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(12) **United States Design Patent** (10) **Patent No.:** **US D897,493 S**  
**Sugawara et al.** (45) **Date of Patent:** **\*\* Sep. 29, 2020**

(54) **FLUID EMITTING DEVICE**

OTHER PUBLICATIONS

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<https://www.oasco.us/dosatron> (Year: 2019).\*

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

(57) **CLAIM**

(21) Appl. No.: **29/670,976**

The ornamental design for a fluid emitting device, as shown and described.

(22) Filed: **Nov. 21, 2018**

(51) **LOC (12) Cl.** ..... **23-01**

**DESCRIPTION**

(52) **U.S. Cl.**

USPC ..... **D23/213**

(58) **Field of Classification Search**

USPC ..... D23/213, 214, 215, 223, 224, 226, 229, D23/230; D24/111, 146, 147; D10/83  
CPC ..... A61H 9/0021; A61H 33/00; B05B 1/00; B05B 1/14; B05B 1/185; B05B 1/08; B05B 1/02; B05B 1/26; B05B 12/002; B05B 1/18; B05B 9/01

See application file for complete search history.

FIG. 1 is a front, left side, top perspective view of a fluid emitting device showing our new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left side view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a bottom plan view thereof; FIG. 8 is a partially enlarged view thereof, showing an area taken in the direction of line 8-8 in FIG. 2, FIG. 9 is an enlarged top plan view thereof; and, FIG. 10 is a reference perspective view thereof, showing a state in which this article is used.

(56) **References Cited**

U.S. PATENT DOCUMENTS

|              |      |         |           |       |              |
|--------------|------|---------|-----------|-------|--------------|
| 7,959,597    | B2 * | 6/2011  | Baker     | ..... | A61M 3/0216  |
|              |      |         |           |       | 604/28       |
| D644,714     | S *  | 9/2011  | Mauchle   | ..... | D23/213      |
| D673,648     | S *  | 1/2013  | Masson    | ..... | D10/83       |
| D697,205     | S *  | 1/2014  | Schneider | ..... | D24/113      |
| D704,799     | S *  | 5/2014  | Crawley   | ..... | D23/213      |
| D736,374     | S *  | 8/2015  | Murakami  | ..... | D24/146      |
| D740,422     | S *  | 10/2015 | Herfort   | ..... | D24/147      |
| D747,440     | S *  | 1/2016  | Naslund   | ..... | D23/213      |
| D863,383     | S *  | 10/2019 | Wills     | ..... | D15/139      |
| 2006/0100655 | A1 * | 5/2006  | Leong     | ..... | A61B 5/15186 |
|              |      |         |           |       | 606/181      |

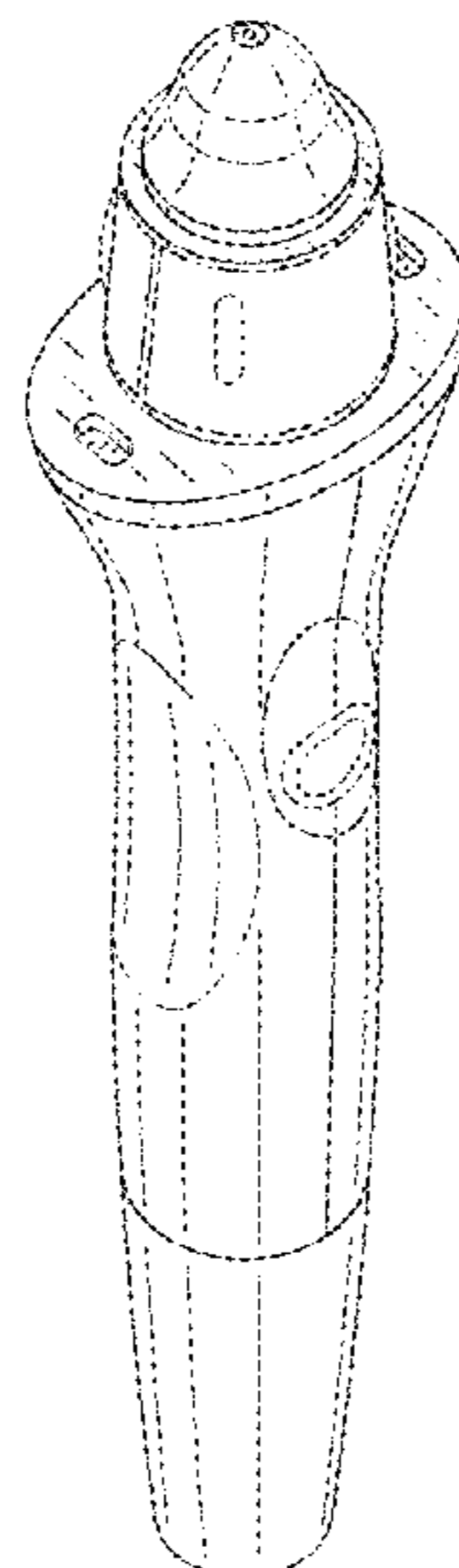
The dash lines in all figures represent portions of a fluid emitting device and form no part of the claimed design.

