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

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(45) **Date of Patent: \*\* Jul. 27, 2004**

(54) **LANCING DEVICE**  
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5,613,978 A 3/1997 Harding  
D379,516 S 5/1997 Rutter  
5,628,765 A 5/1997 Morita  
5,666,966 A 9/1997 Horie et al.  
5,730,753 A 3/1998 Morita  
5,741,288 A 4/1998 Rife  
5,857,983 A 1/1999 Douglas et al.

(73) Assignee: **Facet Technologies, LLC**, Marietta, GA (US)

(List continued on next page.)

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

**FOREIGN PATENT DOCUMENTS**

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EP 0449525 A1 10/1991  
EP 0595148 A1 5/1994  
EP 0894471 A2 2/1999  
WO WO 97/42886 11/1997  
WO WO 02/36010 A1 5/2002  
WO WO 02/43591 A2 6/2002

(51) **LOC (7) Cl.** ..... **24-02**

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(58) **Field of Search** ..... D24/146, 147,  
D24/133, 114; 606/181, 182, 184, 185;  
600/583, 573

**OTHER PUBLICATIONS**

Bayer, "Microlet" lancing device; 2 pgs.  
Bayer, "Vaculance" lancing device; 1 pg.  
Bechton-Dickinson, "Autolance" lancing device; 2 pgs.  
Lifescan/Johnson & Johnson, "Penlet Plus" lancing device; 2 pgs.  
Roche, "Soft Touch II" lancing device; 1 pg.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,135,465 A 4/1915 Pollock  
4,360,016 A 11/1982 Sarrine  
4,388,925 A 6/1983 Burns  
4,416,279 A 11/1983 Lindner et al.  
4,503,856 A 3/1985 Cornell et al.  
4,517,978 A 5/1985 Levin et al.  
4,627,445 A 12/1986 Garcia et al.  
4,858,607 A 8/1989 Jordan et al.  
4,895,147 A \* 1/1990 Bodicky et al. .... 606/182  
4,924,879 A 5/1990 O'Brien  
4,976,724 A 12/1990 Nieto et al.  
5,279,294 A 1/1994 Anderson et al.  
5,304,193 A 4/1994 Zhadanov  
5,324,303 A 6/1994 Strong et al.  
5,356,420 A 10/1994 Czernecki et al.  
5,368,047 A 11/1994 Suzuki et al.  
5,454,828 A 10/1995 Schraga  
5,464,418 A 11/1995 Schraga  
D369,864 S 5/1996 Petersen  
5,554,166 A 9/1996 Lange et al.  
5,569,287 A 10/1996 Tezuka et al.

