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

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(45) **Date of Patent:** **\*\* Mar. 15, 2022**

(54) **HAIR CURLER**

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(73) Assignee: **SHENZHEN FENDA TECHNOLOGY CO., LTD.**, Shenzhen (CN)

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

(21) Appl. No.: **29/728,549**

(22) Filed: **Mar. 19, 2020**

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(51) **LOC (13) Cl.** ..... **28-03**

(52) **U.S. Cl.**  
USPC ..... **D28/35; D28/18**

(58) **Field of Classification Search**  
USPC .... D28/35, 37, 38, 99, 10-16, 18; D24/133, D24/146-147, 214  
CPC ..... A45D 29/00; A45D 29/02; A45D 29/04; A45D 29/05; A45D 29/11; A45D 29/14; A45D 6/00; A45D 6/02; A45D 6/04; A45D 6/045; A45D 6/06; A45D 6/08; A45D 6/10; A45D 2/00; A45D 2/001; A45D 2/006; A45D 2/02; A45D 2/10; A45D 1/00; A45D

(Continued)

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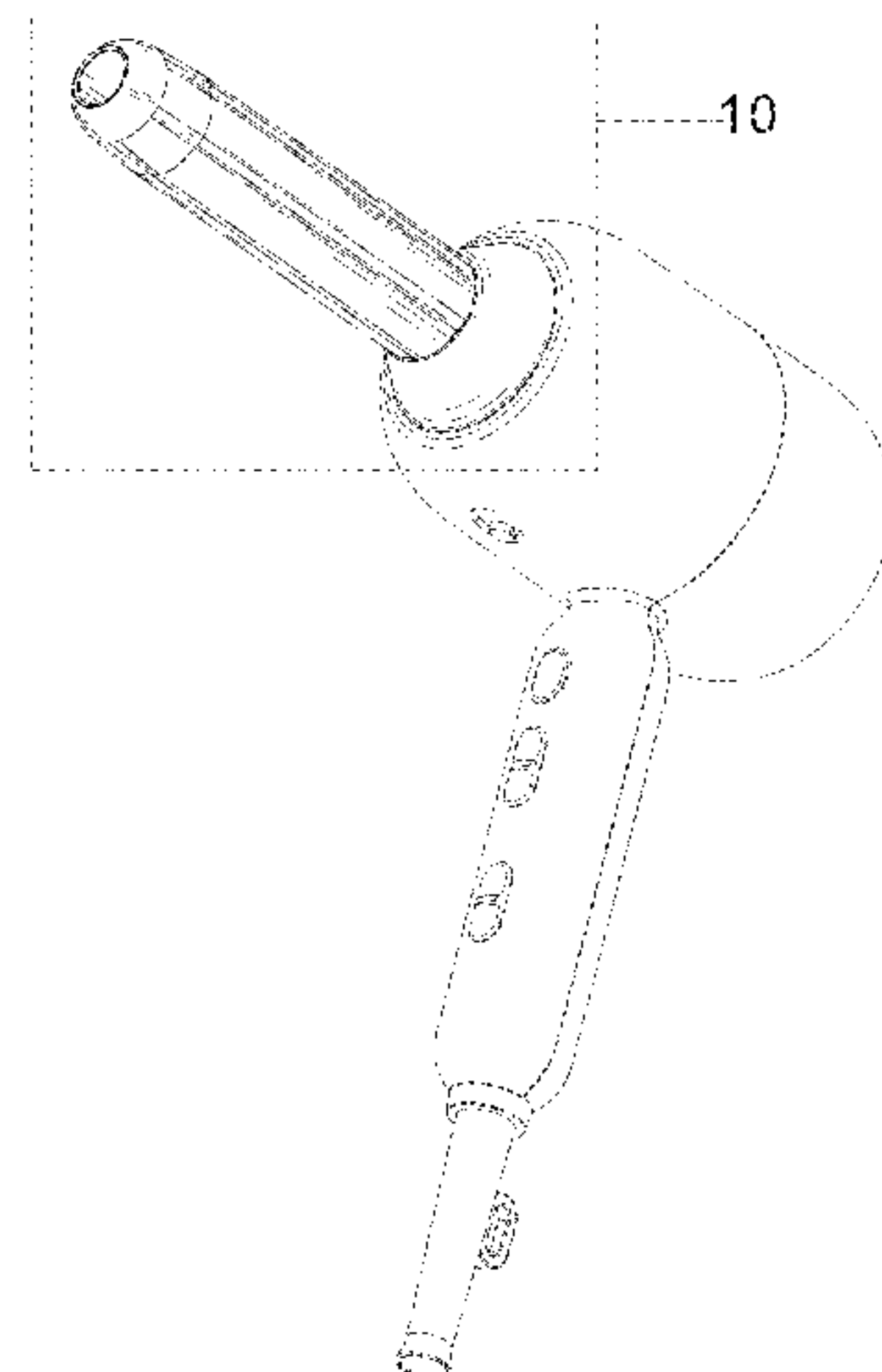
(57) **CLAIM**

The ornamental design for a hair curler, as shown and described.

**DESCRIPTION**

FIG. 1 is a front left perspective view of a hair curler showing our new design.  
FIG. 2 is a rear left perspective view thereof.  
FIG. 3 is a front right perspective view thereof.  
FIG. 4 is a left side view thereof.  
FIG. 5 is a right side view thereof.  
FIG. 6 is a front view thereof.  
FIG. 7 is a rear view thereof.  
FIG. 8 is a top side view thereof.  
FIG. 9 is a bottom side view thereof.  
FIG. 10 is an enlarged view thereof, taken from portion "10" shown in FIG. 1.  
FIG. 11 is an enlarged view thereof, taken from portion "11" shown in FIG. 3.  
FIG. 12 is an enlarged view thereof, taken from portion "12" shown in FIG. 4.  
FIG. 13 is an enlarged view thereof, taken from portion "13" shown in FIG. 5.  
FIG. 14 is an enlarged view thereof, taken from portion "14" shown in FIG. 6.  
FIG. 15 is an enlarged view thereof, taken from portion "15" shown in FIG. 8; and,  
FIG. 16 is an enlarged view thereof, taken from portion "16" shown in FIG. 9.  
In the drawings, the evenly-spaced broken lines illustrate portions of the hair curler which form no part of the claimed design. The dash-dot broken lines illustrate enlarged view indicators and form no part of the claimed design.

**1 Claim, 12 Drawing Sheets**



(58) **Field of Classification Search**

CPC ... 1/004; A45D 1/04; A45D 1/06; A45D 1/08;  
A45D 1/10; A45D 1/14; A45D 1/16;  
A45D 1/28; A45D 2002/025; A45D 4/00;  
A45D 7/02

See application file for complete search history.

