



US00D481358S

(12) **United States Design Patent**  
**Hsiao**

(10) **Patent No.:** **US D481,358 S**

(45) **Date of Patent:** **\*\* Oct. 28, 2003**

(54) **JOINT CONNECTOR FOR AUTOMOBILE  
BATTERY CHARGING CORD**

D455,712 S \* 4/2002 Hsiao ..... D13/144  
D469,400 S \* 1/2003 Shor ..... D13/107

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\* cited by examiner

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(TW)**

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

(57) **CLAIM**

(21) **Appl. No.:** **29/173,989**

The ornamental design for a joint connector for automobile battery charging cord, as shown and described.

(22) **Filed:** **Jan. 10, 2003**

**DESCRIPTION**

(51) **LOC (7) Cl.** ..... **13-03**

(52) **U.S. Cl.** ..... **D13/144**

(58) **Field of Search** ..... D13/144, 107;  
439/638, 668

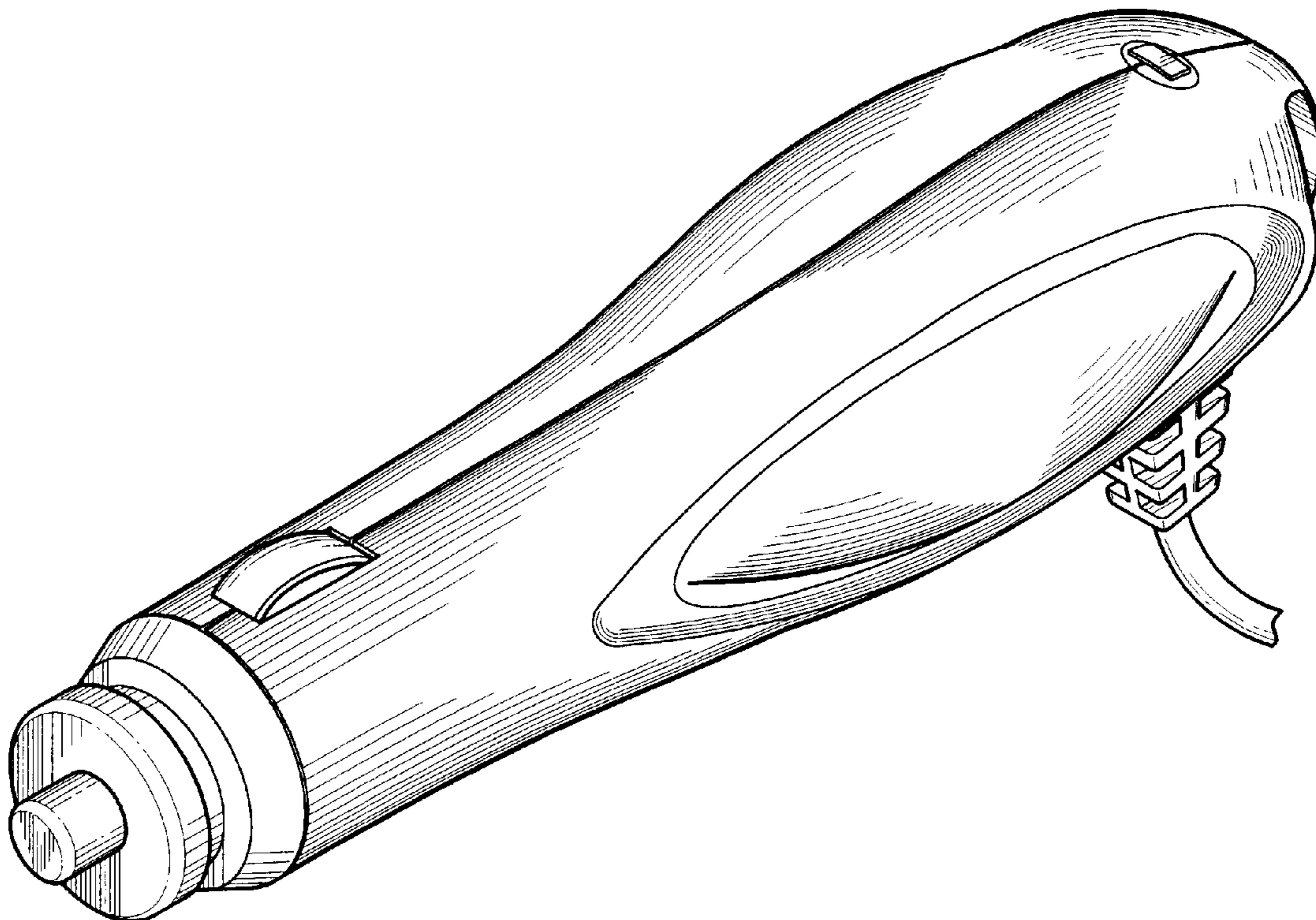
FIG. 1 is a perspective view of a joint connector for automobile battery charging cord showing my design;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a rear elevation view thereof;  
FIG. 4 is a left side elevation view thereof;  
FIG. 5 is a right side elevation view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D403,663 S \* 1/1999 Jones et al. .... D13/144

