



US00D623369S

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

(10) **Patent No.:** **US D623,369 S**  
(45) **Date of Patent:** **\*\* Sep. 7, 2010**

(54) **CLEANING DEVICE FOR OPTICAL CONNECTORS**

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(\*\*) Term: **14 Years**

(21) Appl. No.: **29/338,133**

(22) Filed: **Jun. 4, 2009**

(30) **Foreign Application Priority Data**

Mar. 19, 2009 (JP) ..... 2009-006229

(51) **LOC (9) Cl.** ..... **08-99**

(52) **U.S. Cl.** ..... **D32/35; D8/51**

(58) **Field of Classification Search** ..... D8/1, D8/4, 5, 14, 20, 51-56, 58, 105-107; D32/35; 15/97.1, 210.1, 231; 385/134, 135, 147, 385/85

See application file for complete search history.

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(57) **CLAIM**

The design for a cleaning device for optical connectors, as shown.

**DESCRIPTION**

FIG. 1 is a perspective view showing our new design.

FIG. 2 is a side elevation view thereof.

FIG. 3 is a side elevation view from the opposite side thereof.

FIG. 4 is a front elevation view thereof, the rear elevation being a mirror image thereof.

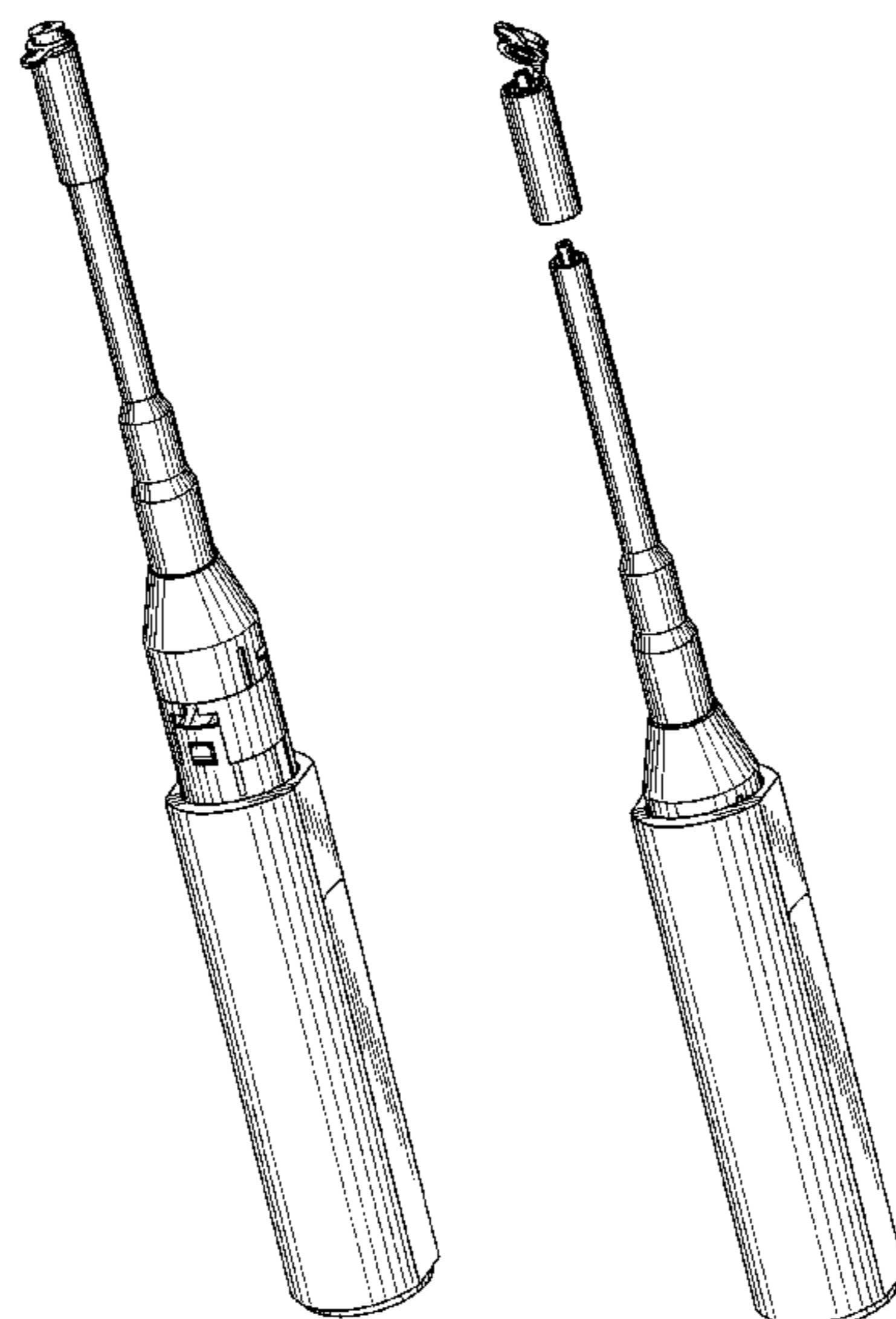
FIG. 5 is a top plan view thereof.