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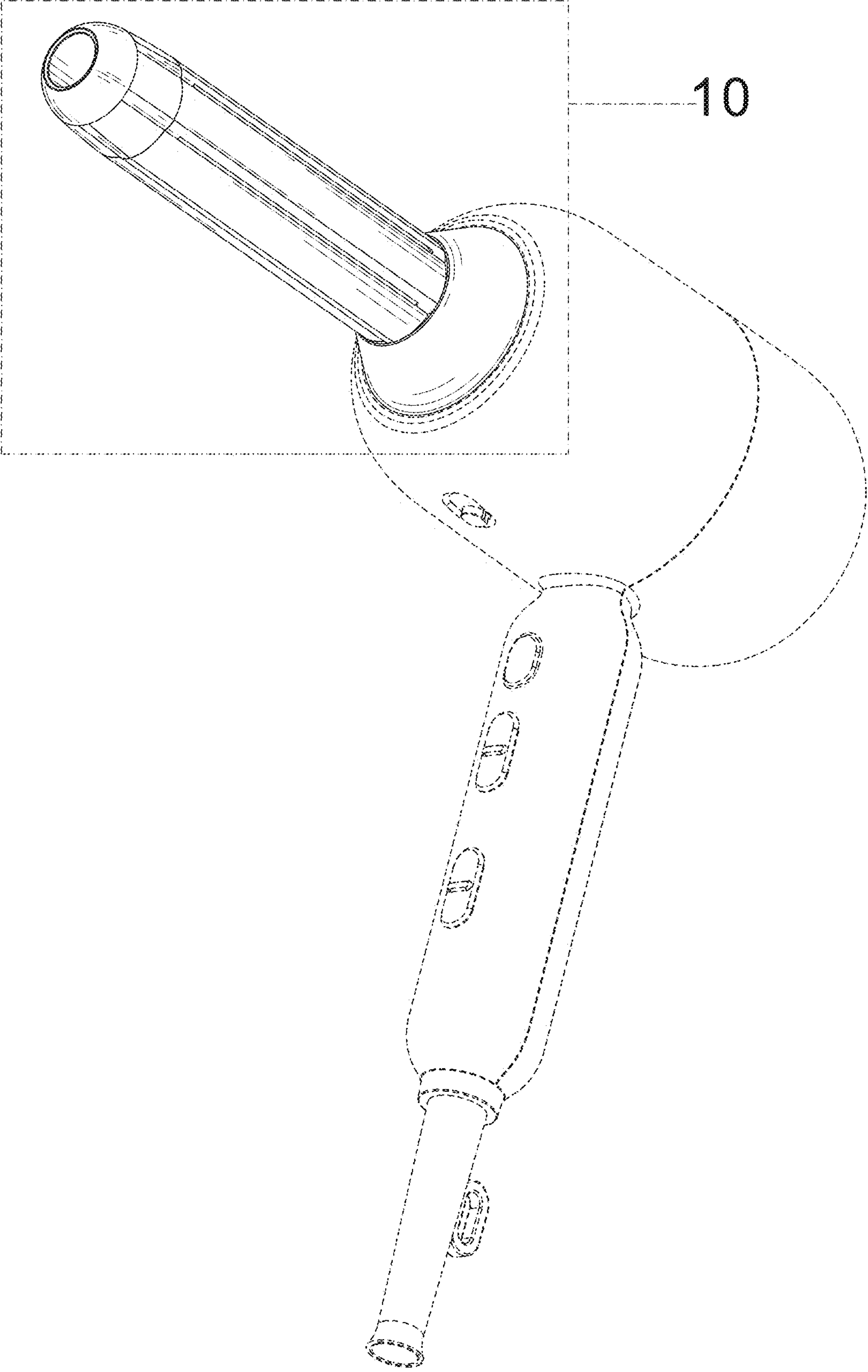


