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

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(45) **Date of Patent:** **\*\* \*Jan. 30, 2018**

(54) **HEAD FOR VACUUM CLEANER**

7/0019; A47L 7/0004; A47L 11/34; A47L  
11/29; A47L 11/30; E04H 4/1654

See application file for complete search history.

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(\*) Notice: This patent is subject to a terminal disclaimer.

(57) **CLAIM**

We claim the ornamental design for a head for a vacuum cleaner, as shown and described.

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

**DESCRIPTION**

(21) Appl. No.: **29/547,990**

FIG. 1 is a front perspective view of a head for a vacuum cleaner showing our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left-side view thereof;  
FIG. 5 is a right-side view thereof;  
FIG. 6 is a top view thereof;  
FIG. 7 is a bottom view thereof;  
FIG. 8 is a rear perspective view thereof;  
FIG. 9 is a perspective view thereof showing the unclaimed bristles attached to the vacuum cleaner head;  
FIG. 10 is a perspective view thereof showing the vacuum cleaner head in use; and,  
FIG. 11 is a perspective view thereof showing the vacuum cleaner head in an extended position from the body of the vacuum cleaner.

(22) Filed: **Dec. 9, 2015**

(30) **Foreign Application Priority Data**

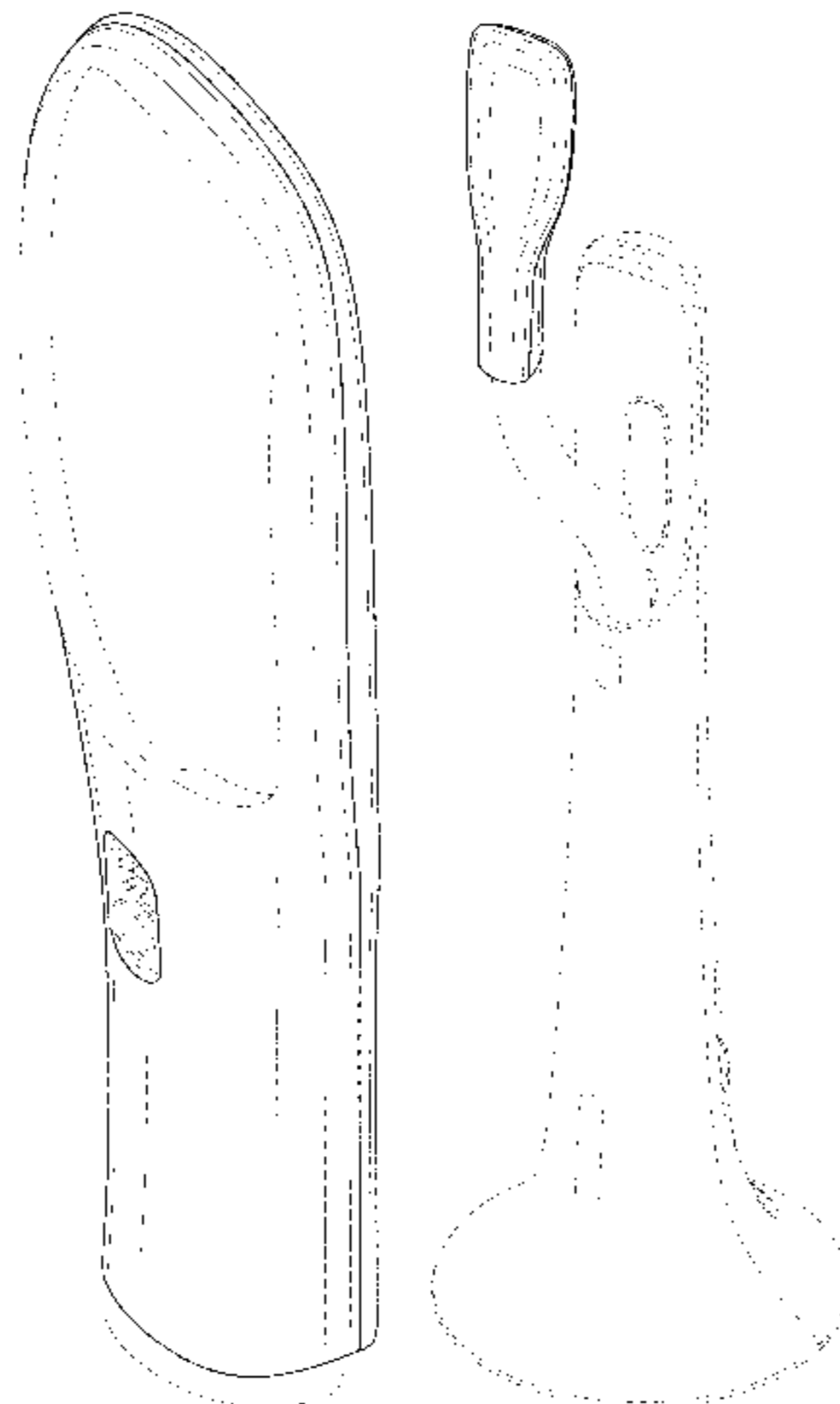
Jun. 10, 2015 (KR) ..... 30-2015-0029150