The dash-dot lines represent a boundary line and form no part of the claimed design.

FIG. 10 contains additional dash lines, in the form of a charging/holding device representing environment, that form no part of the claimed design. FIG. 10 is also shown with break lines to indicate non-specified lengths. The appearance between the break lines forms no part of the claimed design.

(Continued)

**1 Claim, 9 Drawing Sheets**



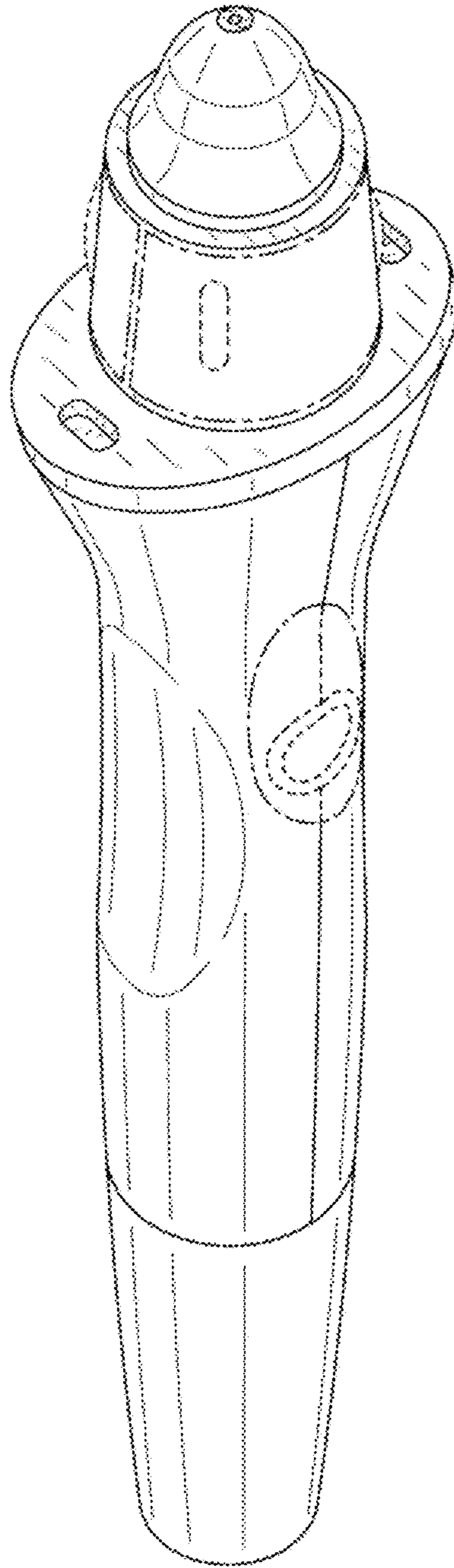
(56)

**References Cited**

U.S. PATENT DOCUMENTS

2010/0013212 A1\* 1/2010 Cheng ..... B05B 15/652  
285/18  
2011/0144588 A1\* 6/2011 Taylor ..... A61M 3/0258  
604/151  
2018/0148980 A1\* 5/2018 Nkwocha ..... E21B 10/60