FIG. 1

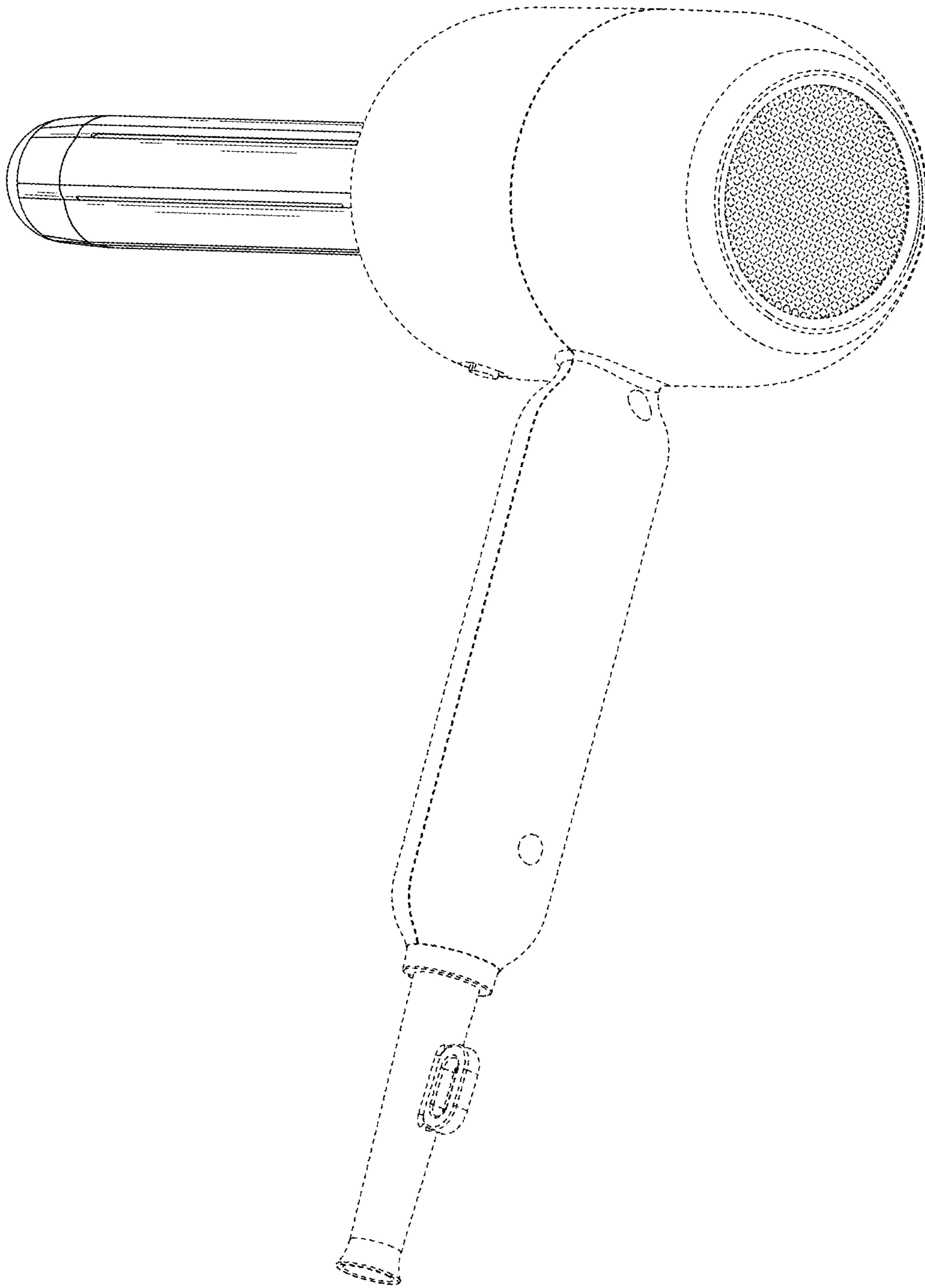


FIG. 2

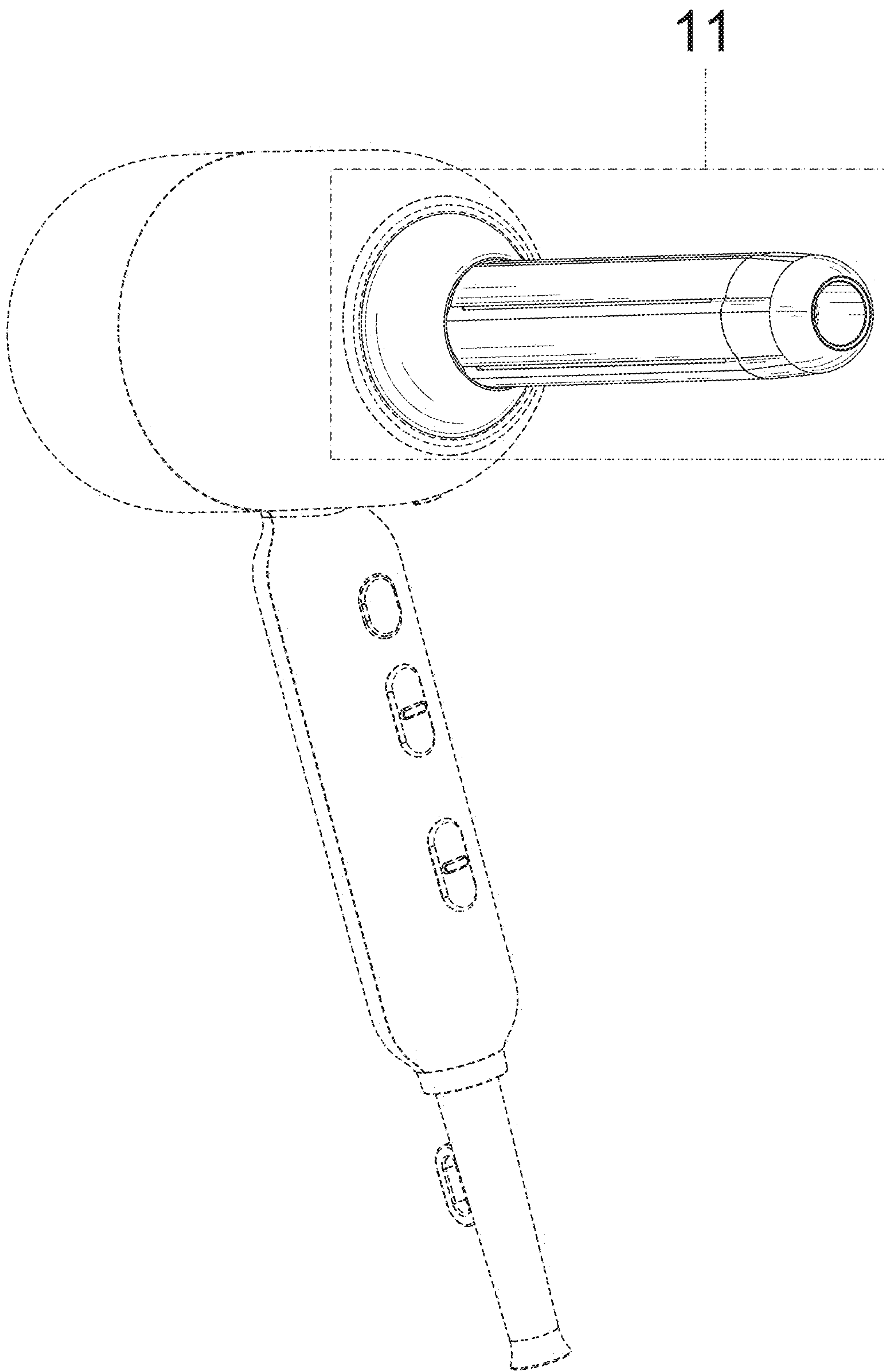


FIG. 3