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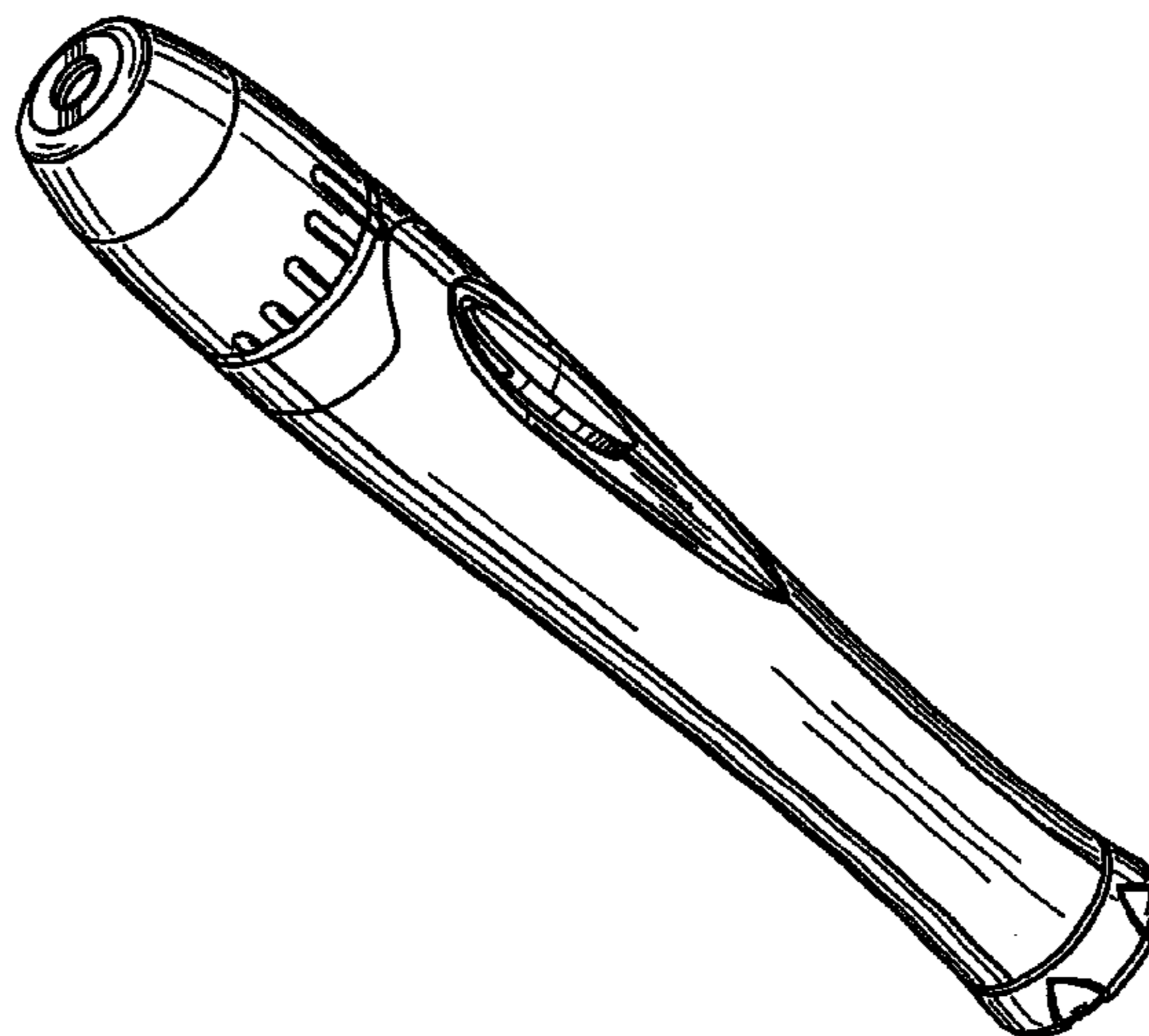
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a lancing device according to a preferred form of the present design.  
FIG. 2 is a top view of the lancing device of FIG. 1.  
FIG. 3 is a bottom view of the lancing device of FIG. 1.  
FIG. 4 is a first side view of the lancing device of FIG. 1.  
FIG. 5 is a second side view of a lancing device of FIG. 1.  
FIG. 6 is first end view of the lancing device of FIG. 1; and,  
FIG. 7 is a second end view of the lancing device of FIG. 1.

