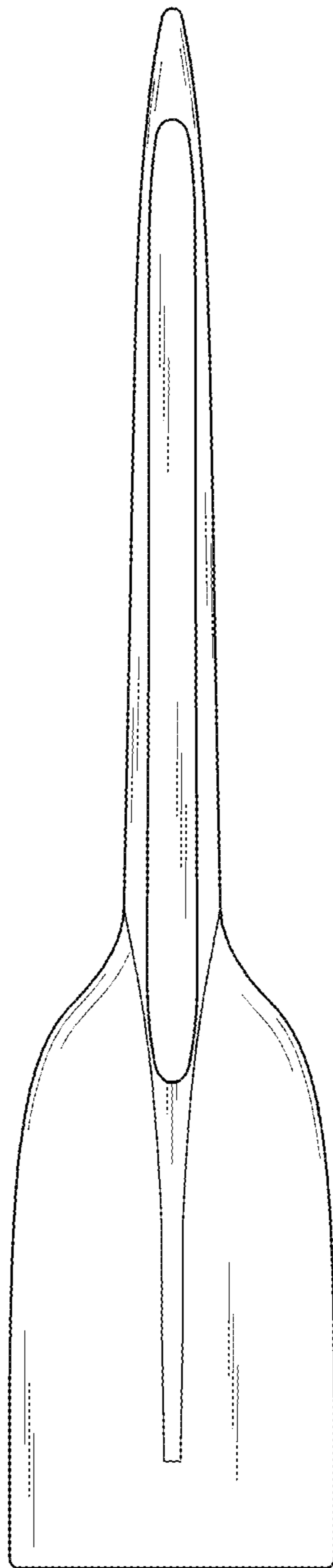
**1 Claim, 6 Drawing Sheets**



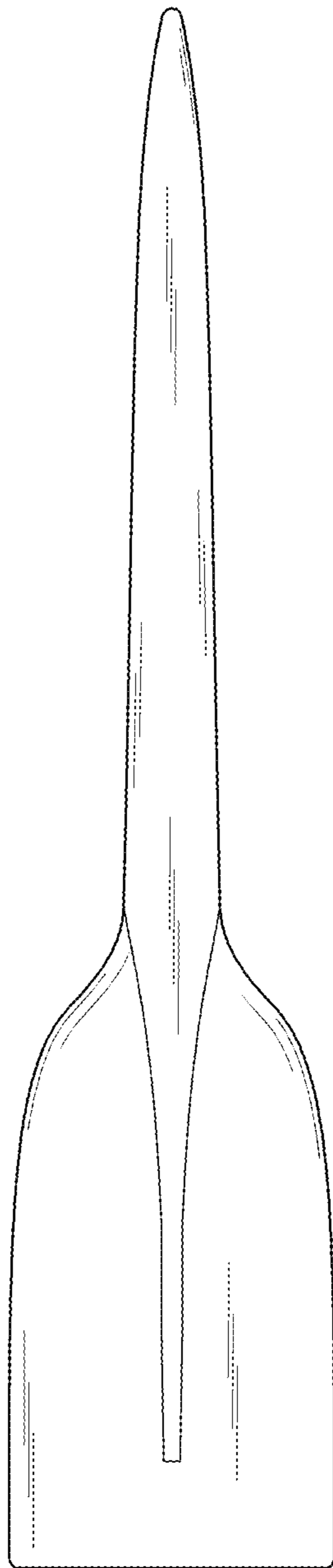
*FIG. 1*



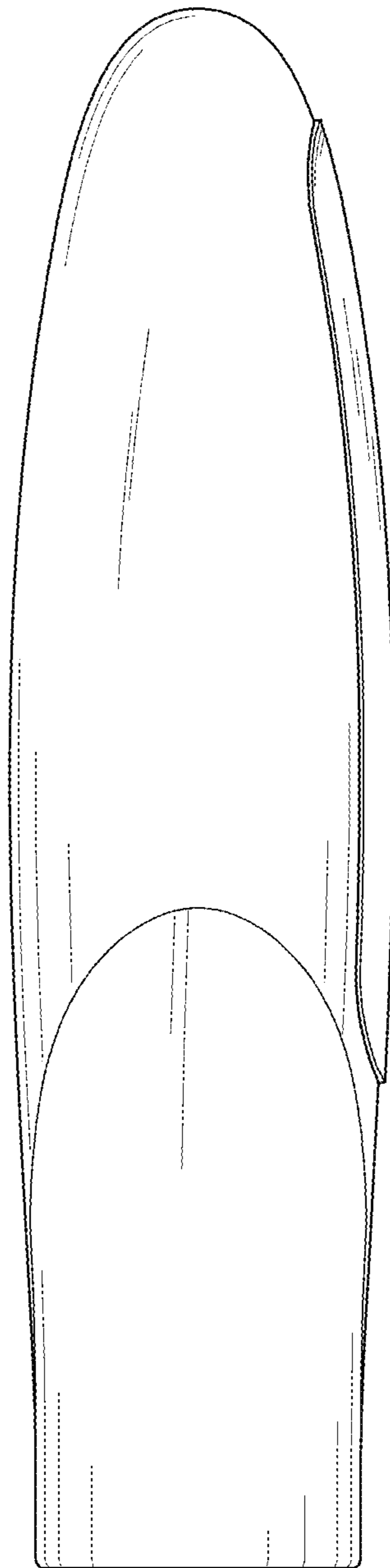