(51) **LOC (11) Cl.** ..... **15-05**

(52) **U.S. Cl.**  
USPC ..... **D32/31**

(58) **Field of Classification Search**  
USPC ..... D32/18, 21-23, 31-34  
CPC ..... G06N 3/008; A47L 9/2857; A47L 9/2842;  
A47L 9/2852; A47L 9/00; A47L 9/325;  
A47L 5/36-5/367; A47L 5/24; A47L

(Continued)



The details shown in broken lines form no part of the claimed design. The dot-dash broken lines define boundaries of the claimed design and form no part thereof.

**1 Claim, 10 Drawing Sheets**

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FIG.1

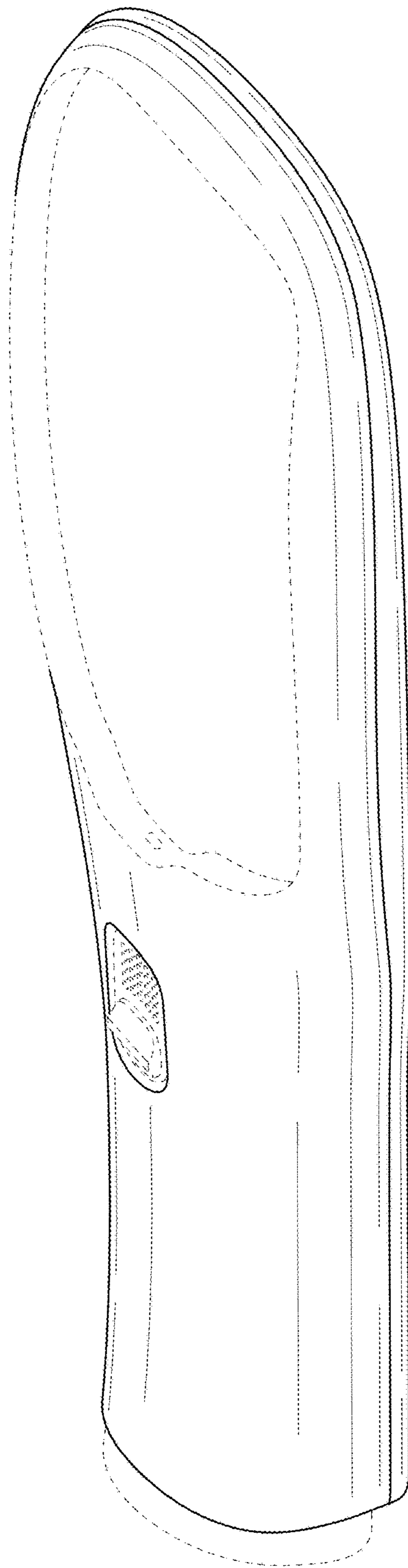


FIG.2