**1 Claim, 2 Drawing Sheets**



# US D493,532 S

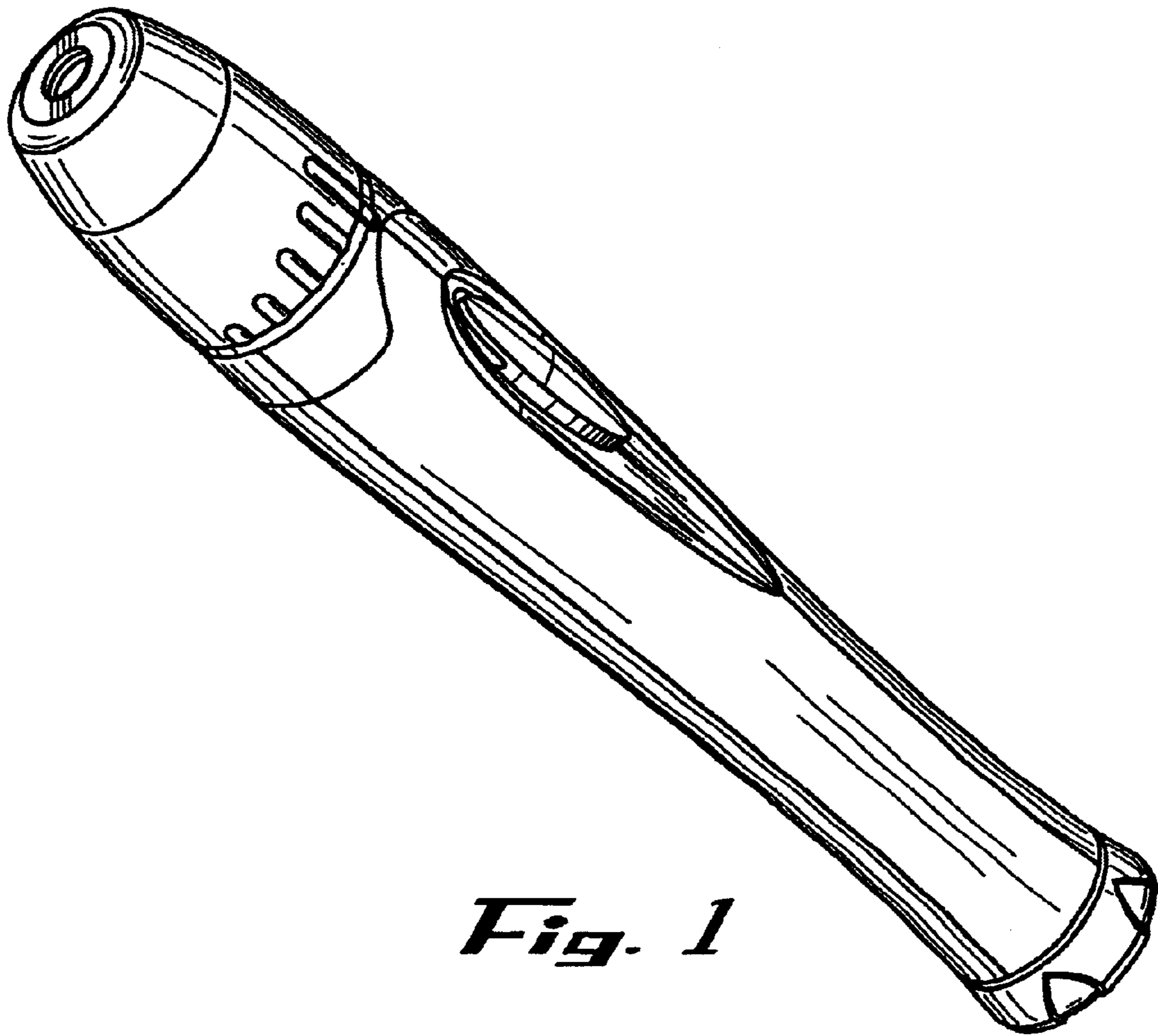