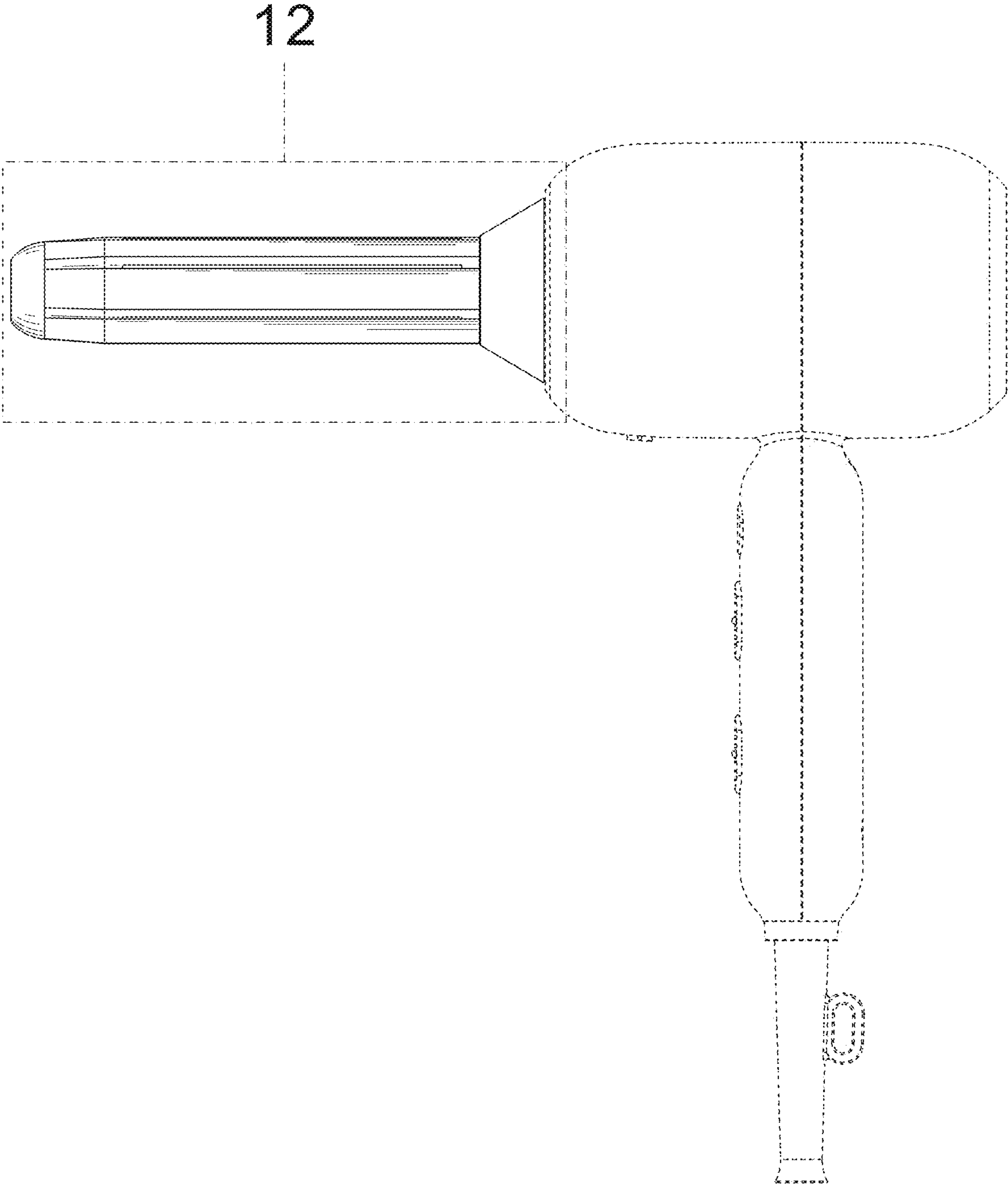


FIG. 4

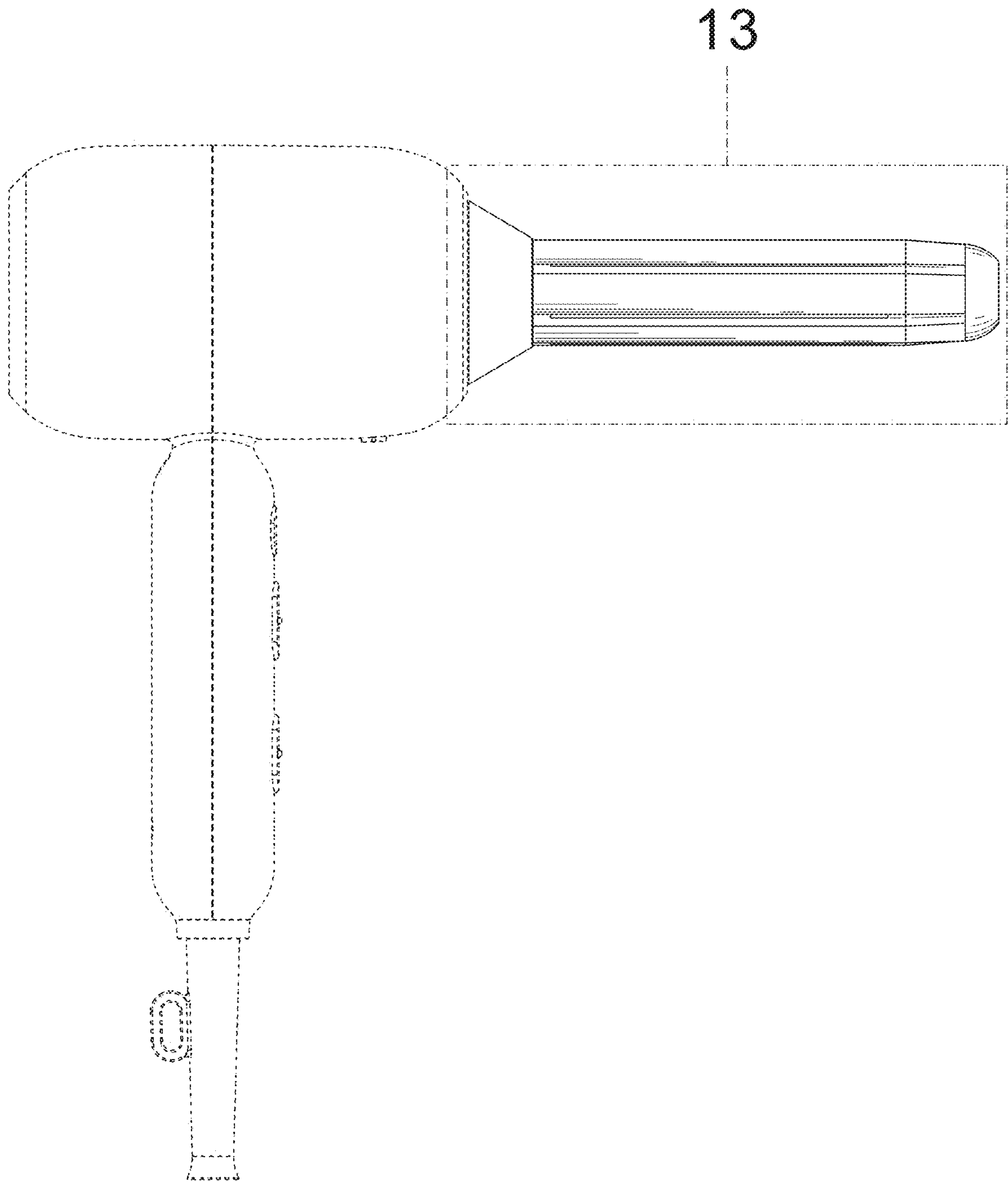


FIG. 5

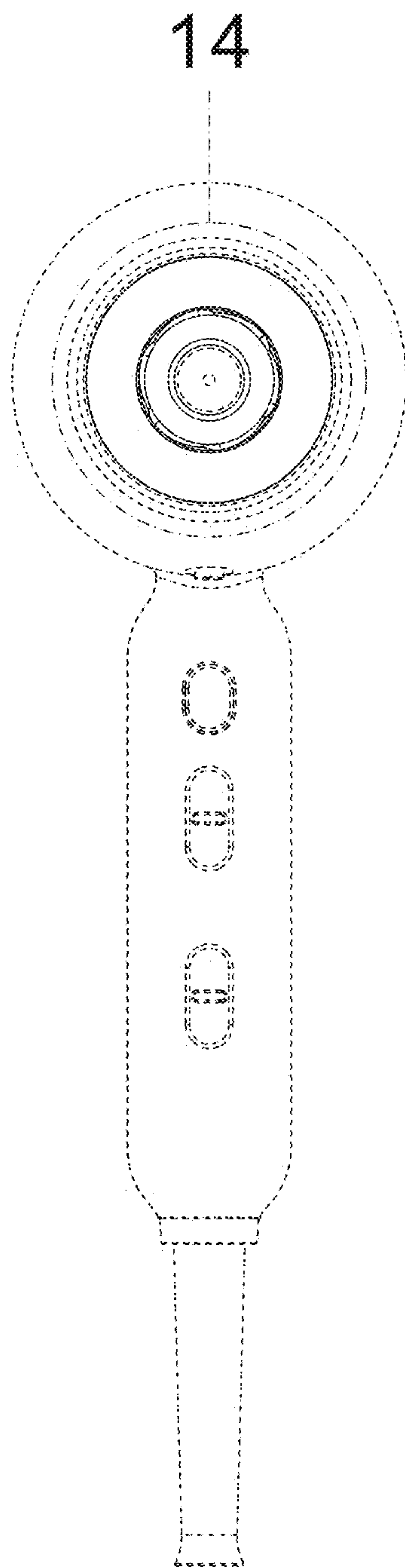