\* cited by examiner



**FIG. 1**

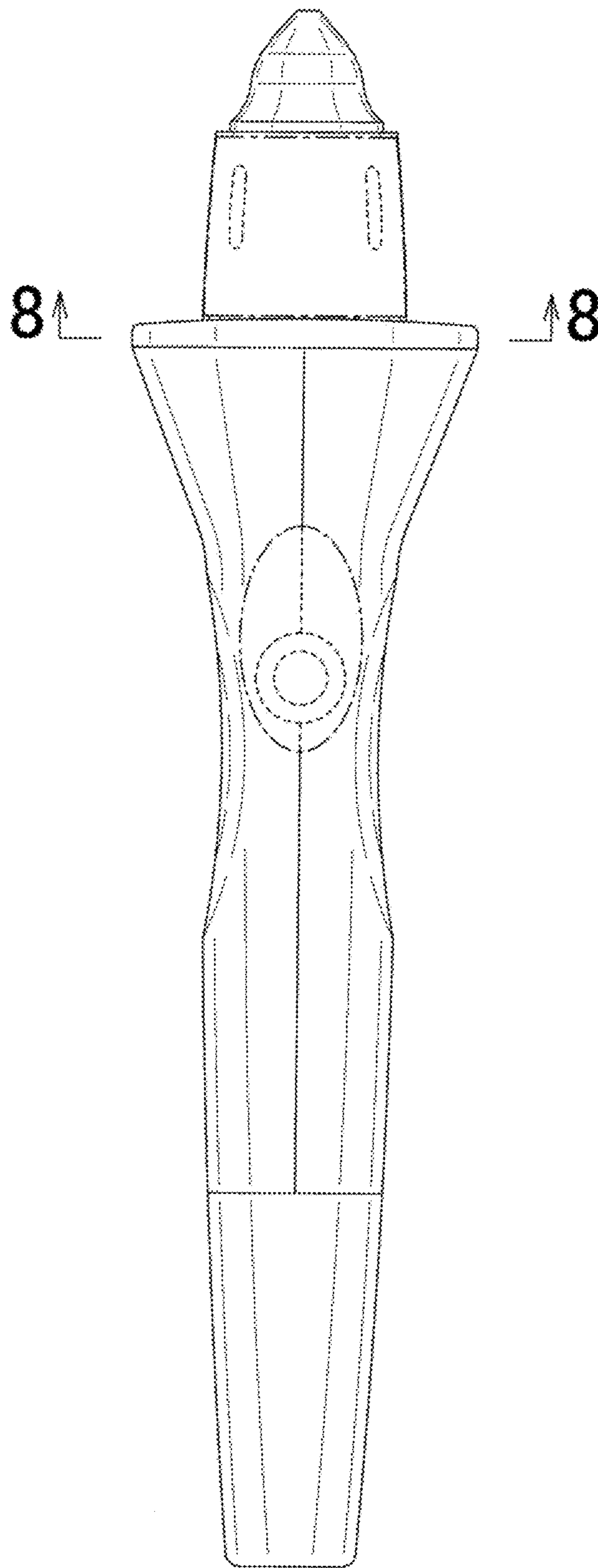
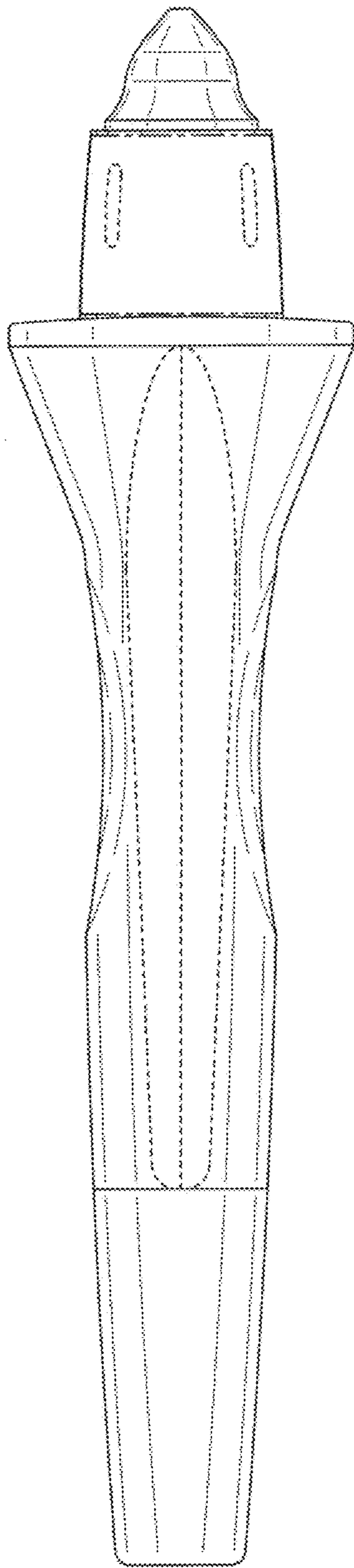
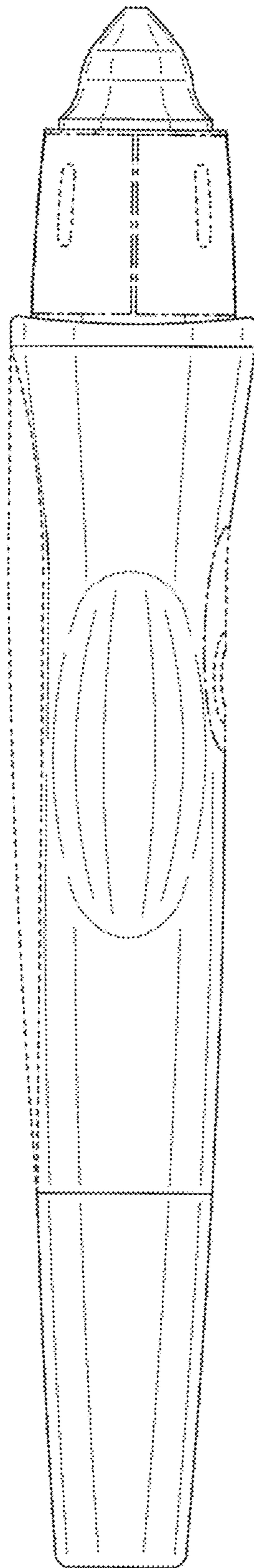