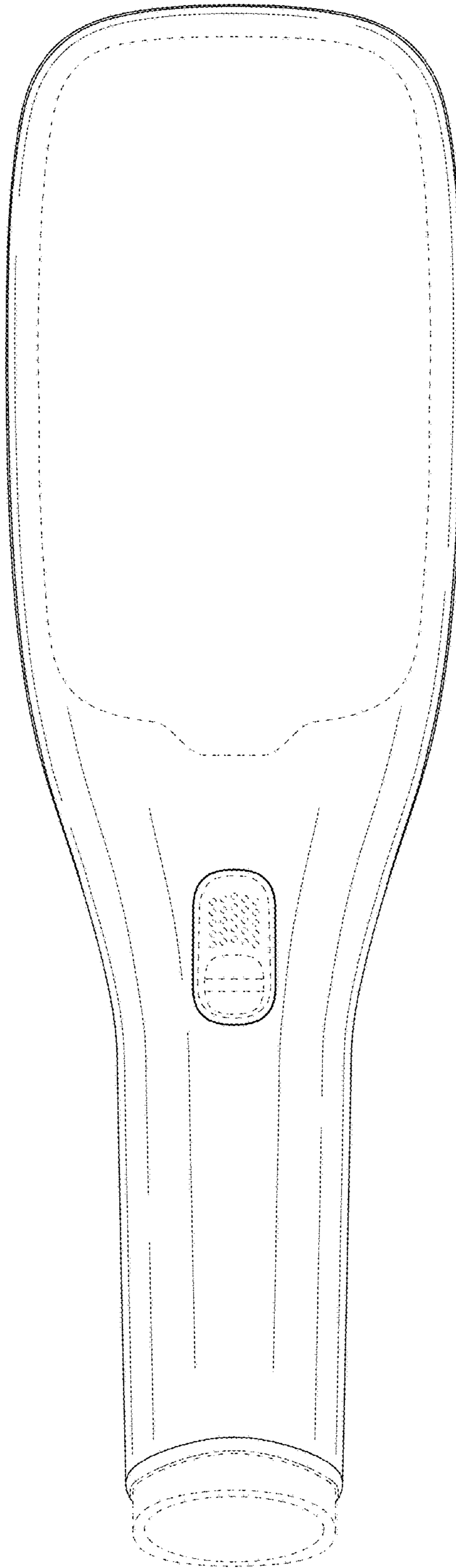


FIG.3

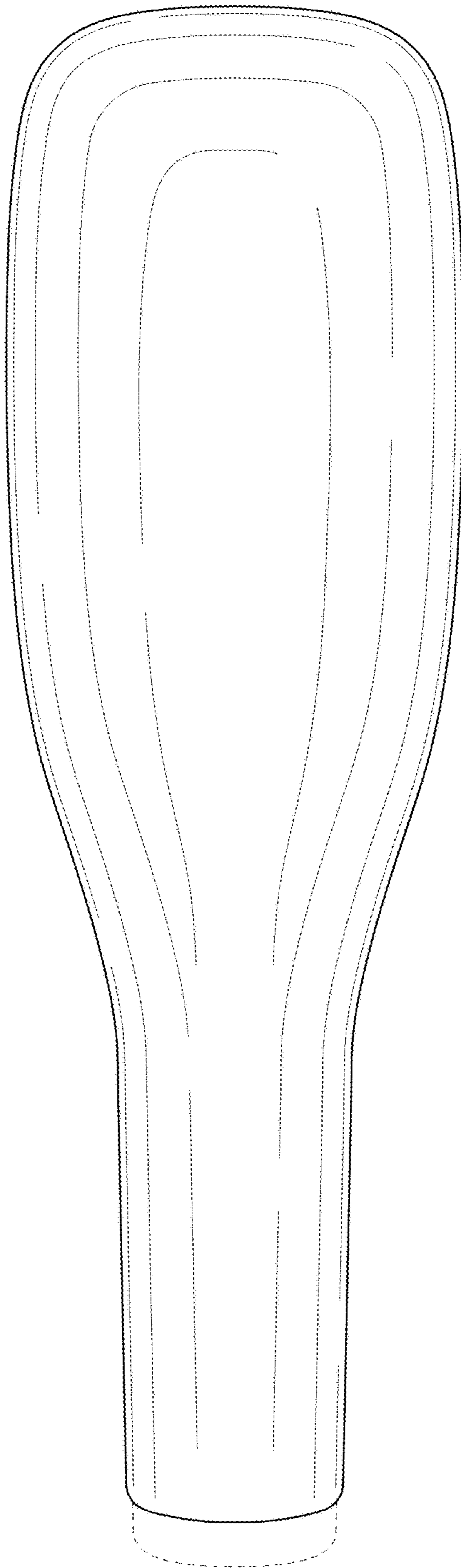


FIG.4

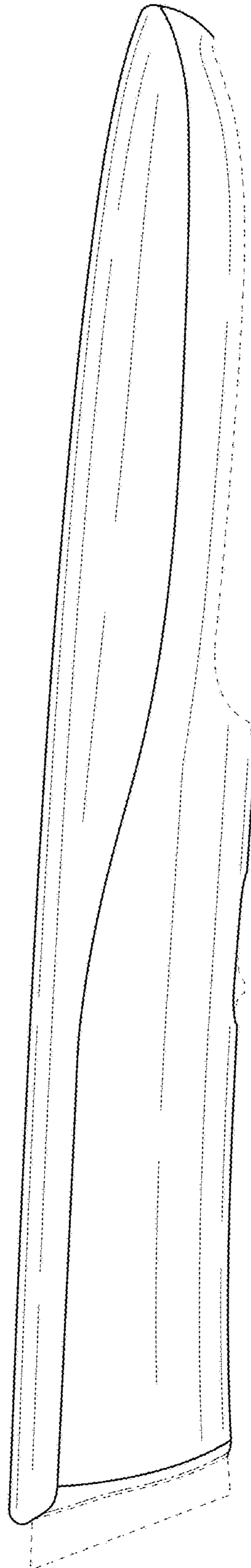


FIG.5