**1 Claim, 4 Drawing Sheets**



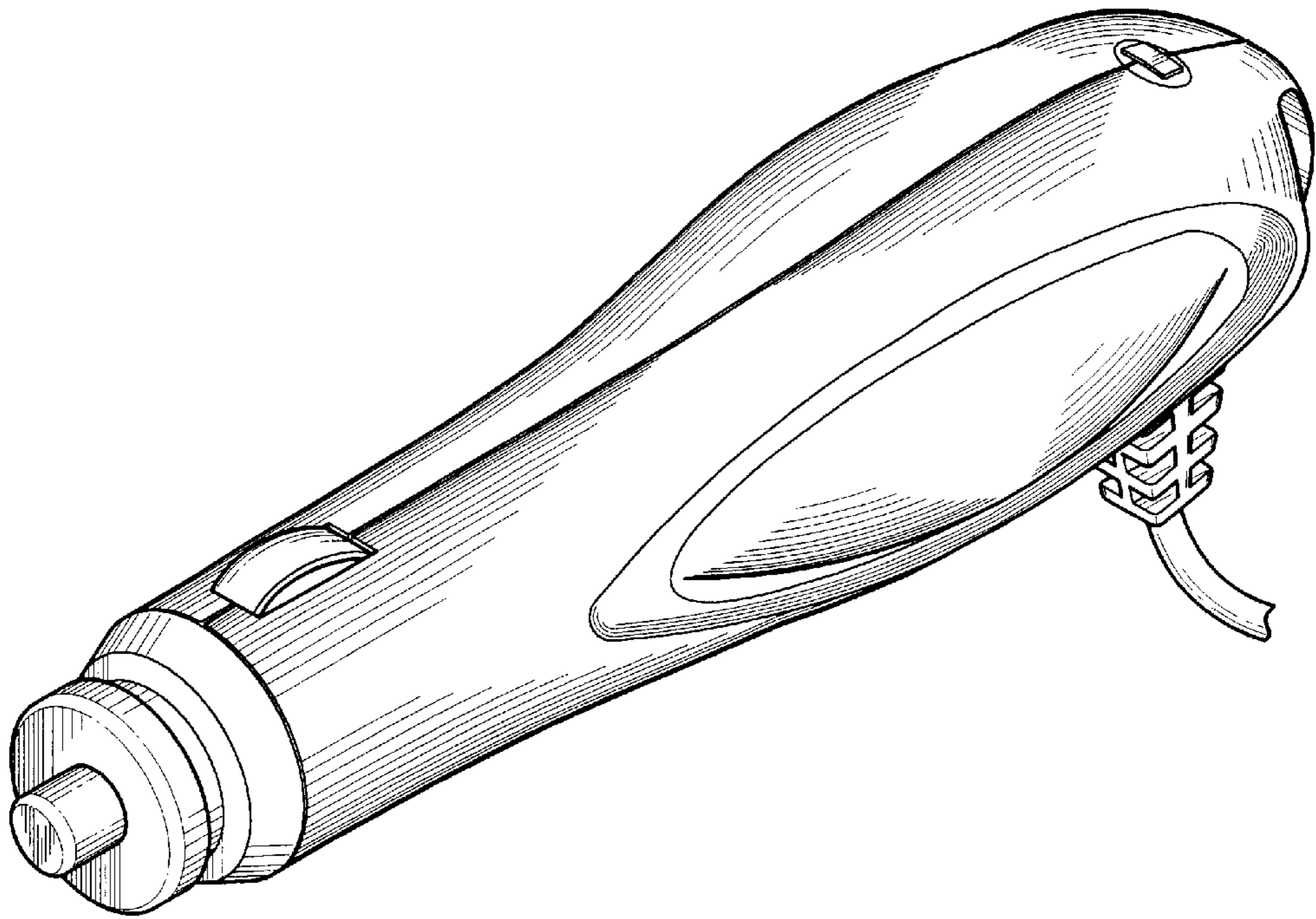