FIG. 6



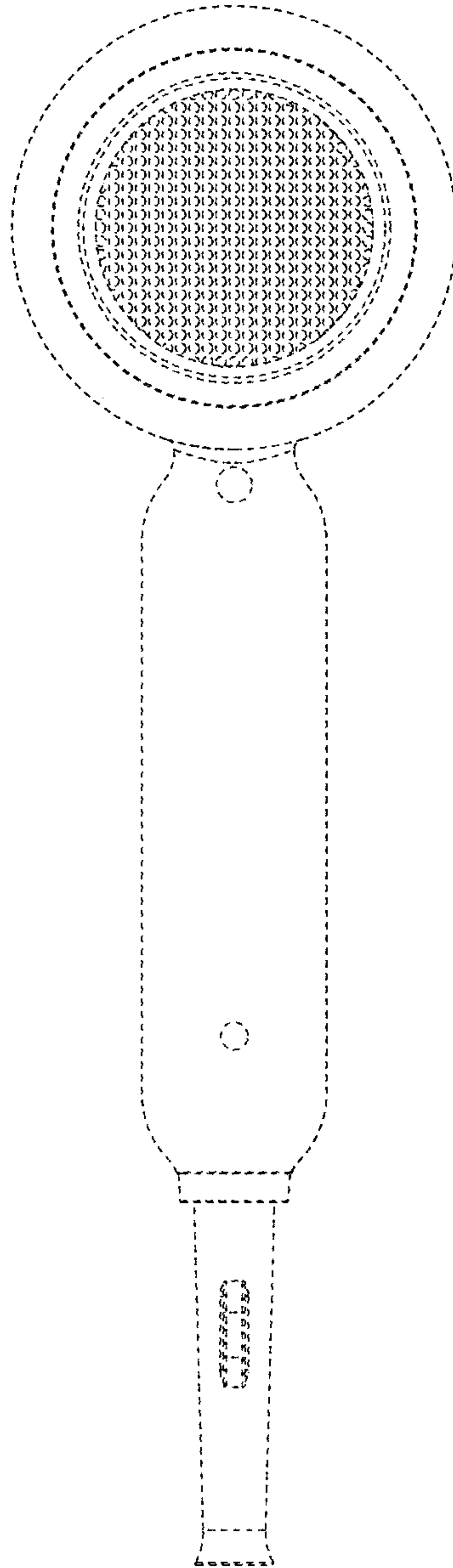


FIG. 7

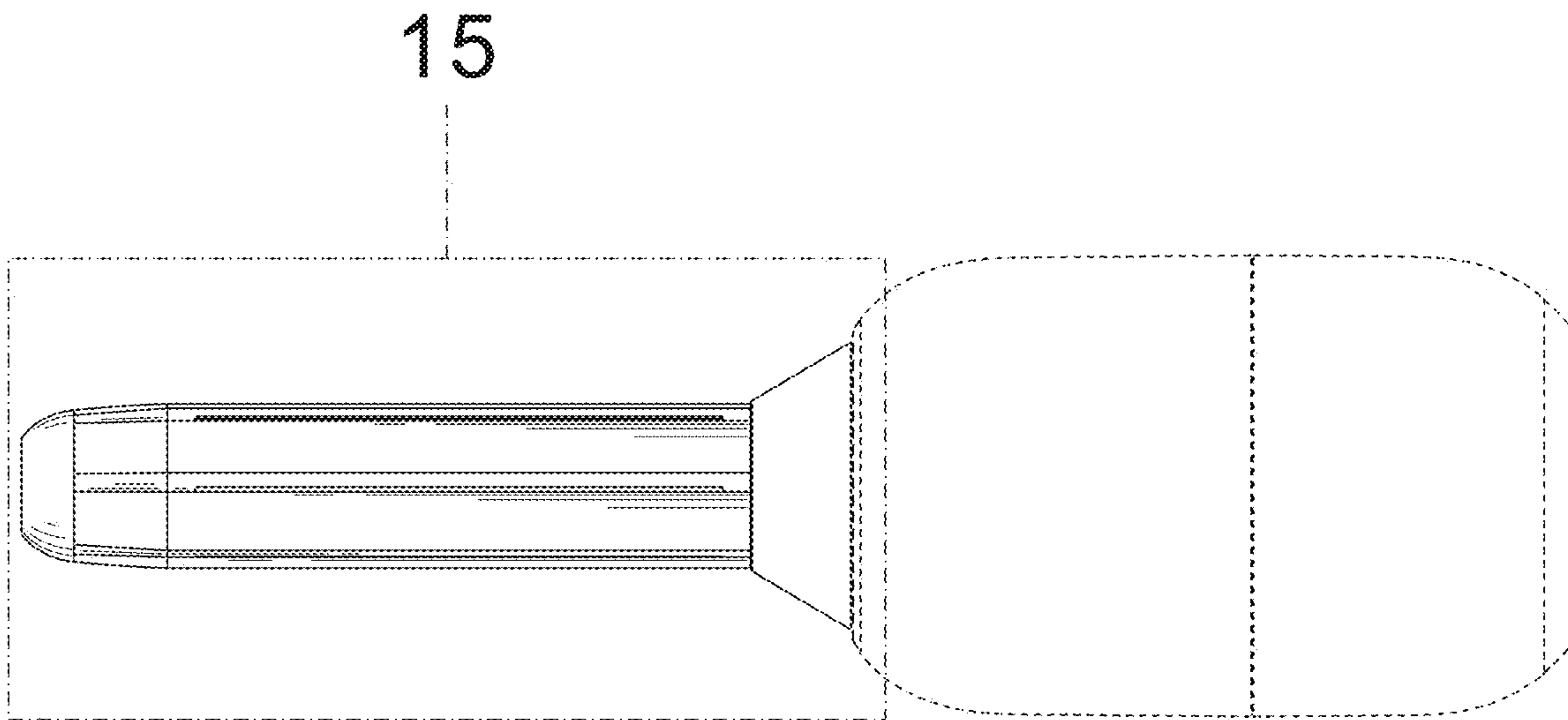


FIG. 8

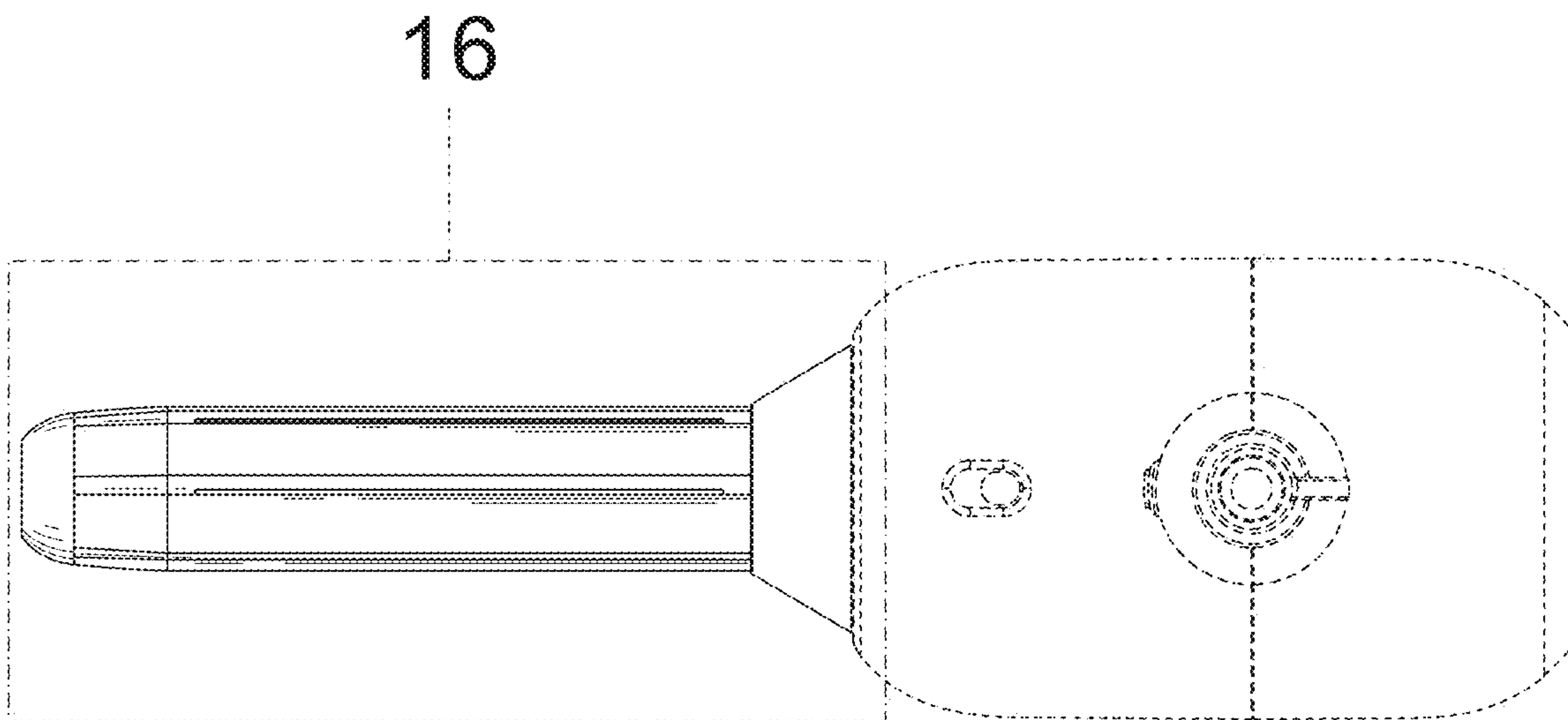