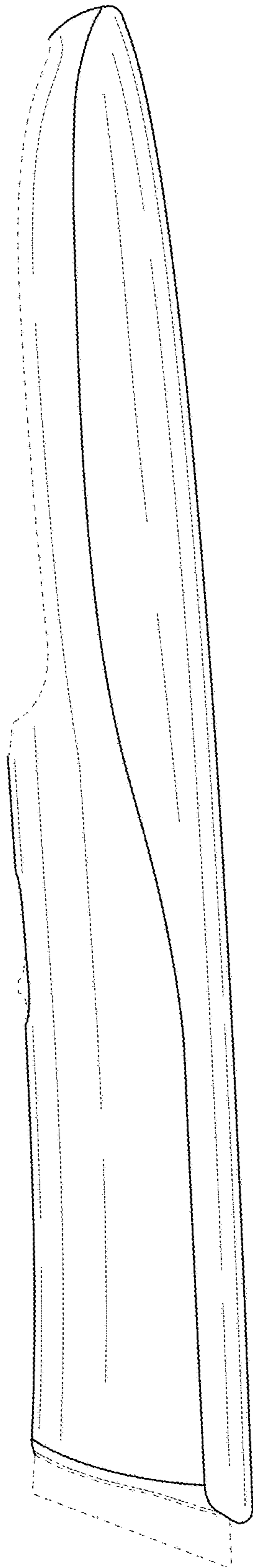


FIG.6

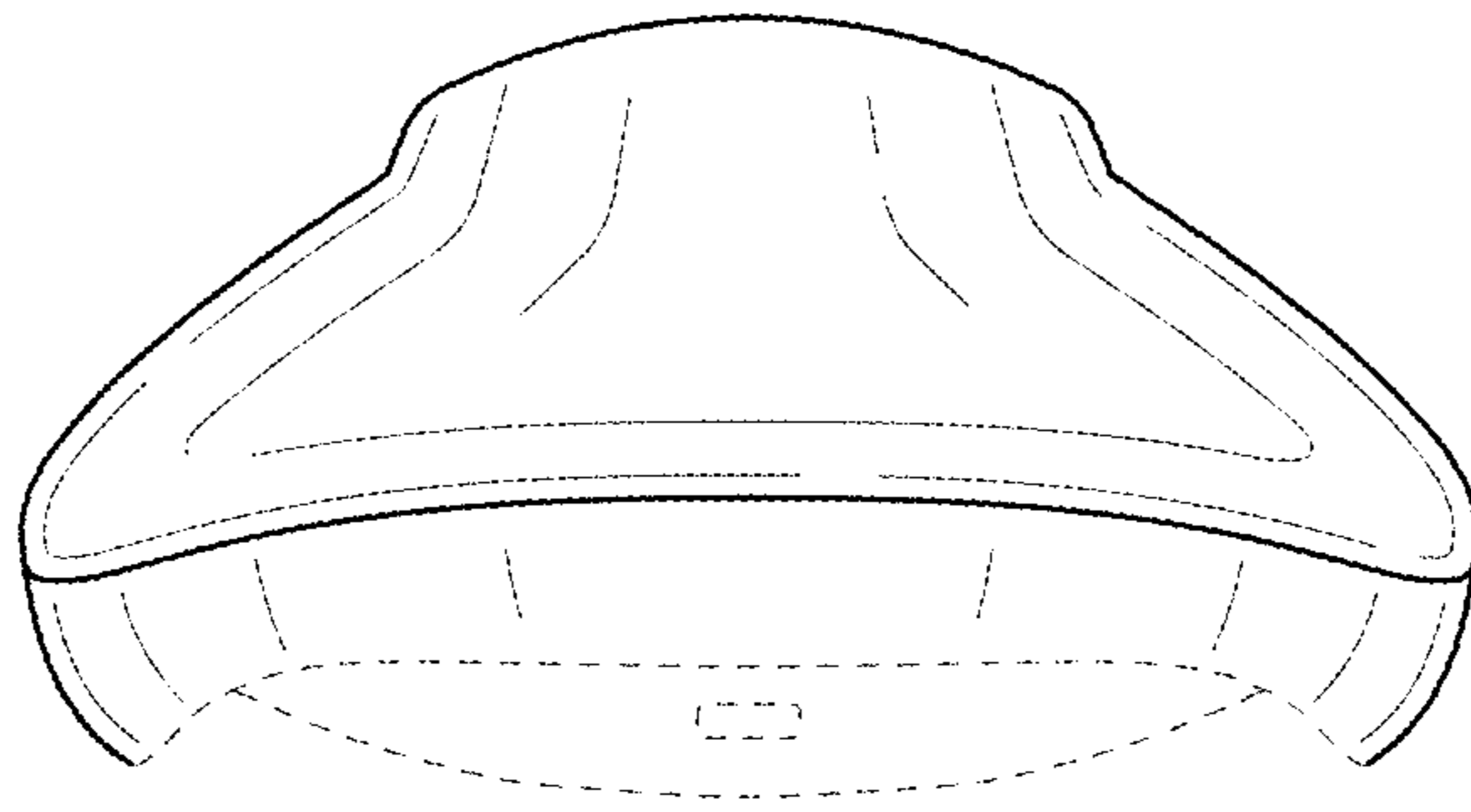


FIG.7

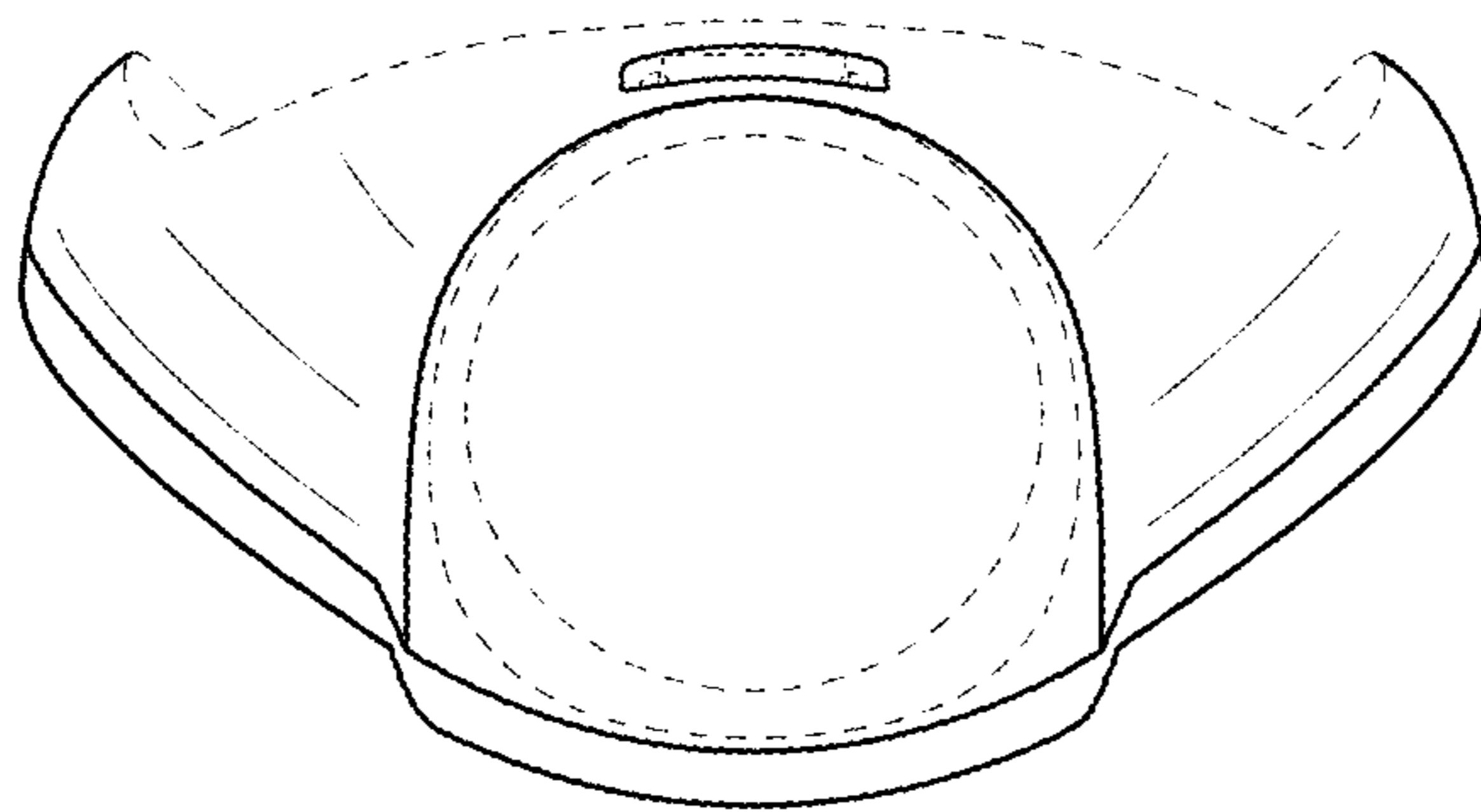




FIG.8

