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

(10) **Patent No.:** **US D483,915 S**

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(54) **BRUSH CLEANING UNIT**

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

(21) Appl. No.: **29/175,647**

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

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/144,600, filed on Jul. 9, 2001, now Pat. No. Des. 469,962.

(51) **LOC (7) Cl.** **08-99**

(52) **U.S. Cl.** **D32/35; D27/194**

(58) **Field of Search** D32/35, 45; D27/141-143, D27/154, 194, 196; D28/48, 49; 131/184.1, 243-246; 134/184, 186, 196, 197, 194

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,421,971 A * 7/1922 McCarty 134/197
4,644,962 A * 2/1987 Chi

D343,697 S * 1/1994 Tanfoglio D27/154
5,787,539 A 8/1998 Nussbaum
5,915,432 A 6/1999 Trummer
D421,320 S * 2/2000 Coffin et al. D28/48
D421,666 S * 3/2000 Lyons et al. D28/48
6,116,247 A * 9/2000 Banyasz et al. 131/244
6,119,700 A * 9/2000 Fleischhauer et al. 131/243
6,125,866 A * 10/2000 Nichols et al. 134/196

* cited by examiner

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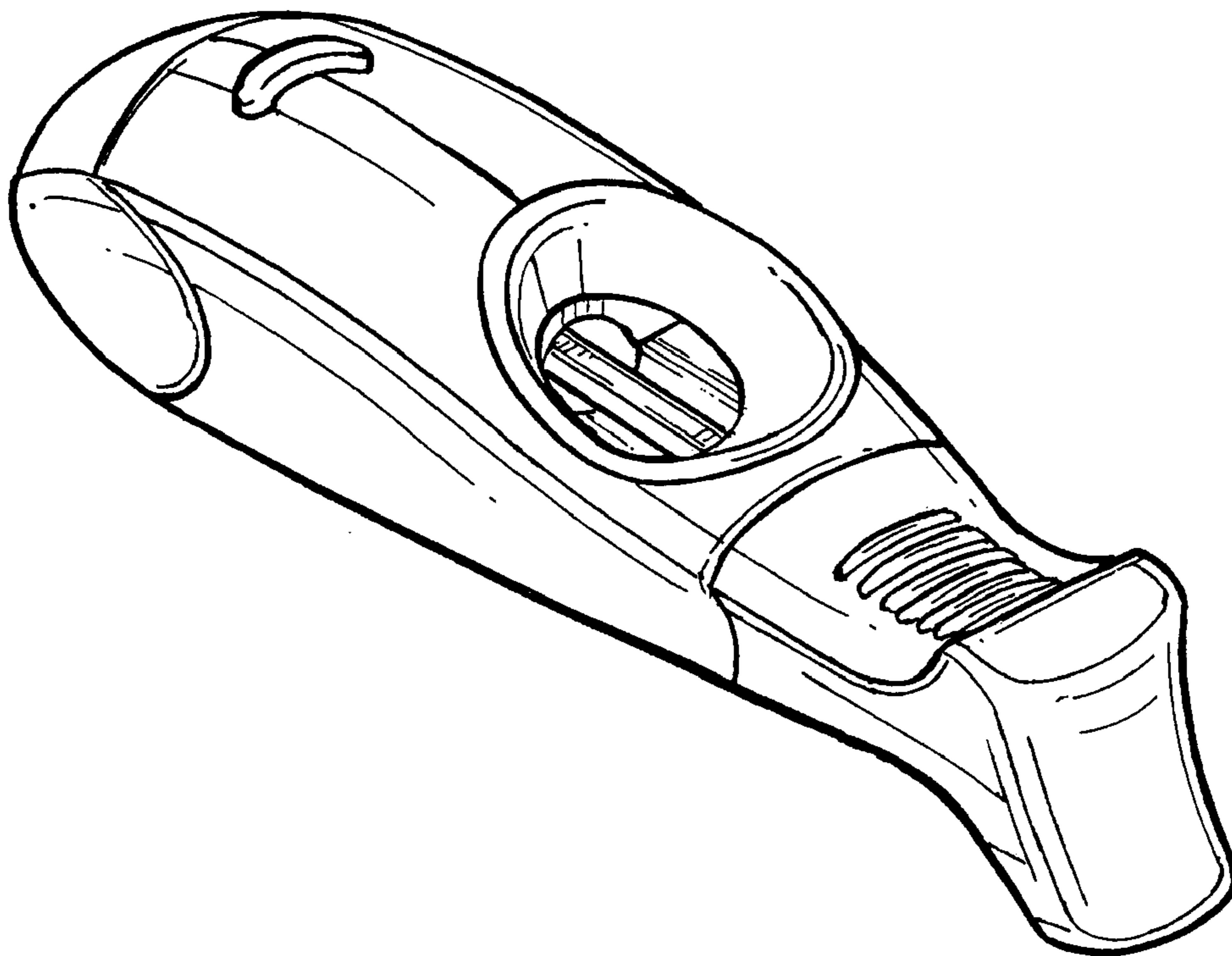
(57) **CLAIM**

The ornamental design for a brush cleaning unit, as shown and described.