FIG. 9

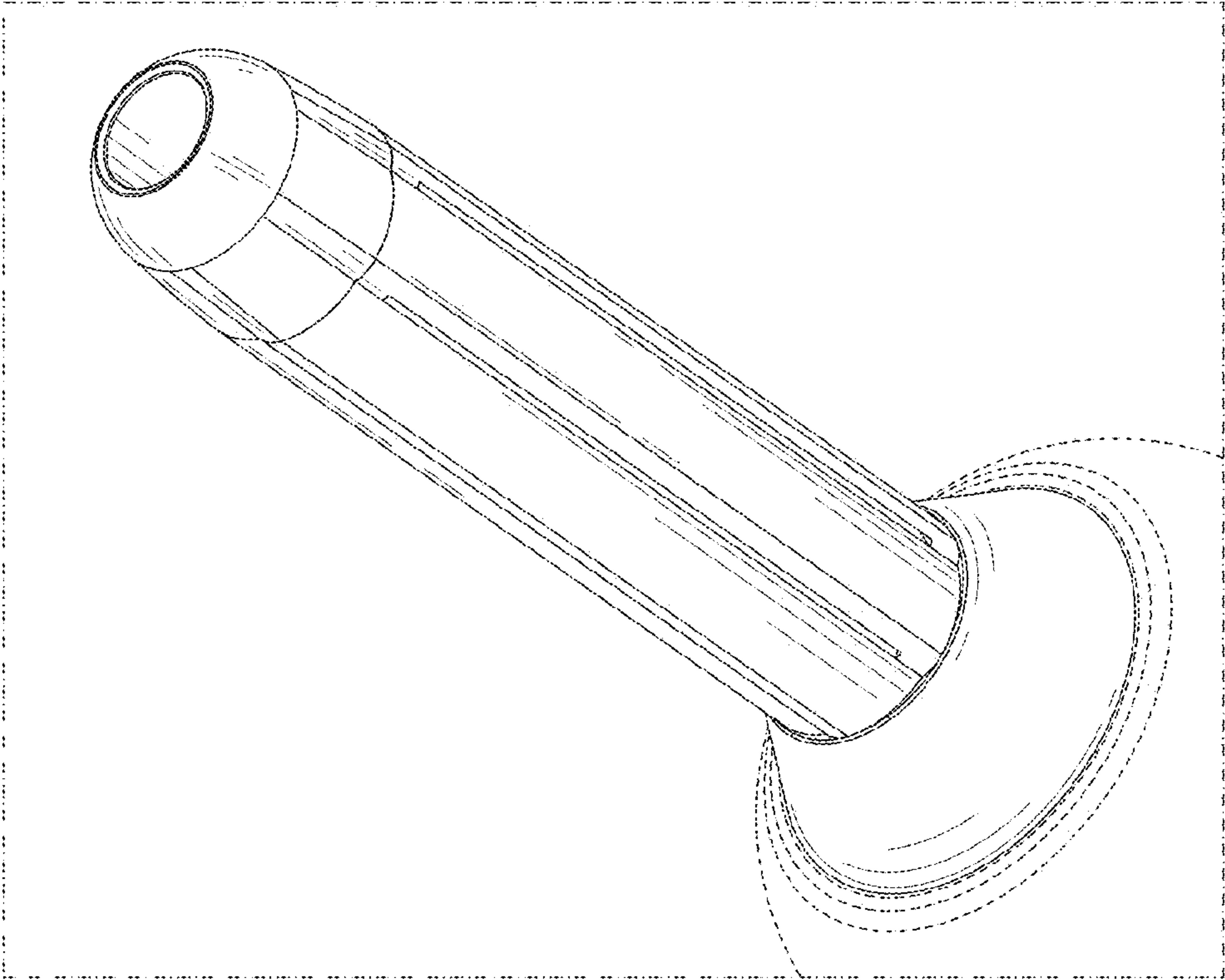


FIG. 10

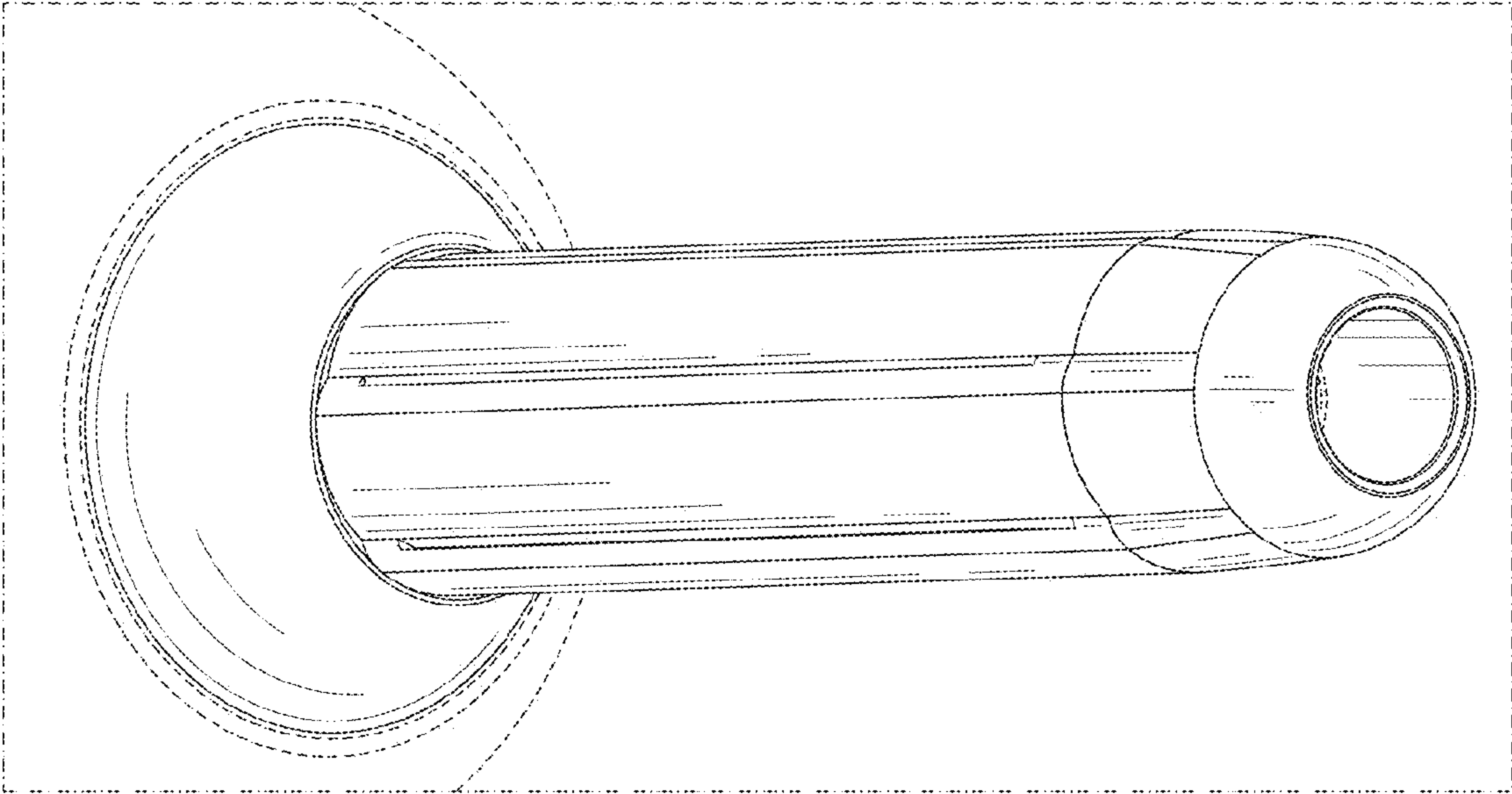


FIG. 11