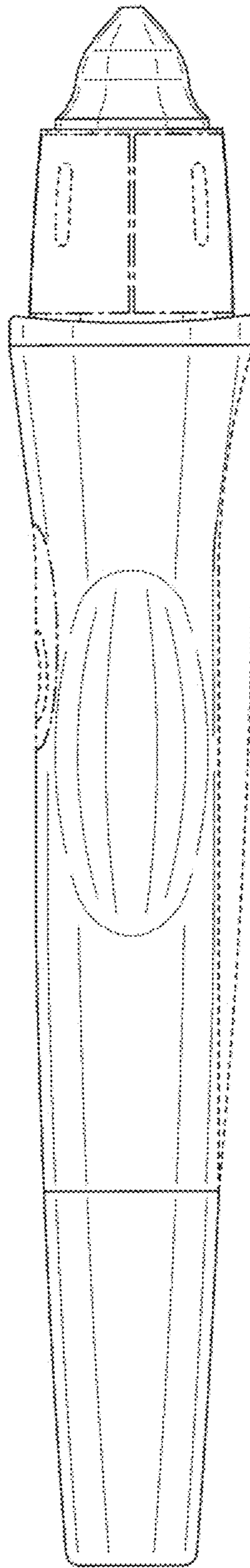
FIG. 2



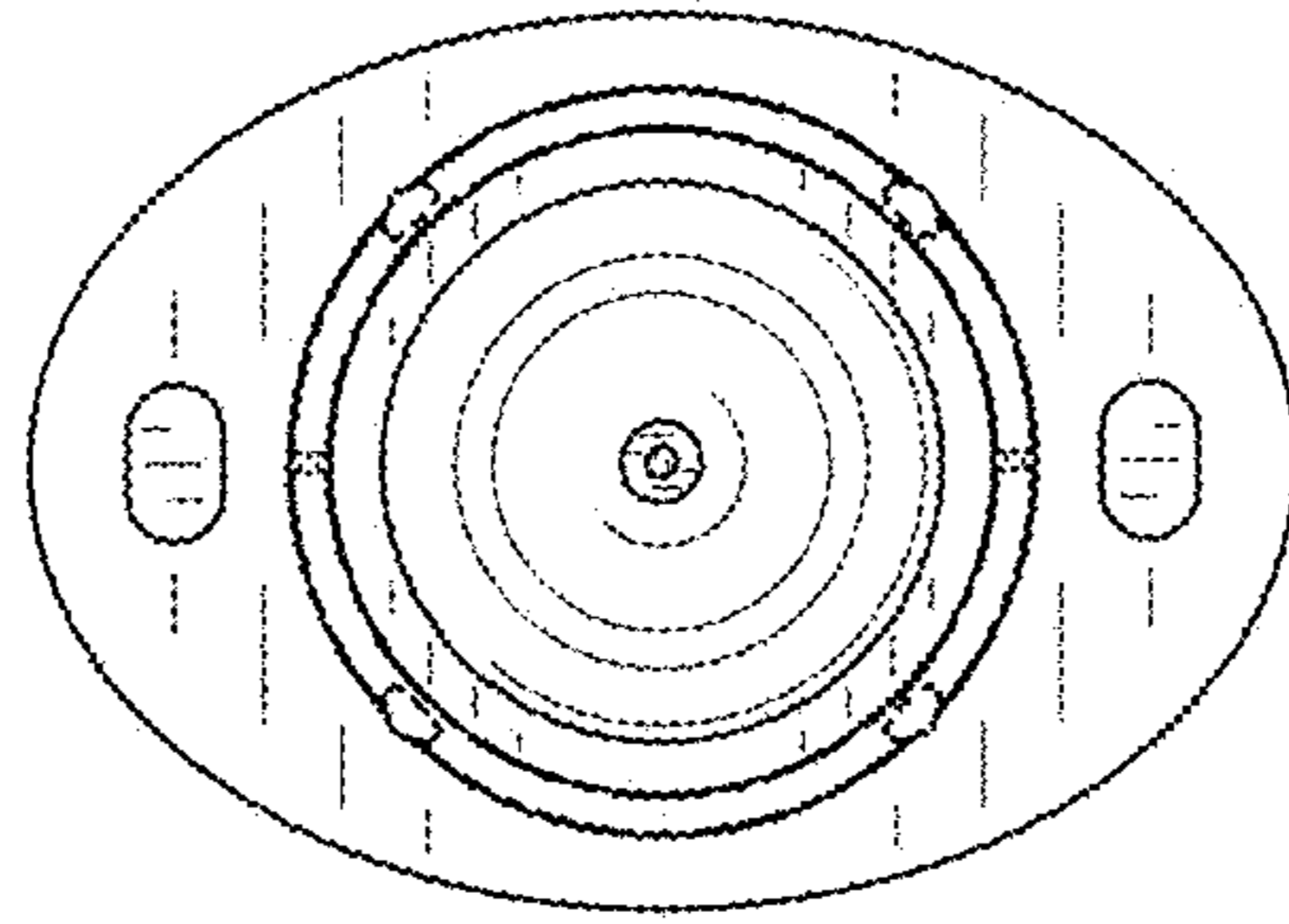