FIG.1

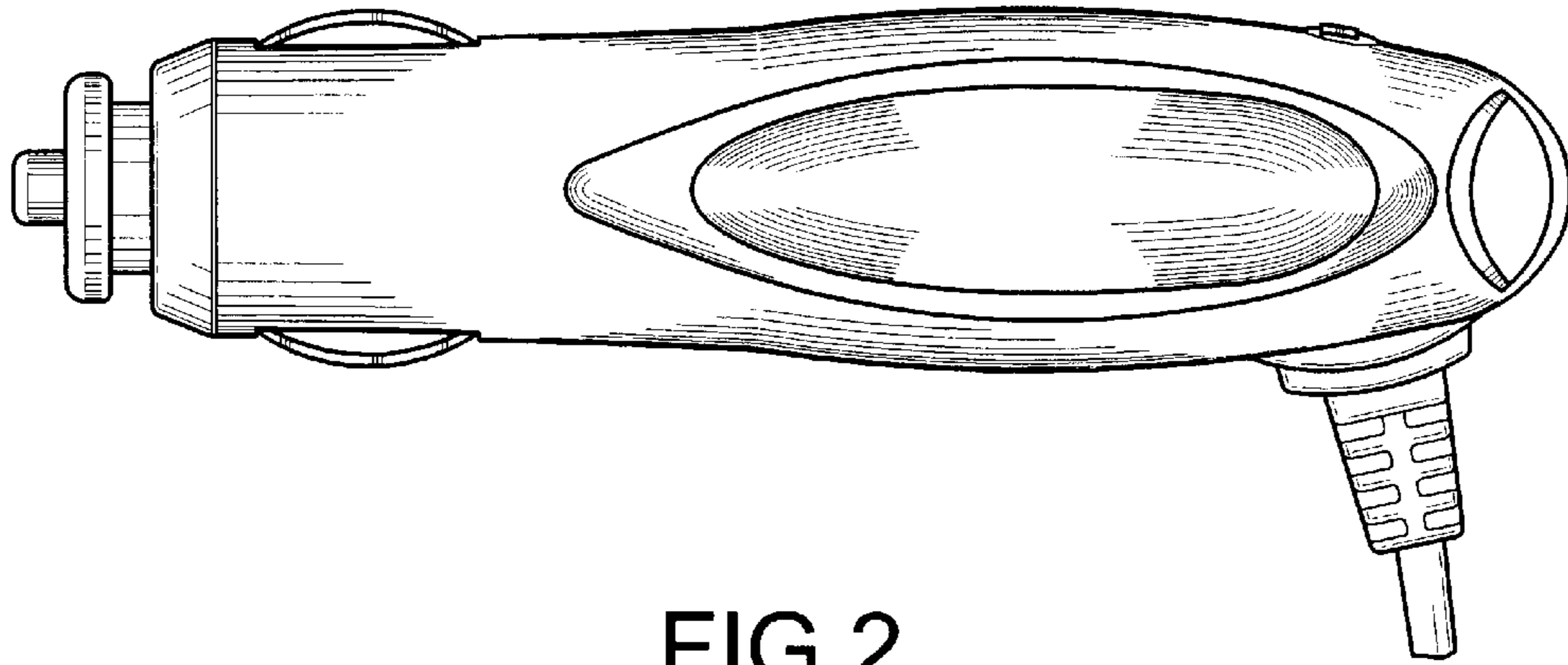


FIG. 2