FIG. 6 is a bottom plan view thereof.

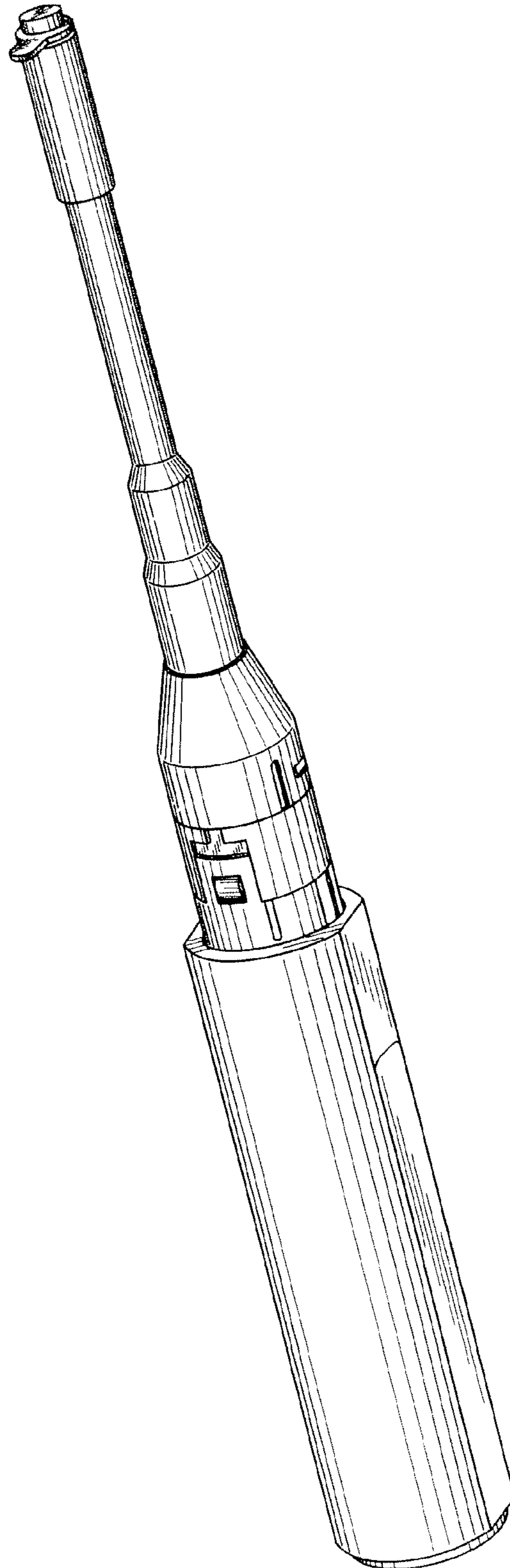
FIG. 7 is another perspective view thereof, wherein the cleaning device for optical connectors of our new design is shown in an alternate position of use; and,

FIG. 8 is a detail view of a portion of FIG. 7.