**FIG. 3**



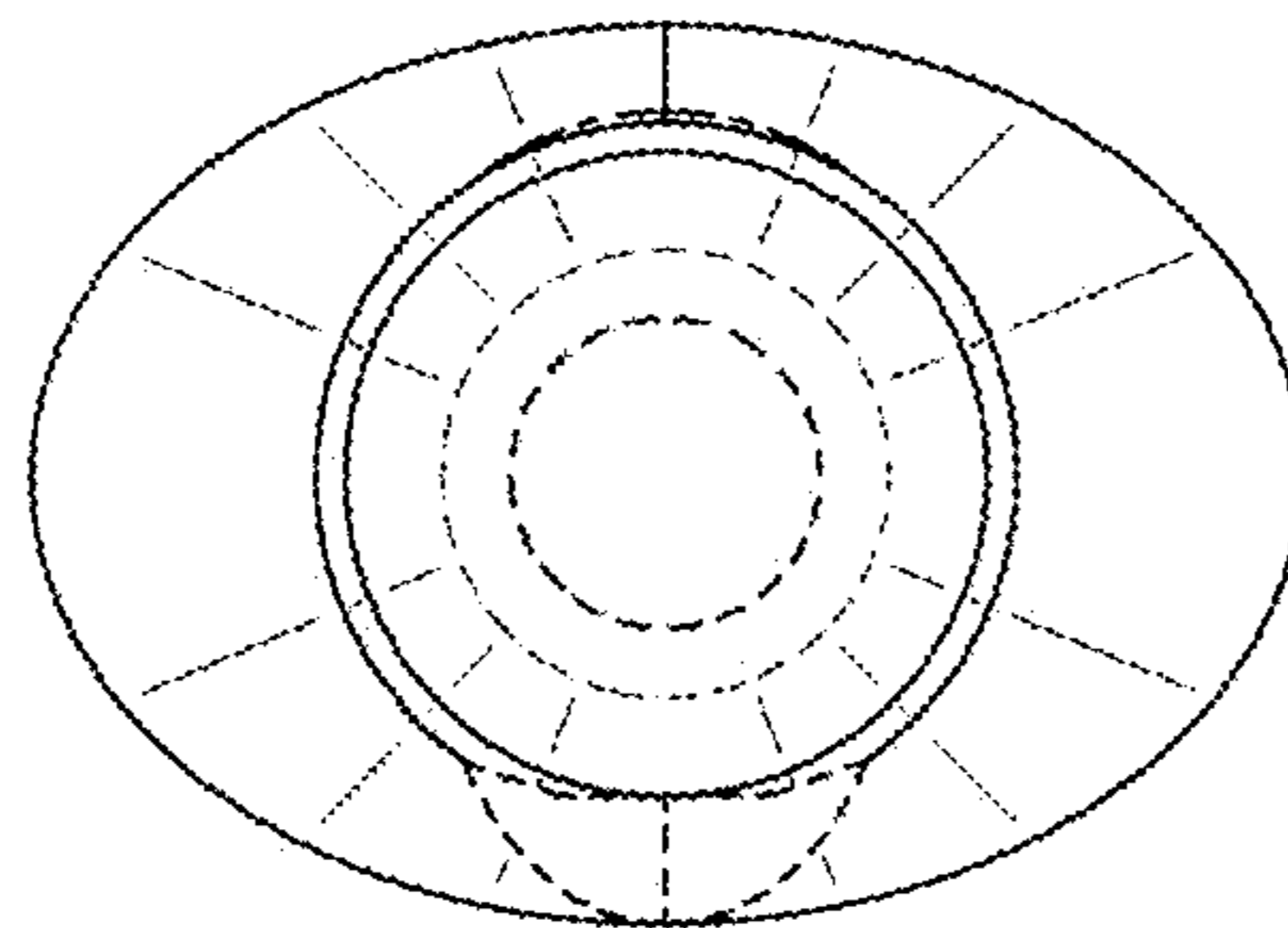