FIG. 3

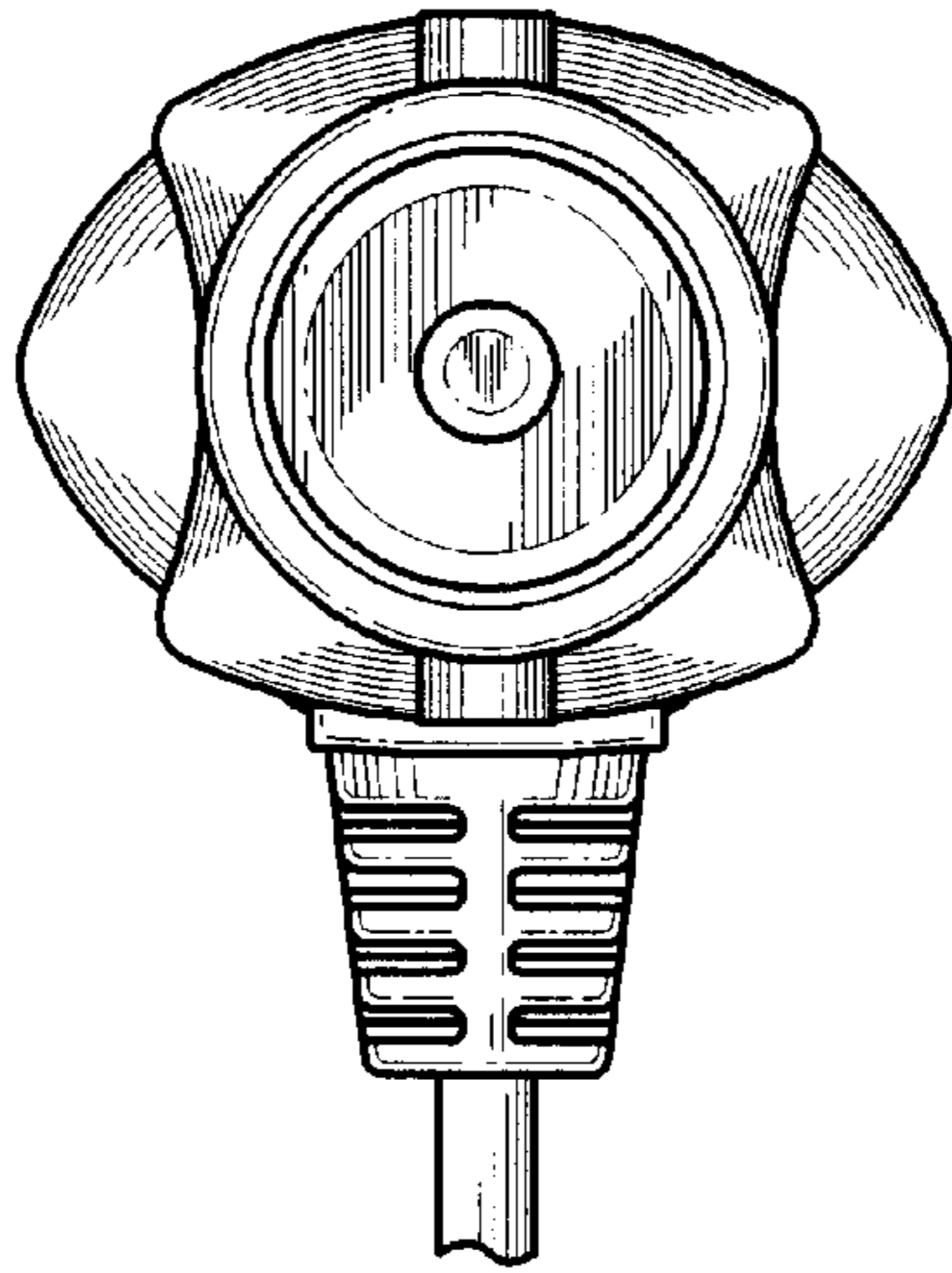


FIG. 4