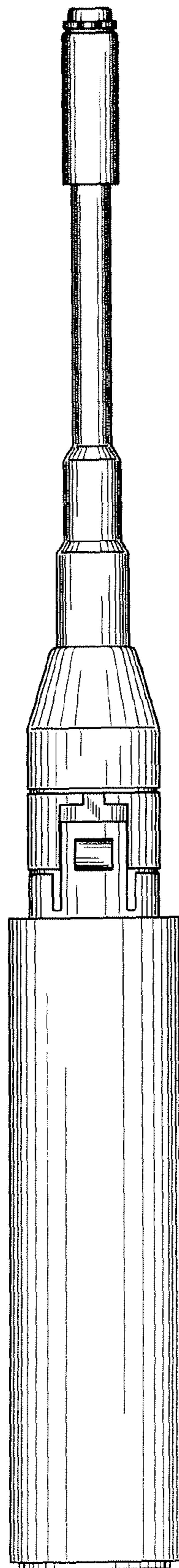
**1 Claim, 7 Drawing Sheets**



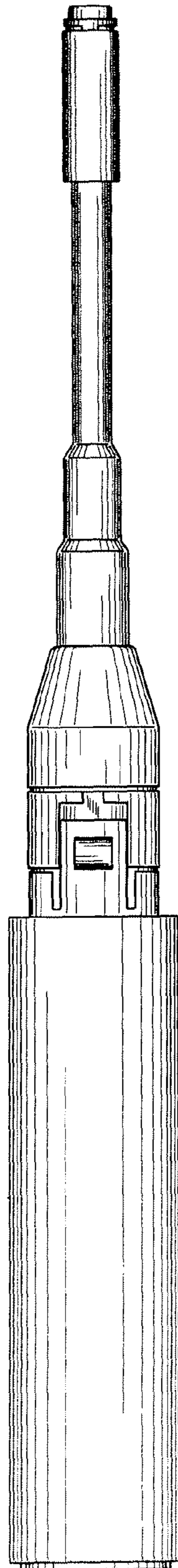