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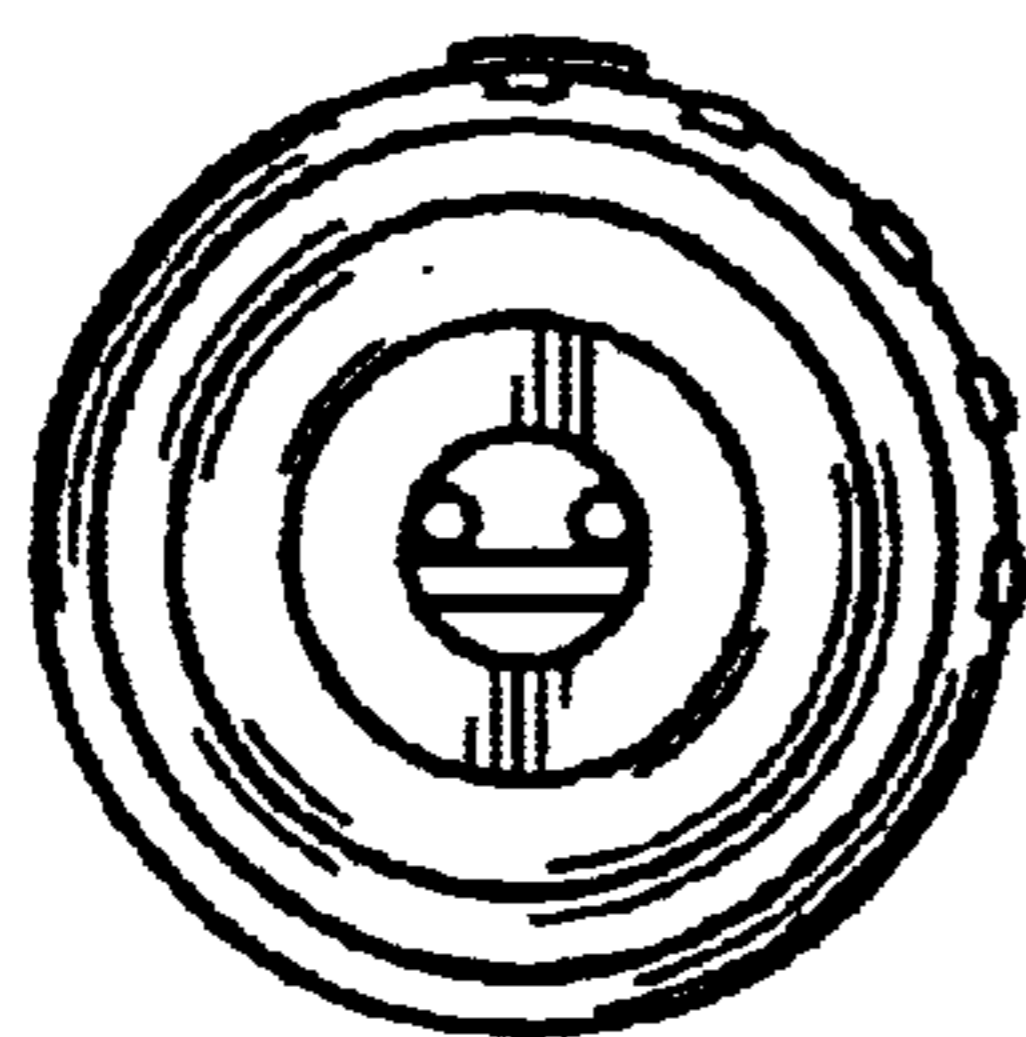
## U.S. PATENT DOCUMENTS