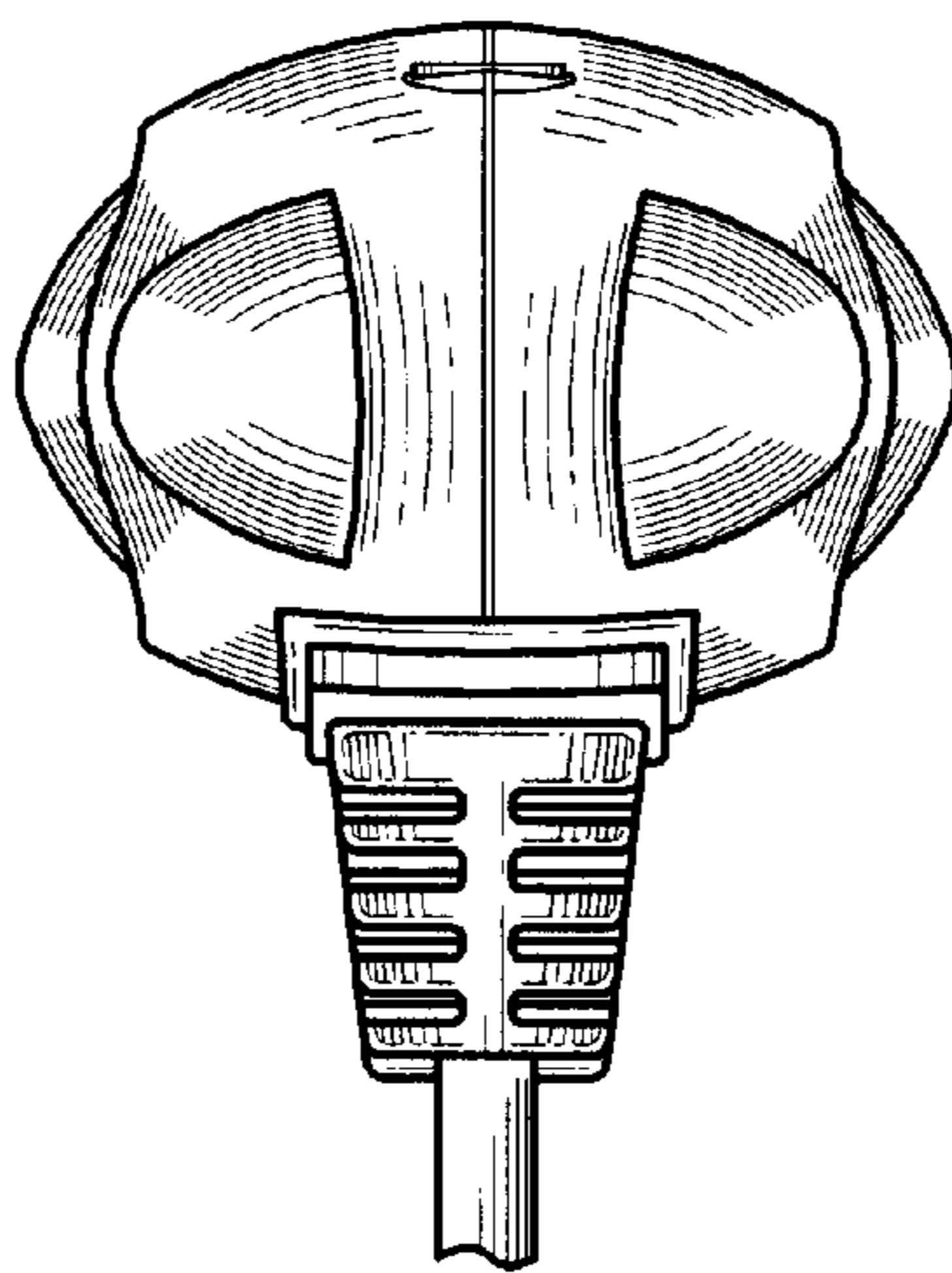


FIG. 5

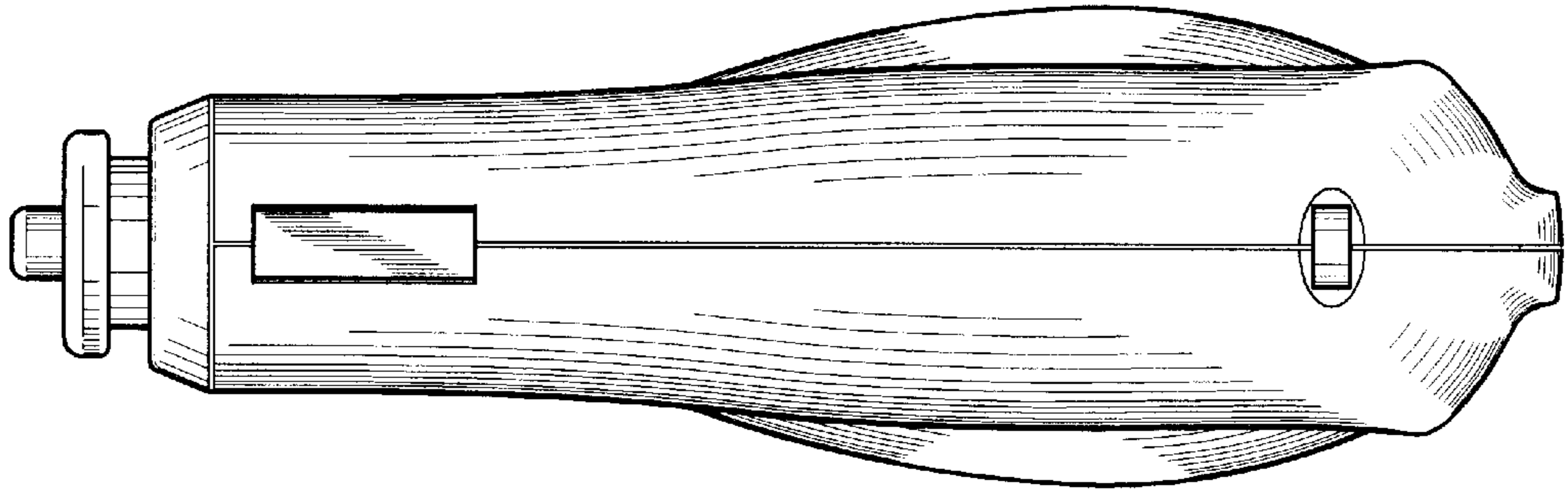