**FIG. 1**



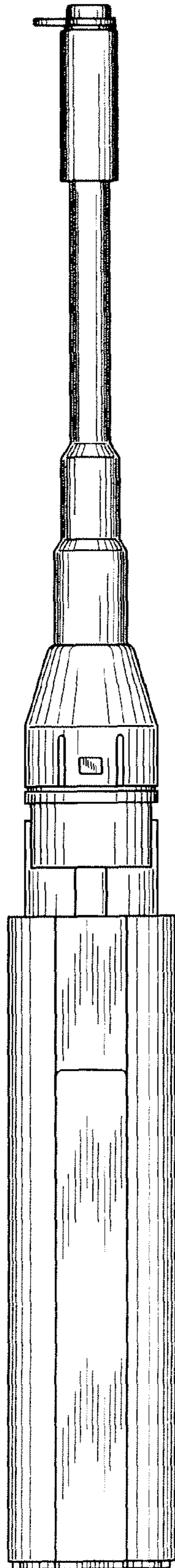
**FIG.2**



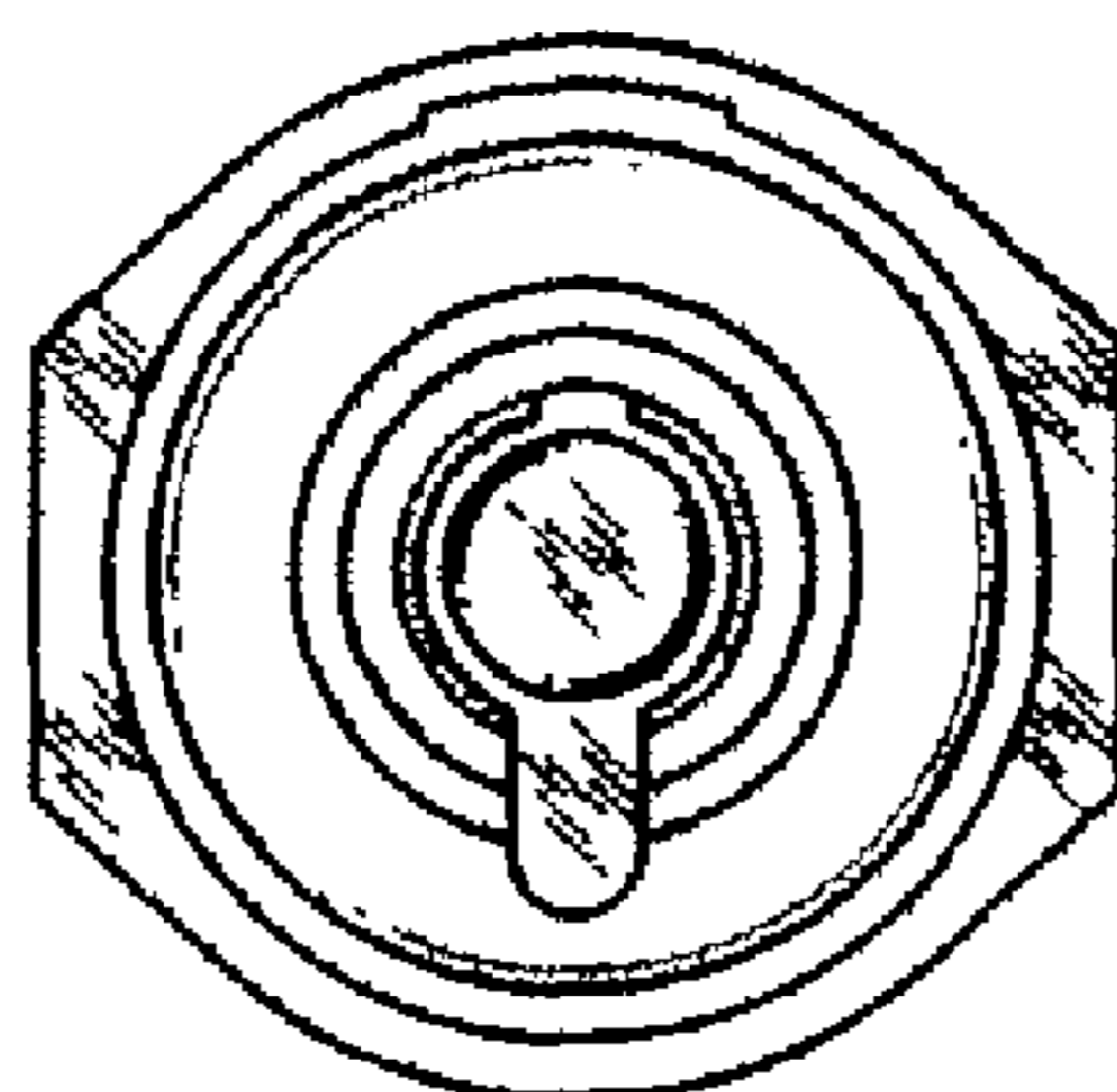
**FIG.3**