|             |         |                  |                 |           |               |               |
|-------------|---------|------------------|-----------------|-----------|---------------|---------------|
| 5,868,772 A | 2/1999  | LeVaughn et al.  | 6,022,366 A     | 2/2000    | Schraga       |               |
| 5,872,713 A | 2/1999  | Douglas et al.   | 6,027,459 A     | 2/2000    | Shain et al.  |               |
| 5,879,311 A | 3/1999  | Duchon et al.    | 6,045,567 A     | 4/2000    | Taylor et al. |               |
| 5,916,230 A | 6/1999  | Brenneman et al. | D428,150 S      | * 7/2000  | Ruf et al.    | ..... D24/146 |
| 5,951,492 A | 9/1999  | Douglas et al.   | 6,156,051 A     | 12/2000   | Schraga       |               |
| 5,951,582 A | 9/1999  | Thorne et al.    | 6,530,937 B1    | * 3/2003  | Schraga       | ..... 606/182 |
| 5,954,738 A | 9/1999  | LeVaughn et al.  | 6,558,402 B1    | * 5/2003  | Chelak et al. | ..... 606/182 |
| 5,971,941 A | 10/1999 | Simons et al.    | 2003/0199892 A1 | * 10/2003 | Kim           | ..... 606/181 |

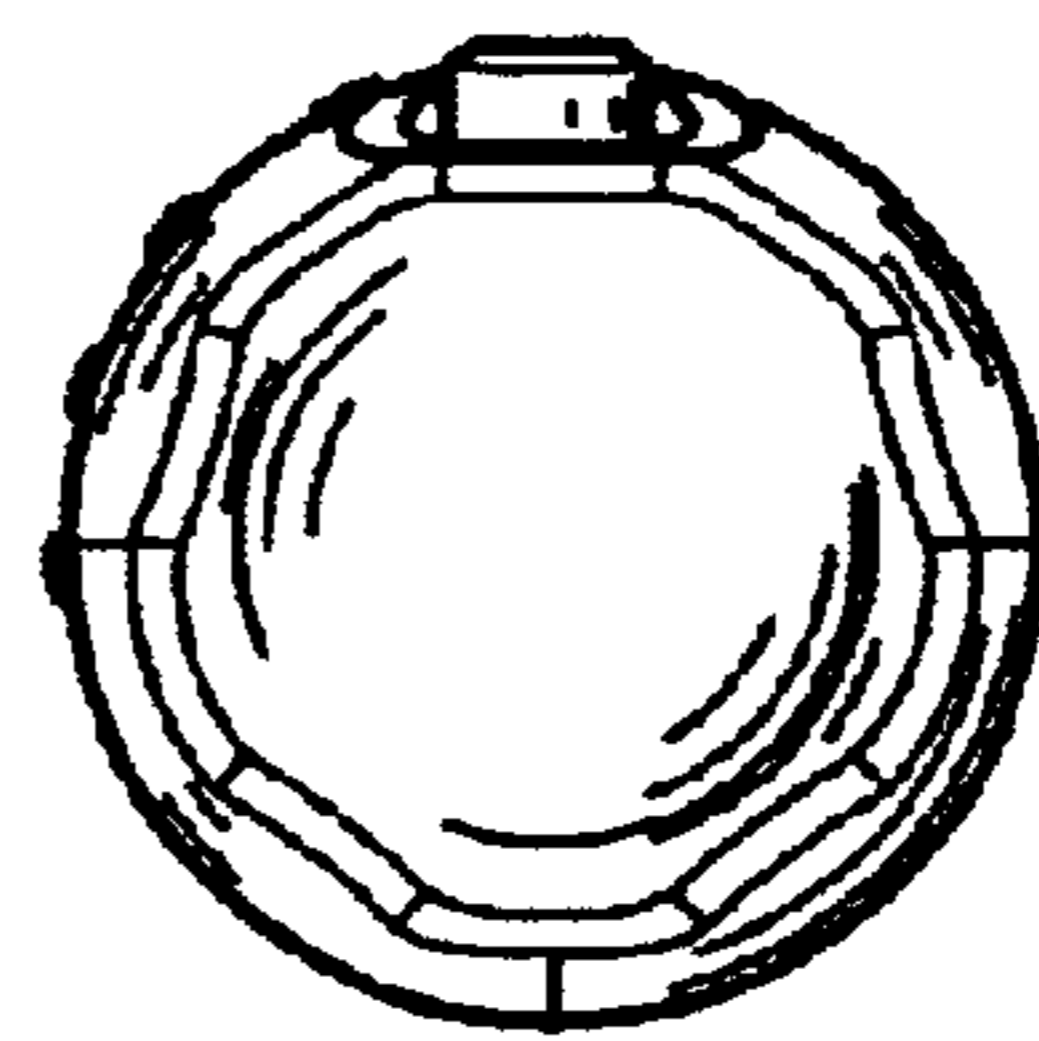
\* cited by examiner



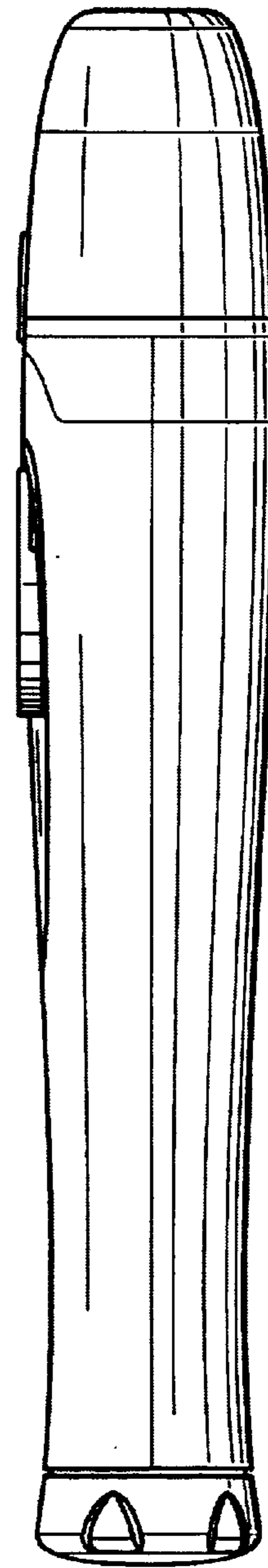
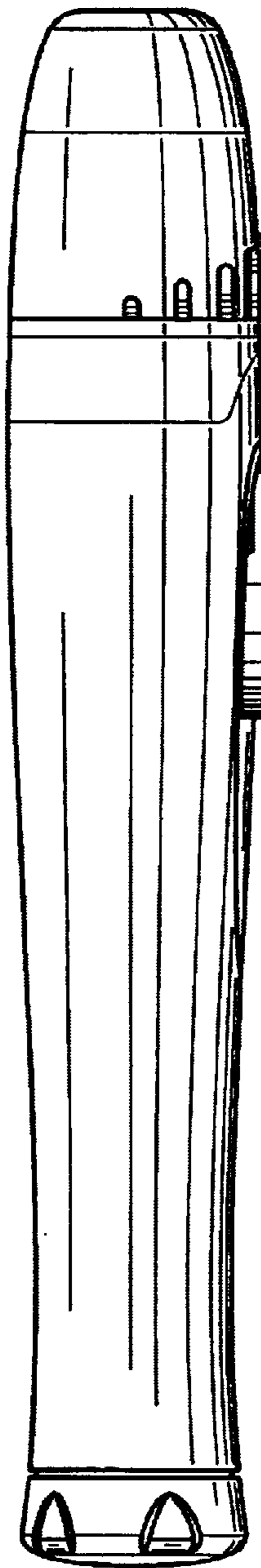
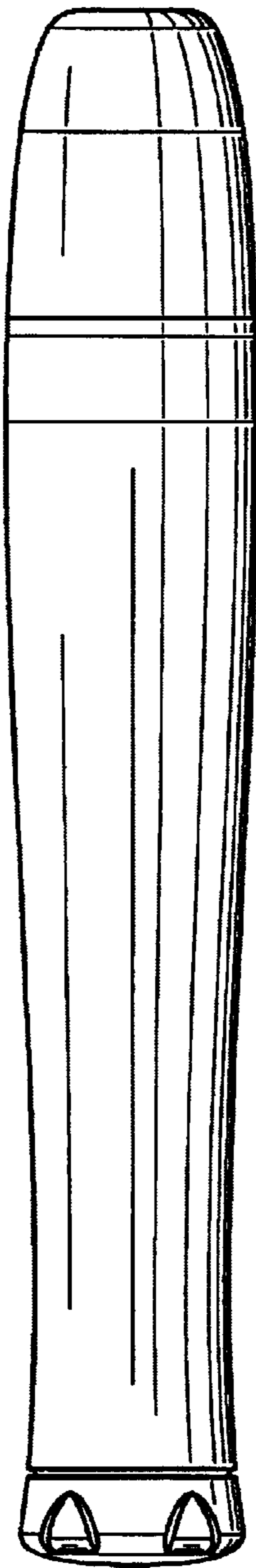
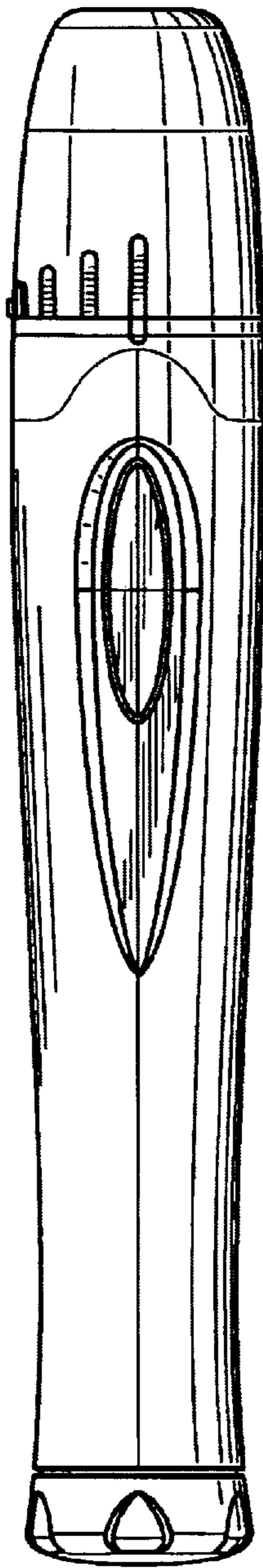
*Fig. 1*



*Fig. 6*



*Fig. 7*



*Fig. 2*

*Fig. 3*

*Fig. 4*

*Fig. 5*