**FIG. 4**



**FIG. 5**

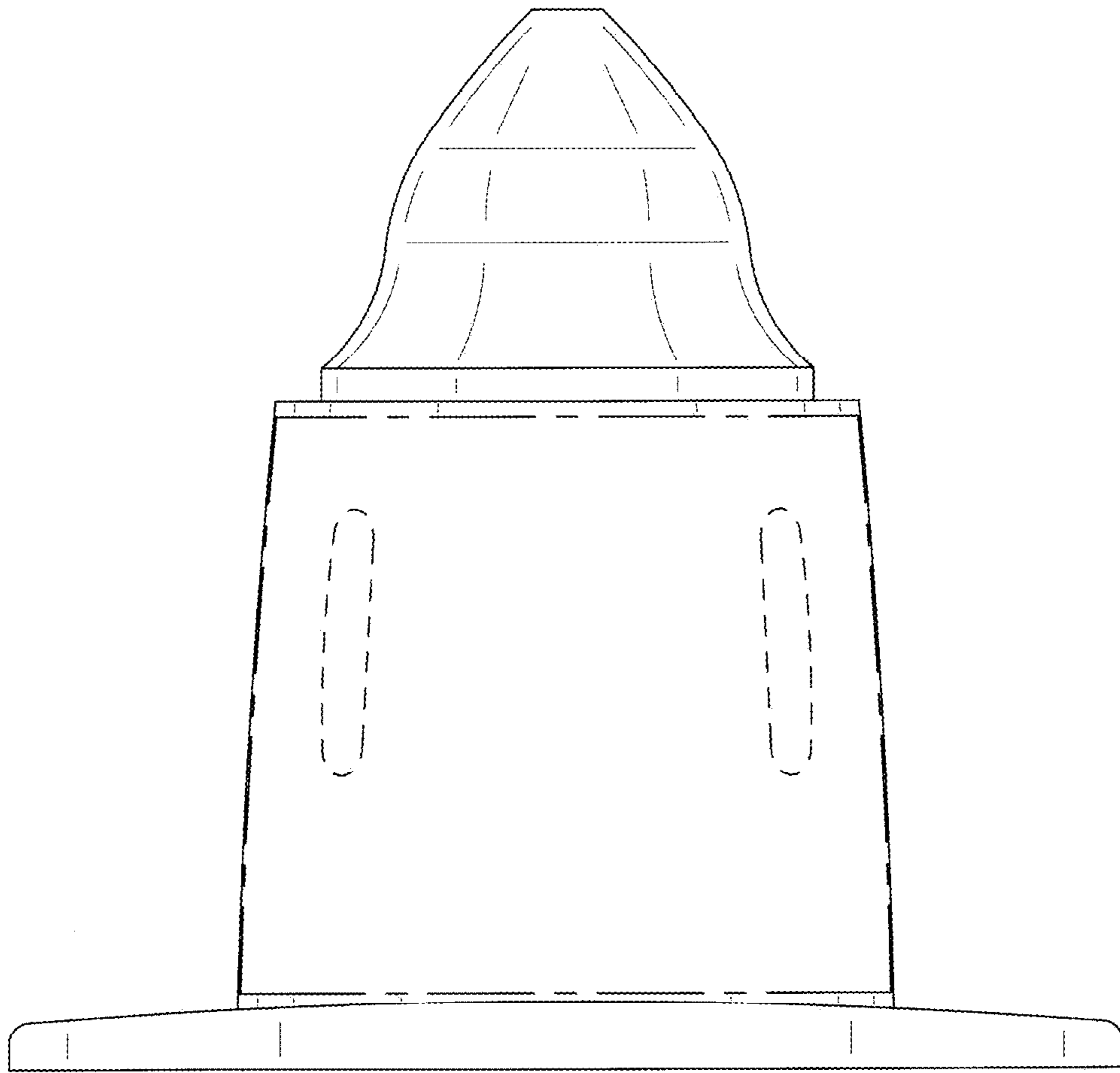