FIG. 6

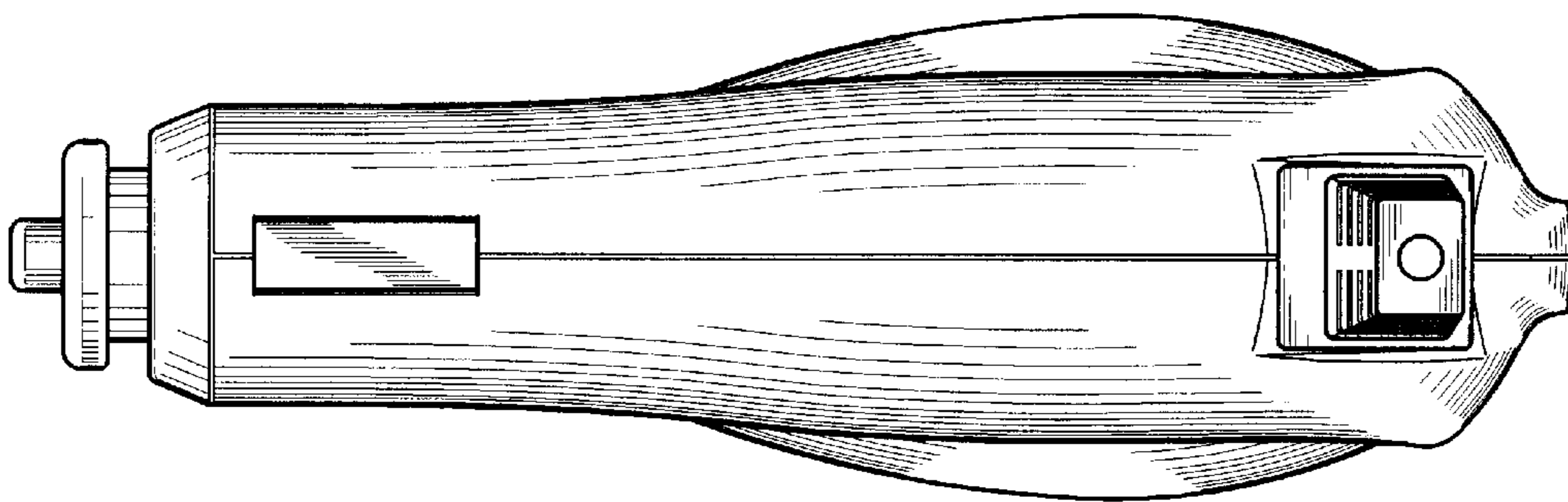


FIG. 7