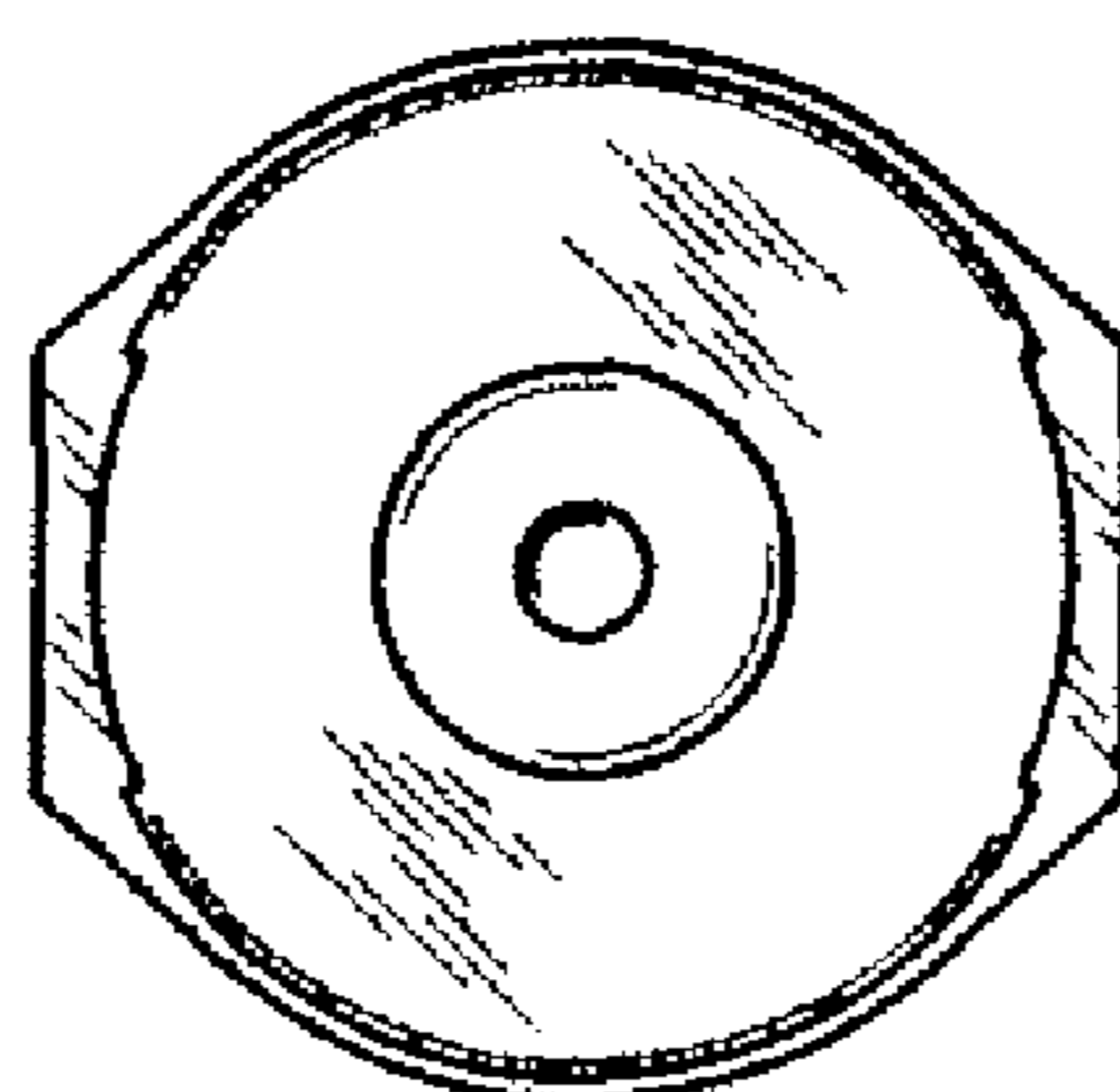
**FIG.4**



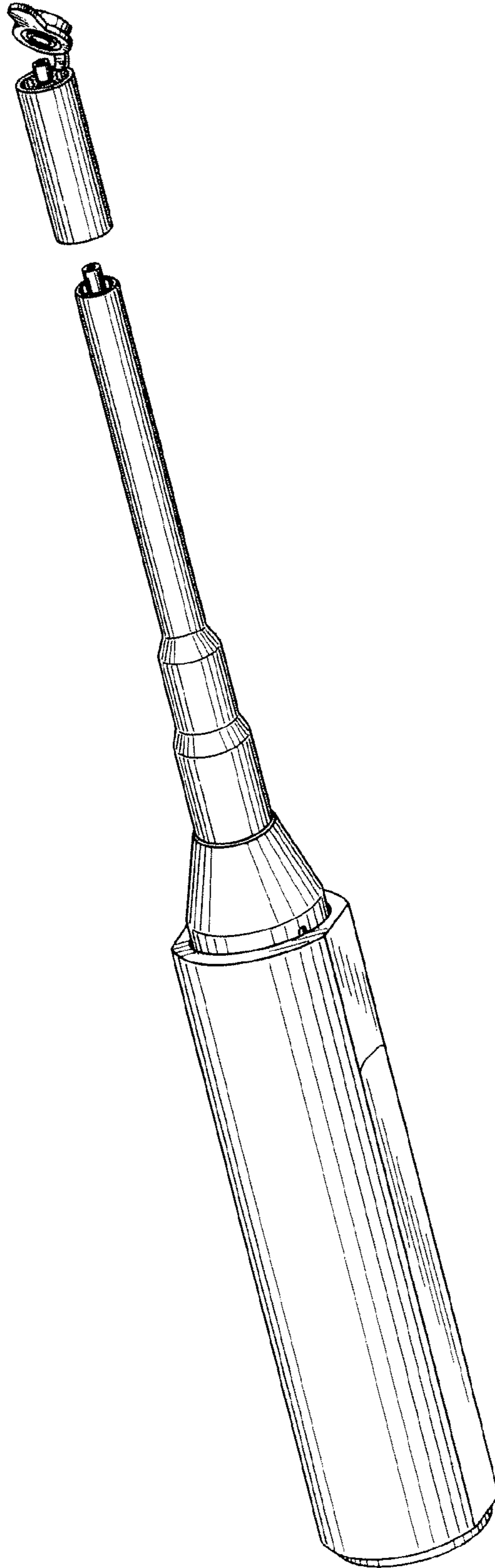
**FIG.5**



**FIG.6**



**FIG.7**



**FIG.8**