**FIG. 6**

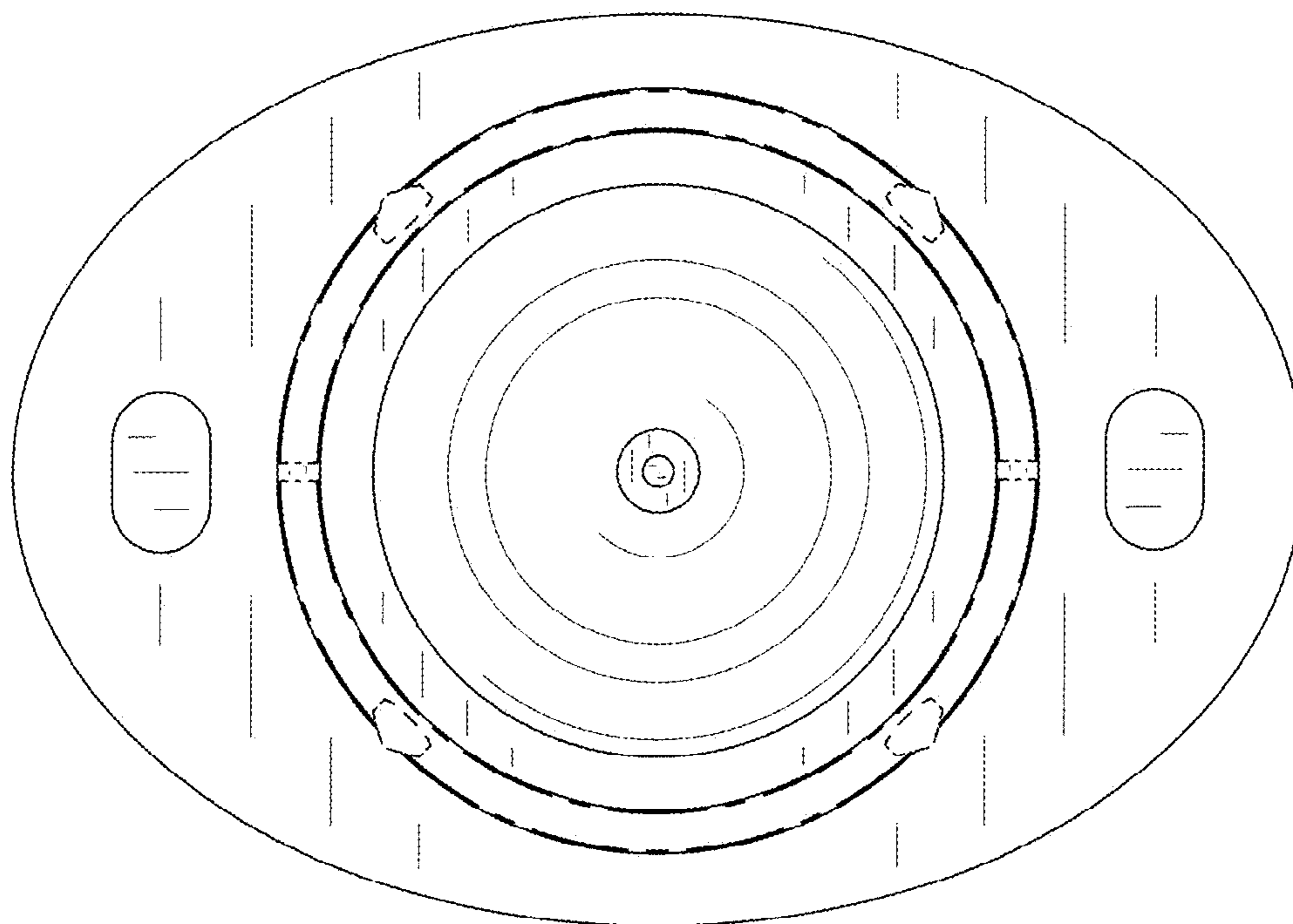


**FIG. 7**