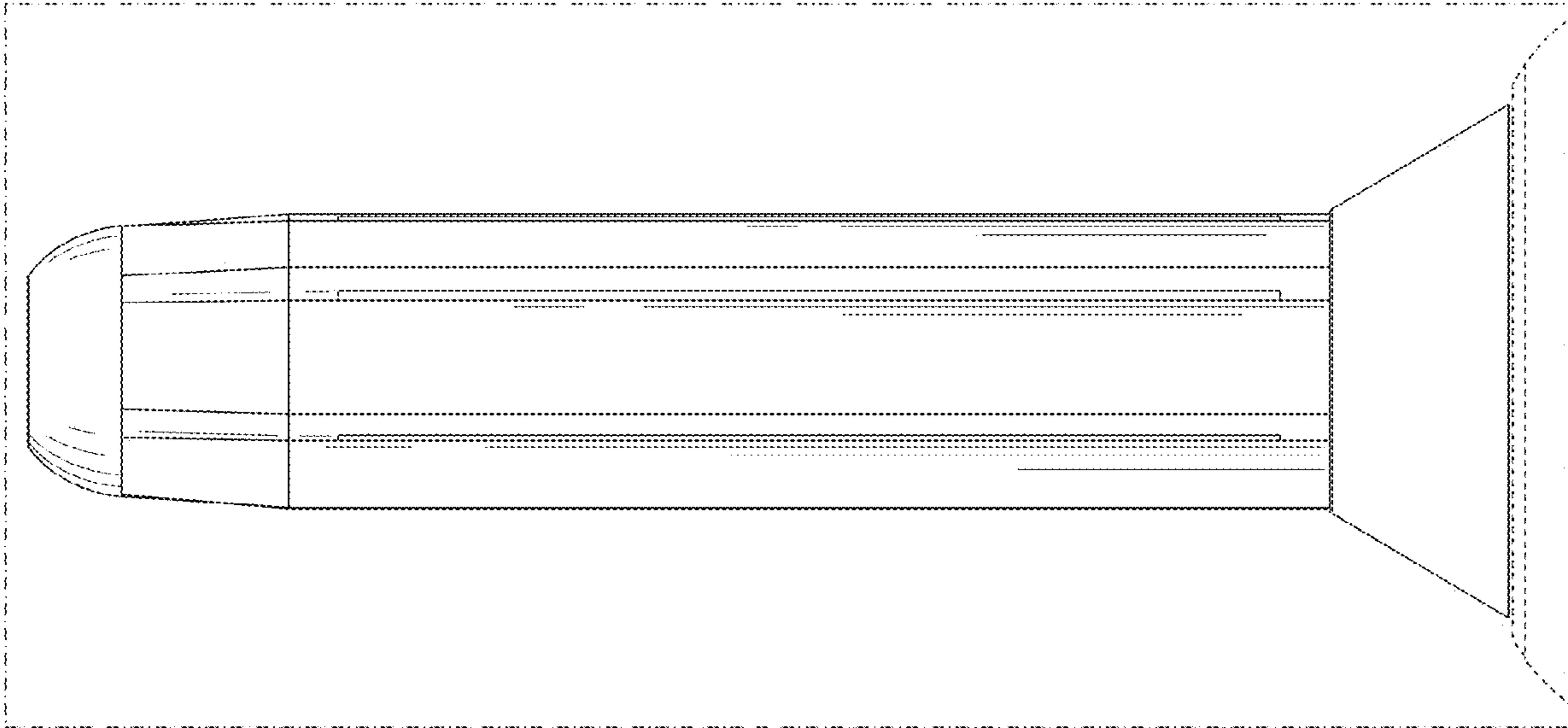


FIG. 12

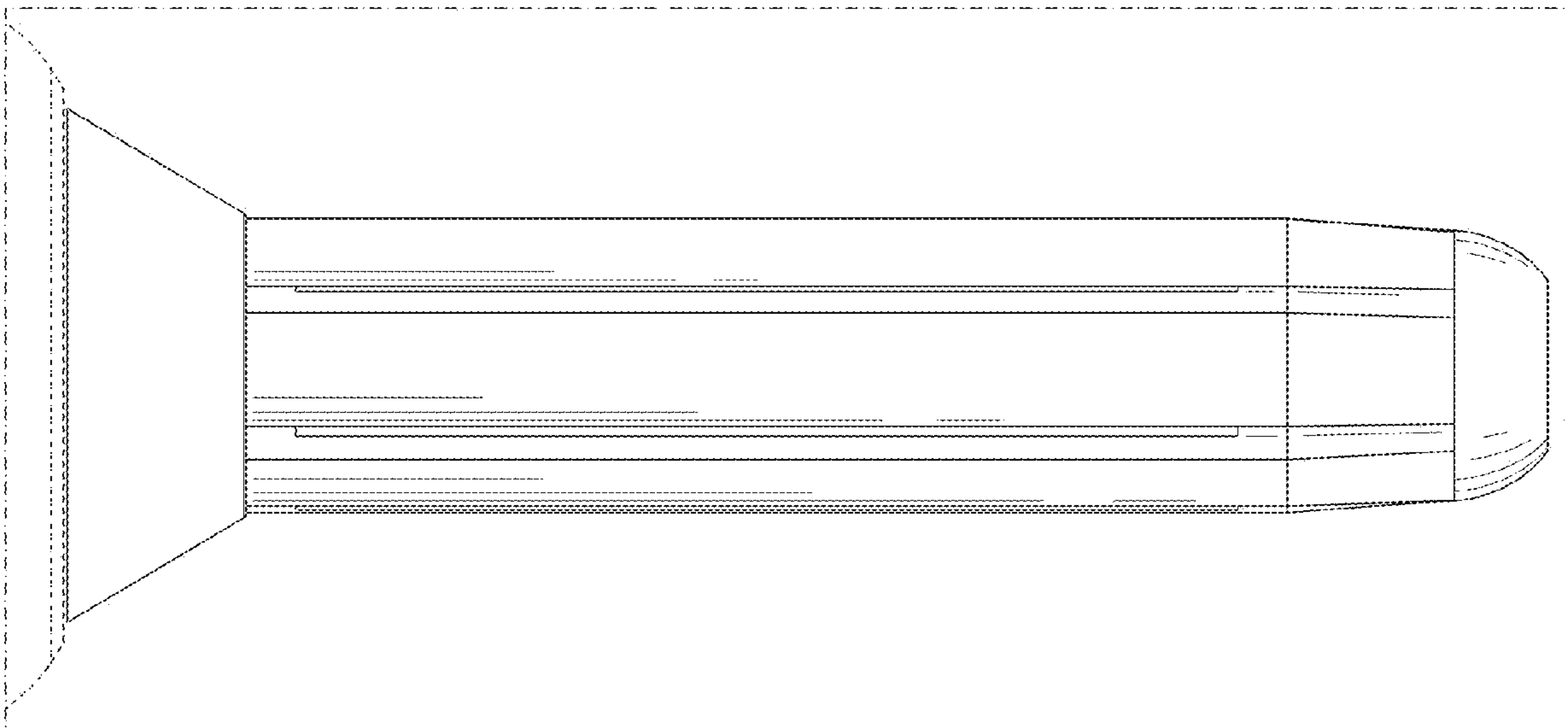


FIG. 13

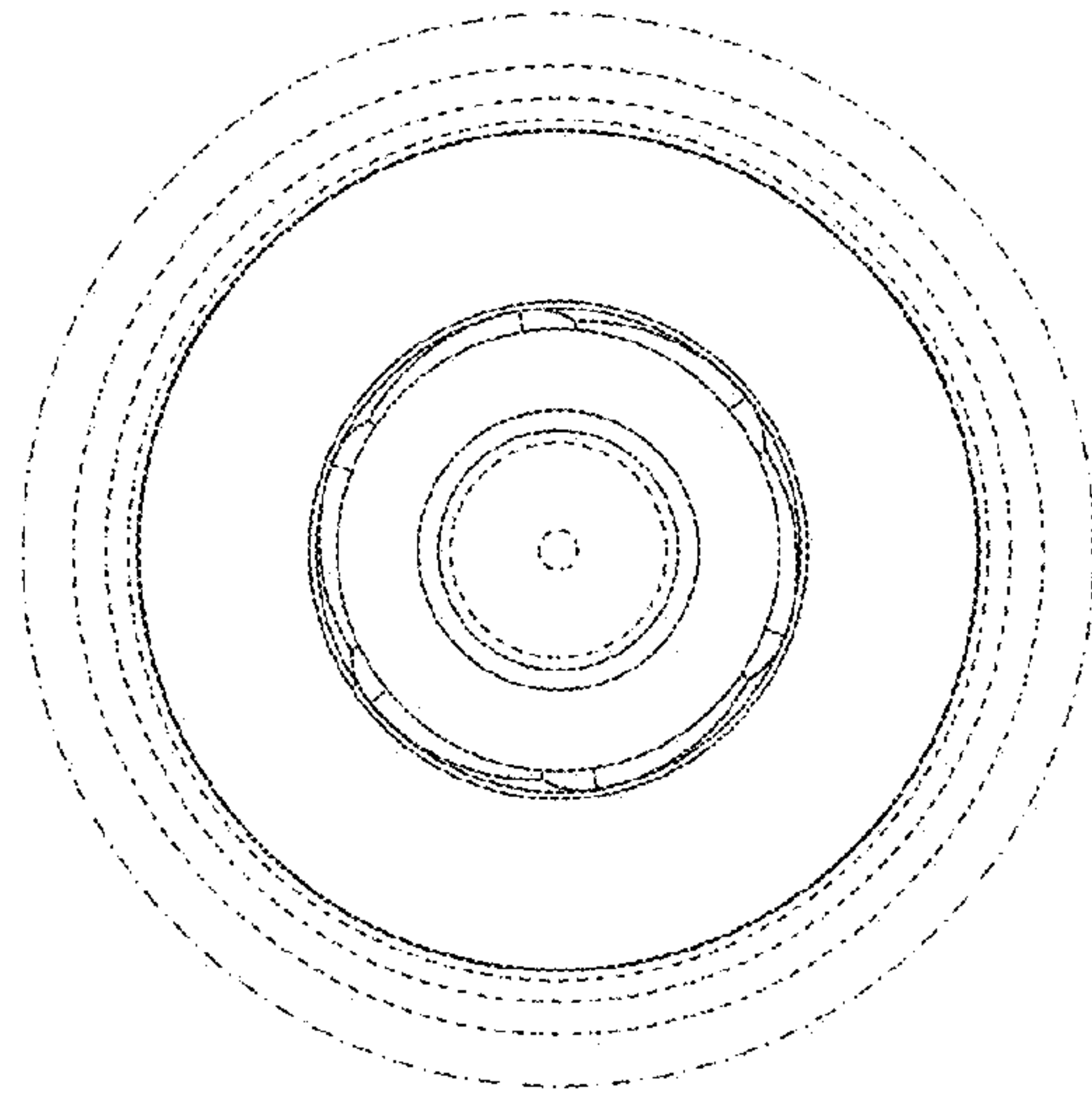