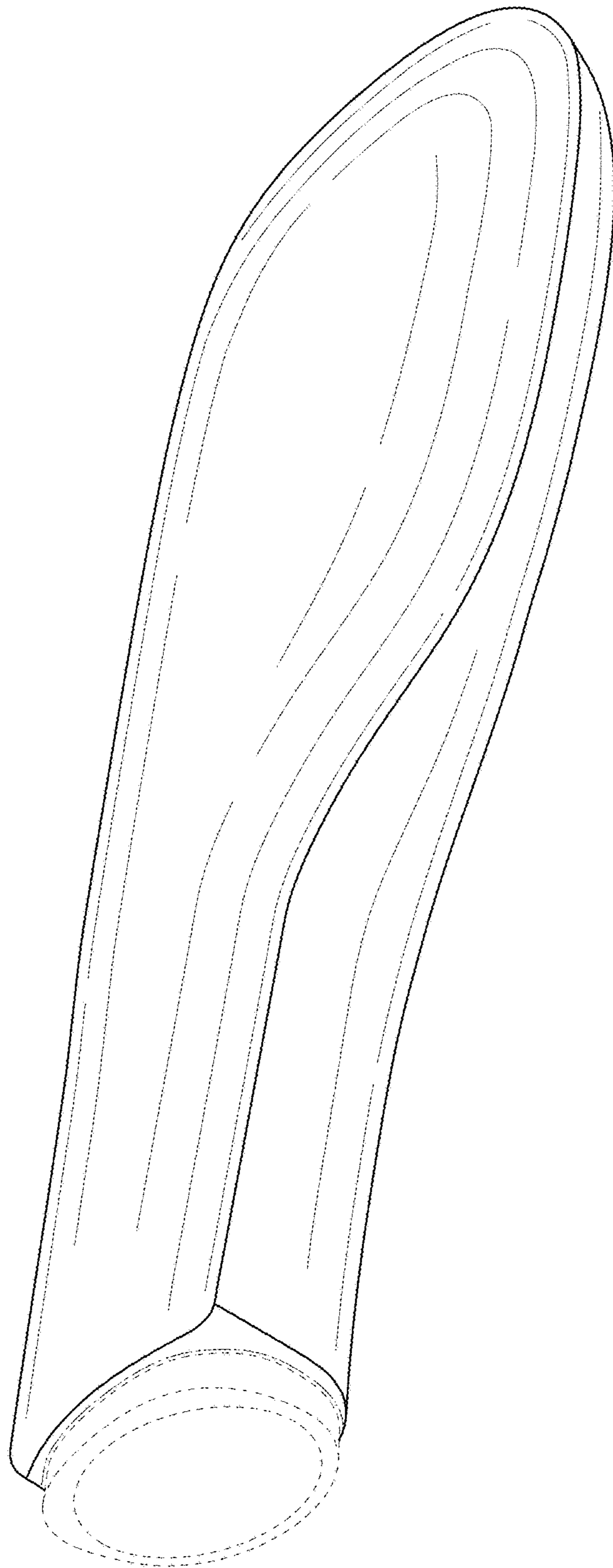


FIG.9

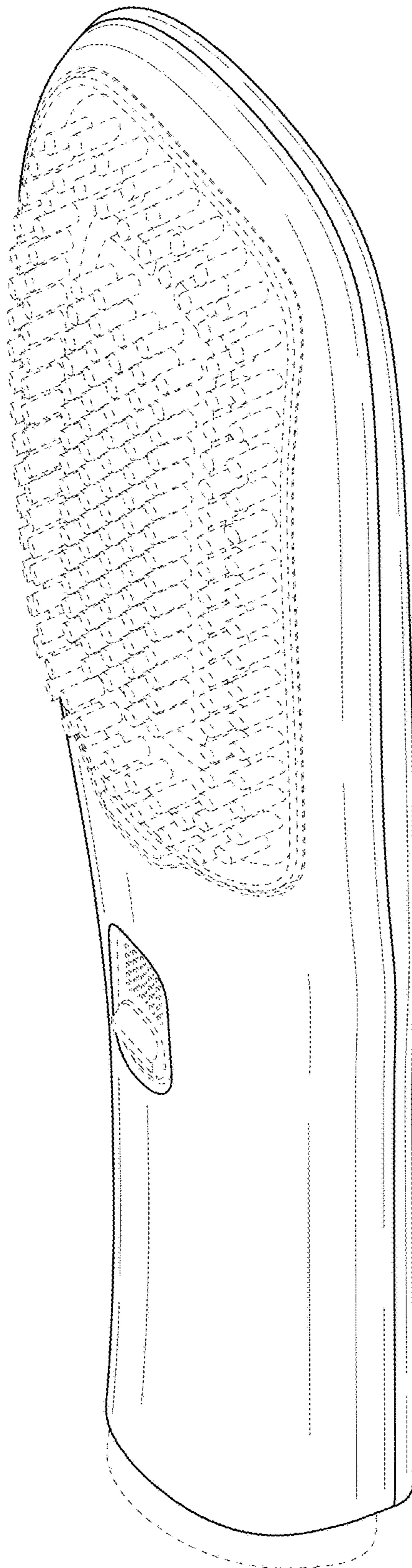


FIG.10

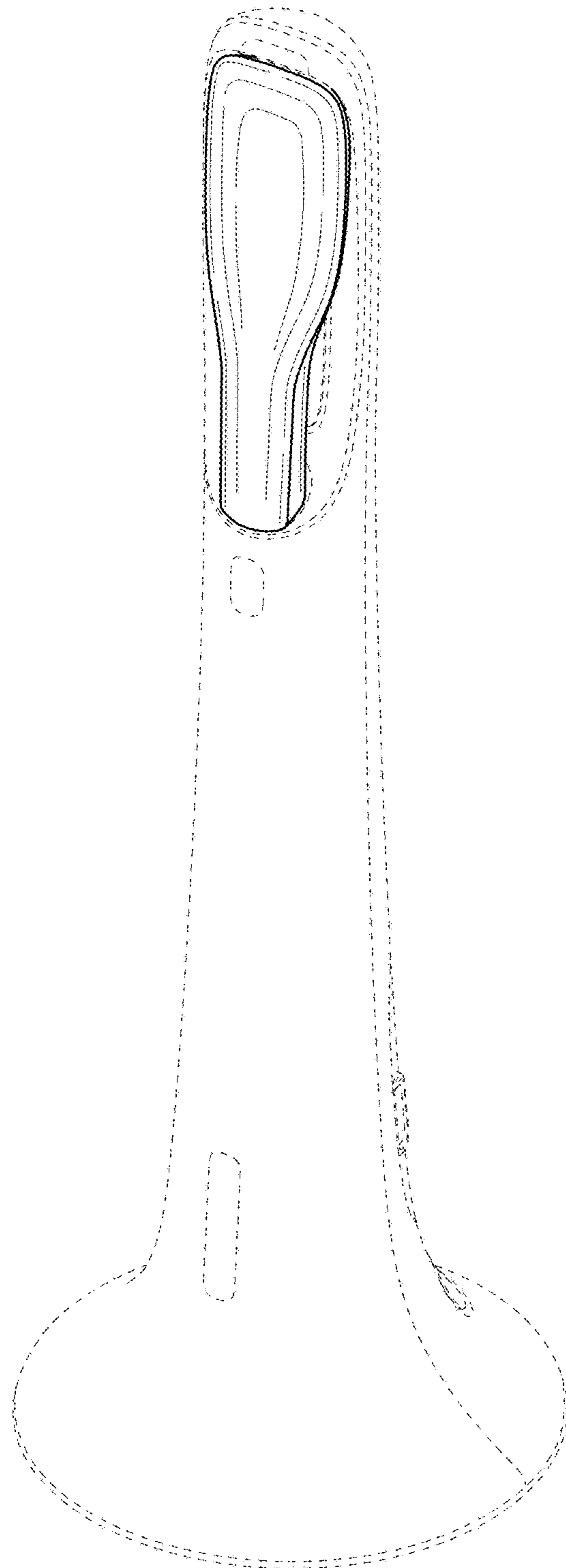


FIG.11