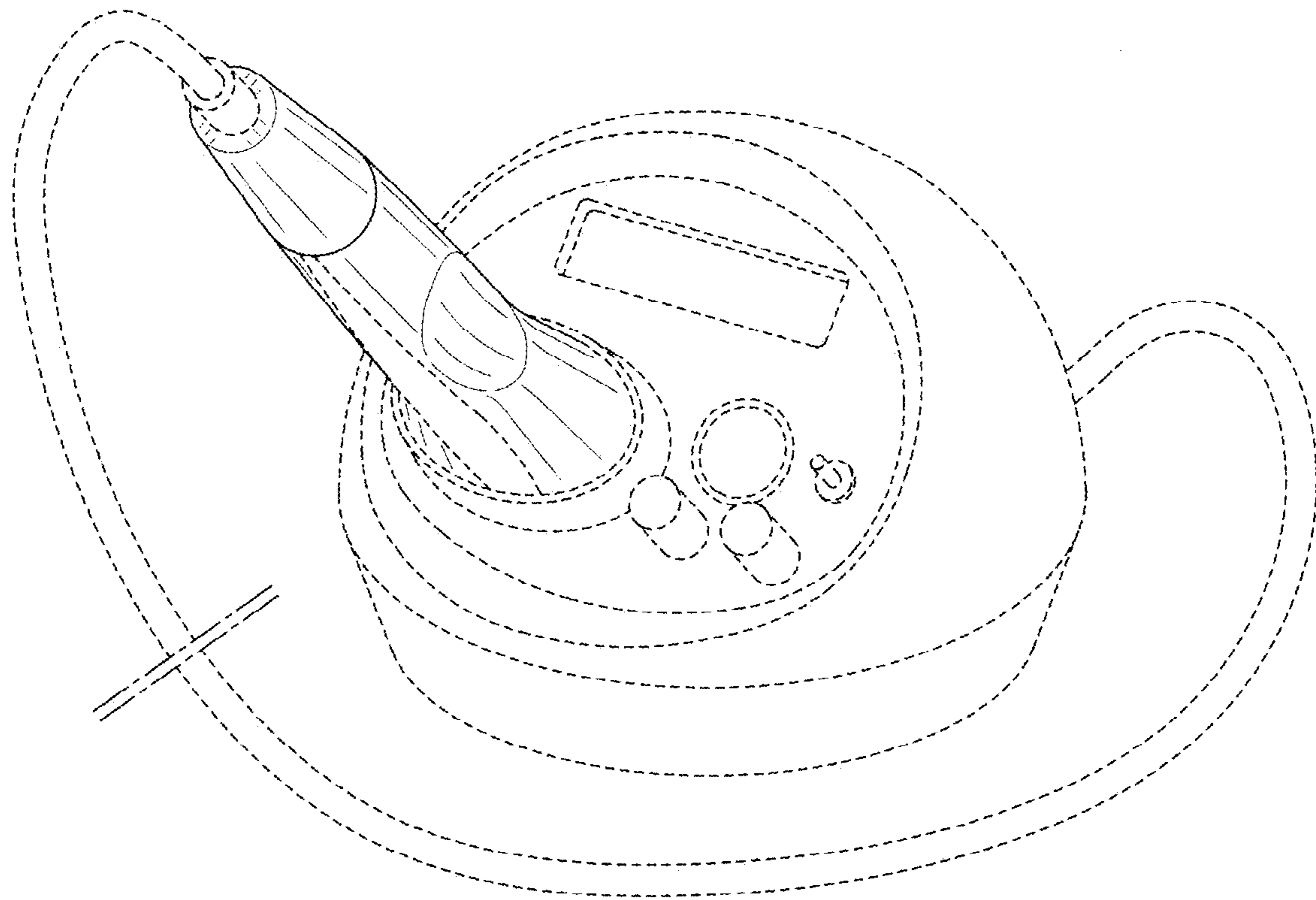




**FIG. 8**



**FIG. 9**



**FIG. 10**