FIG. 14

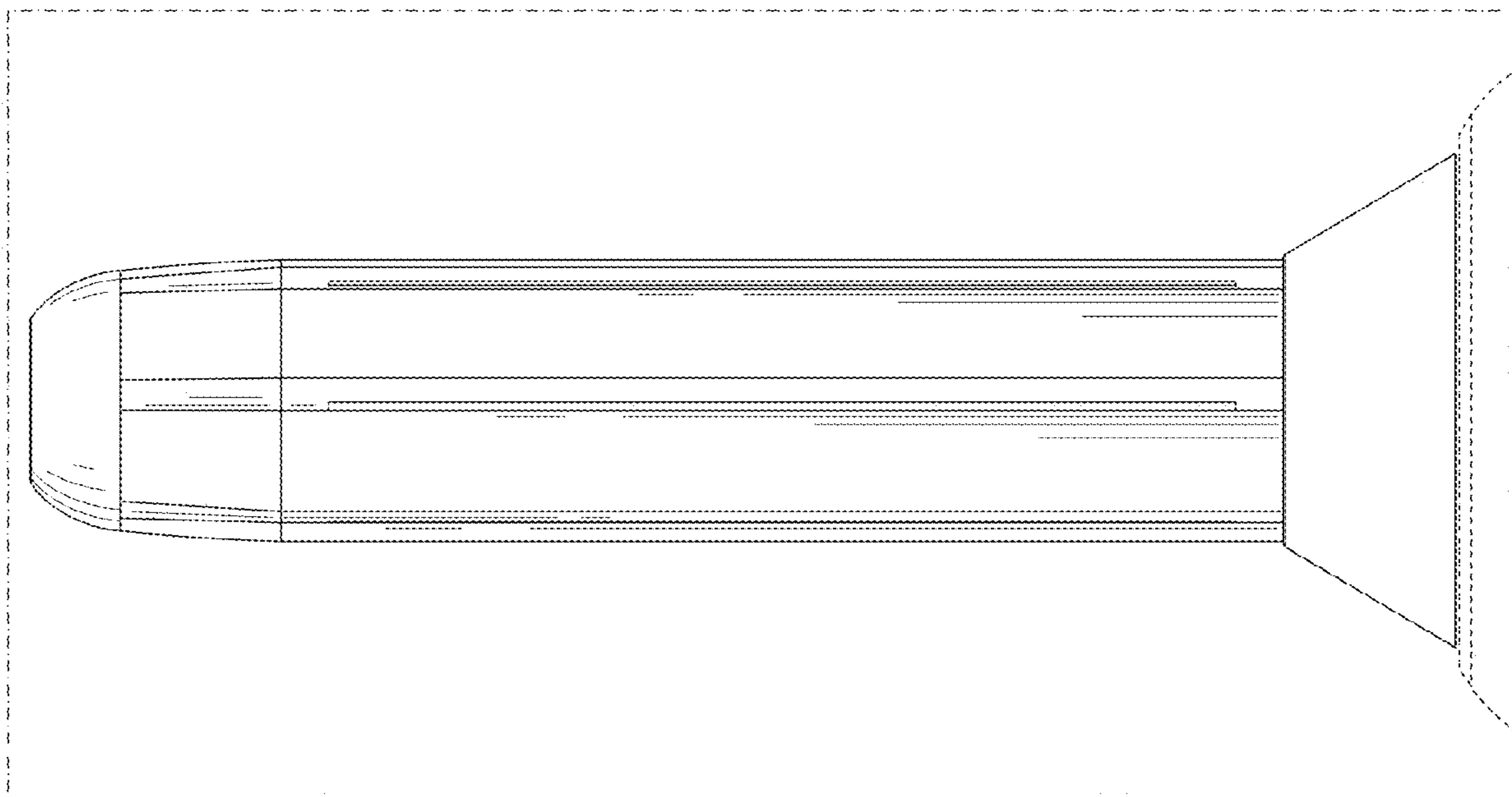


FIG. 15

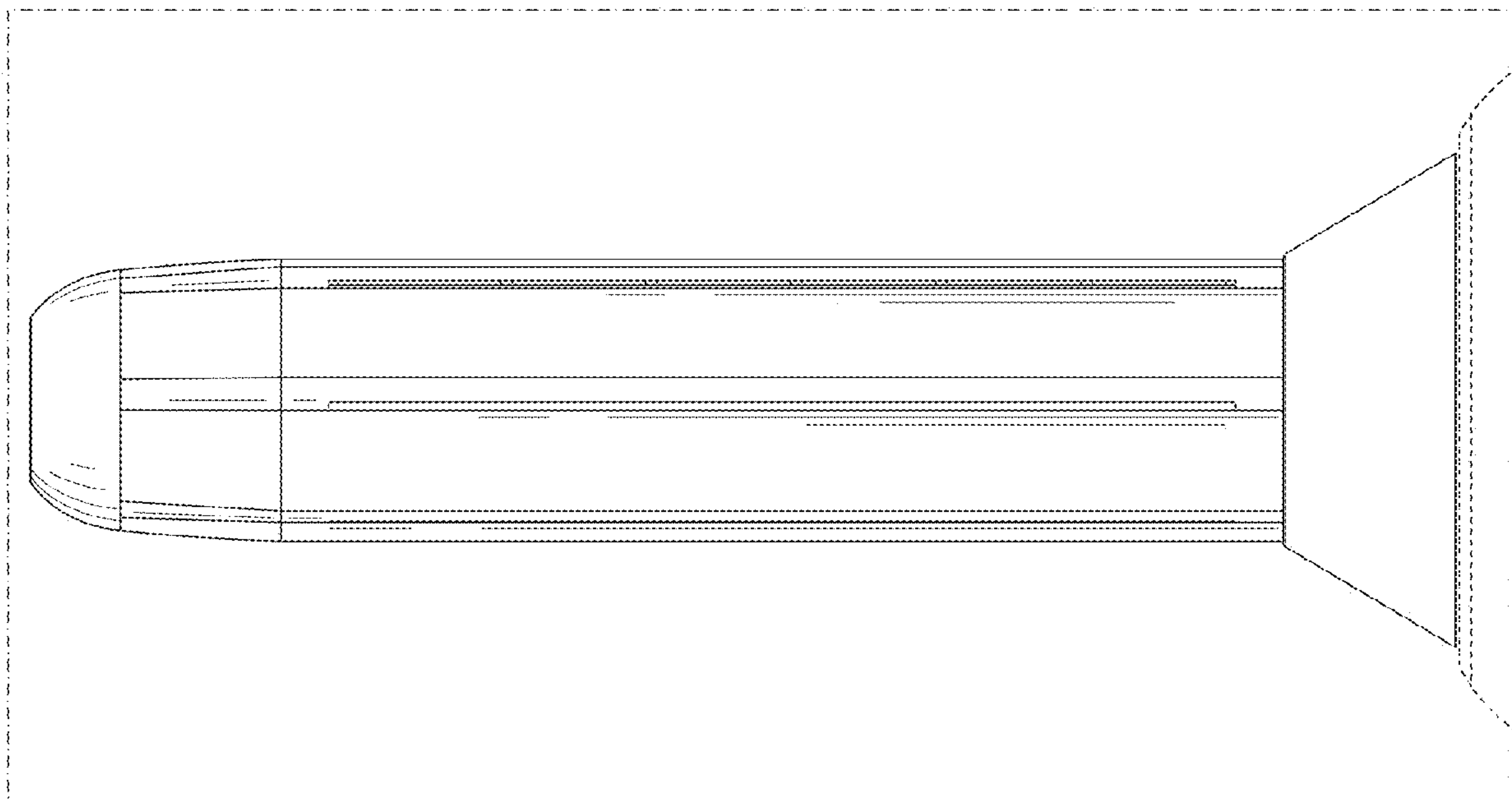


FIG. 16