*FIG. 2*



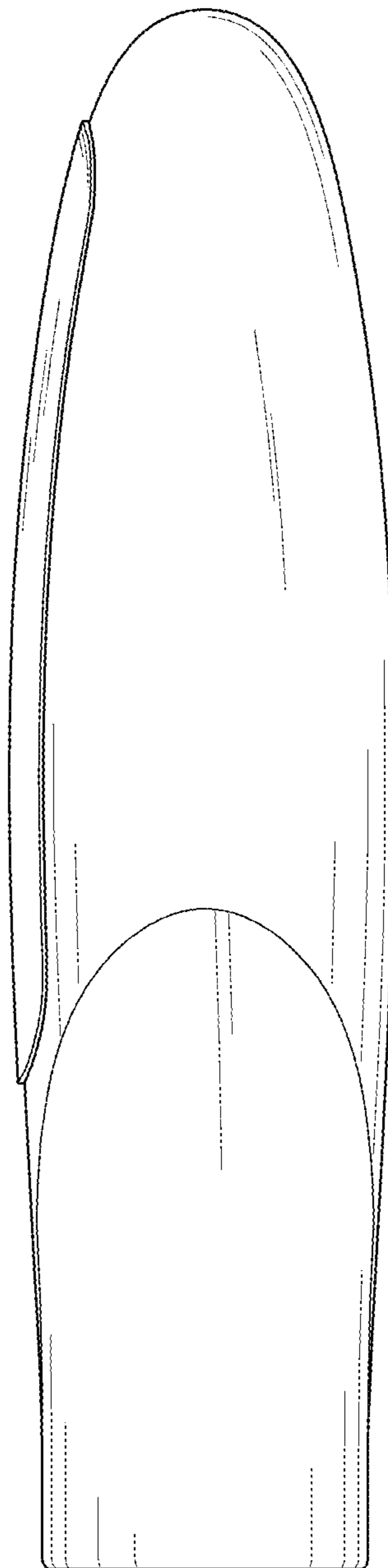
*FIG. 3*



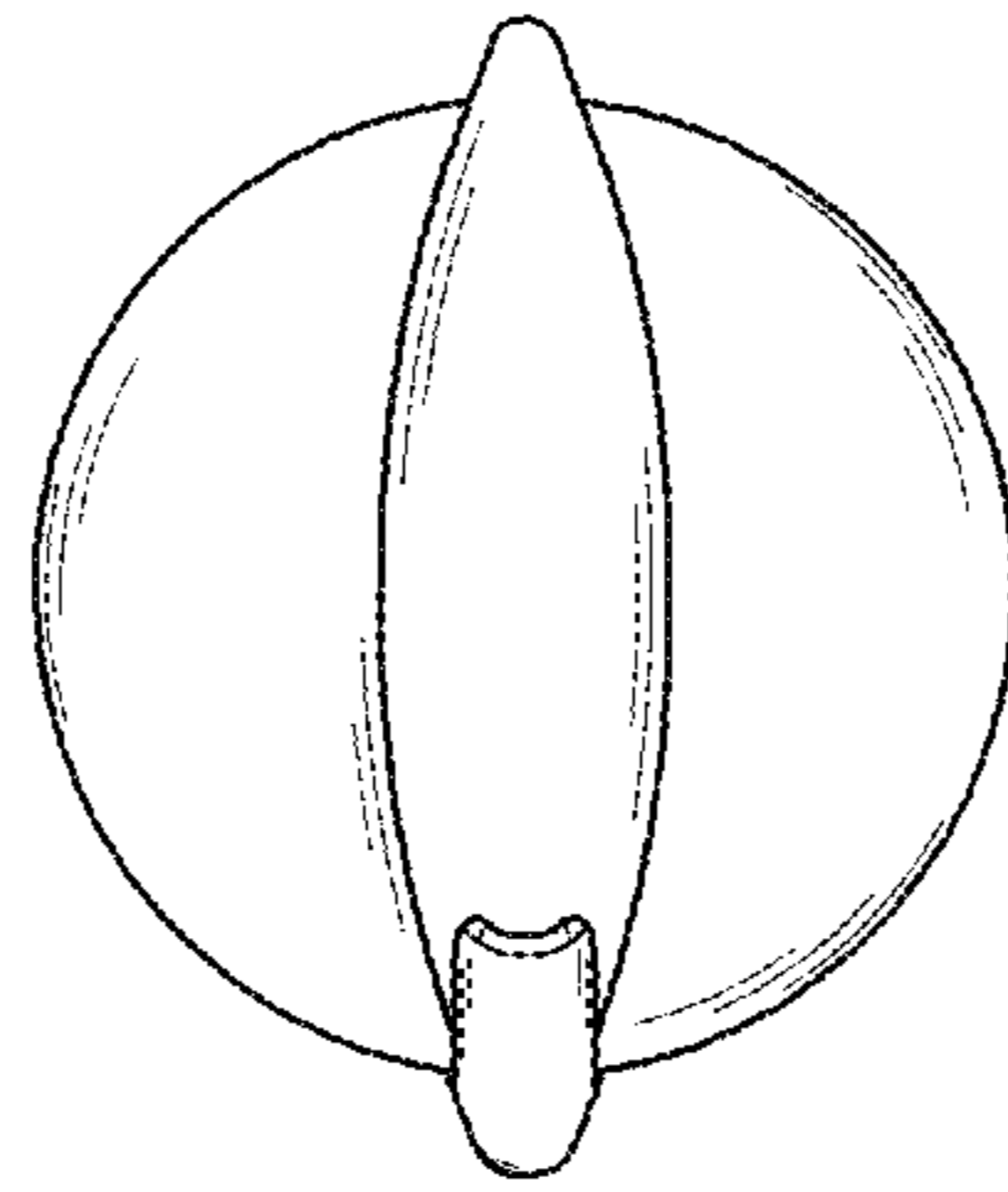
*FIG. 4*



*FIG. 5*



*FIG. 6*



*FIG. 7*