DESCRIPTION

FIG. 1 is a front, top, side perspective view of a brush cleaning unit showing our new design;
FIG. 2 is a rear, top, side perspective view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a side elevational view thereof; the other side being a mirror image thereof;
FIG. 6 is a front elevational view thereof; and,
FIG. 7 is a rear elevational view thereof.

1 Claim, 2 Drawing Sheets



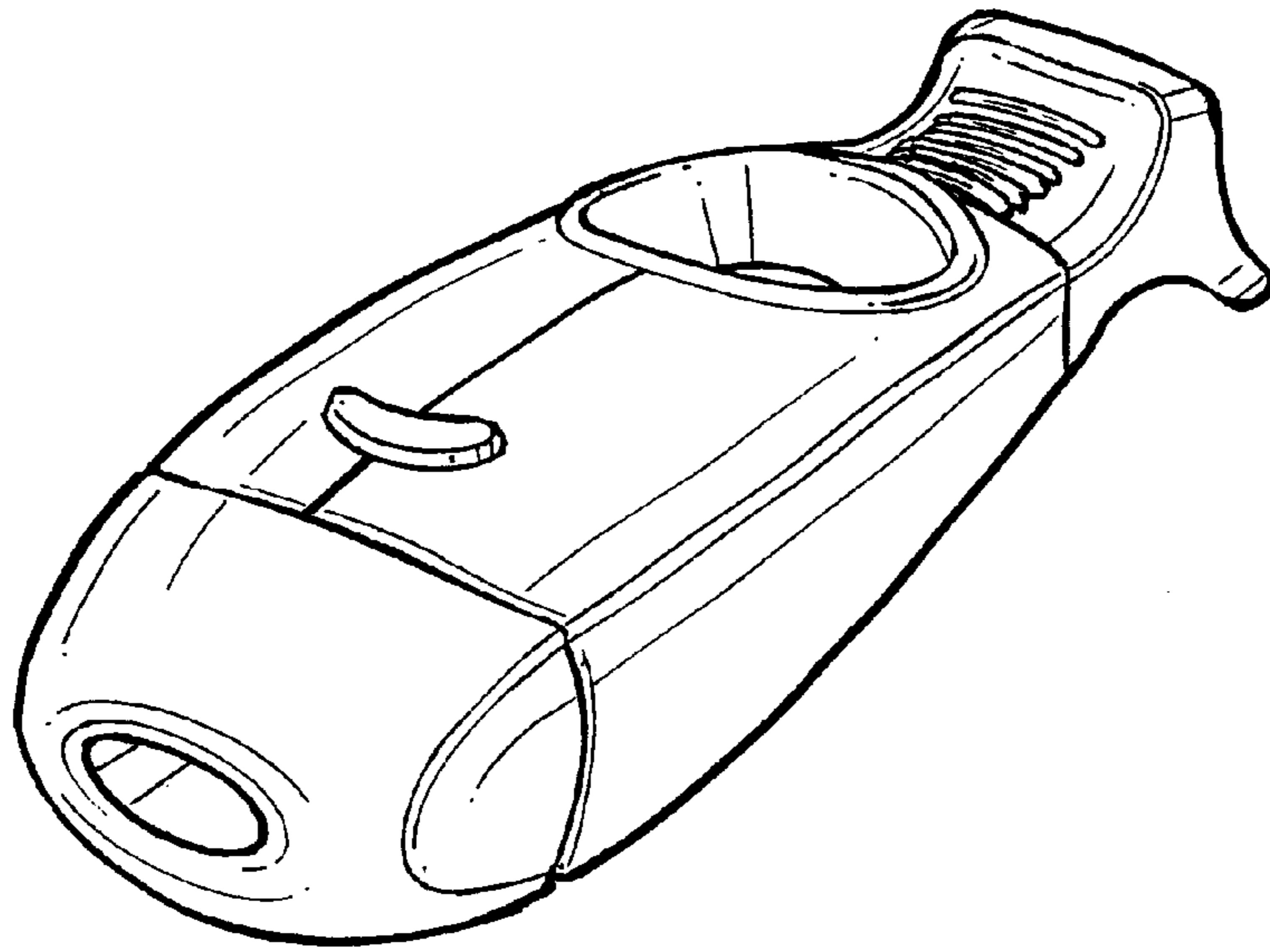


FIG. 1

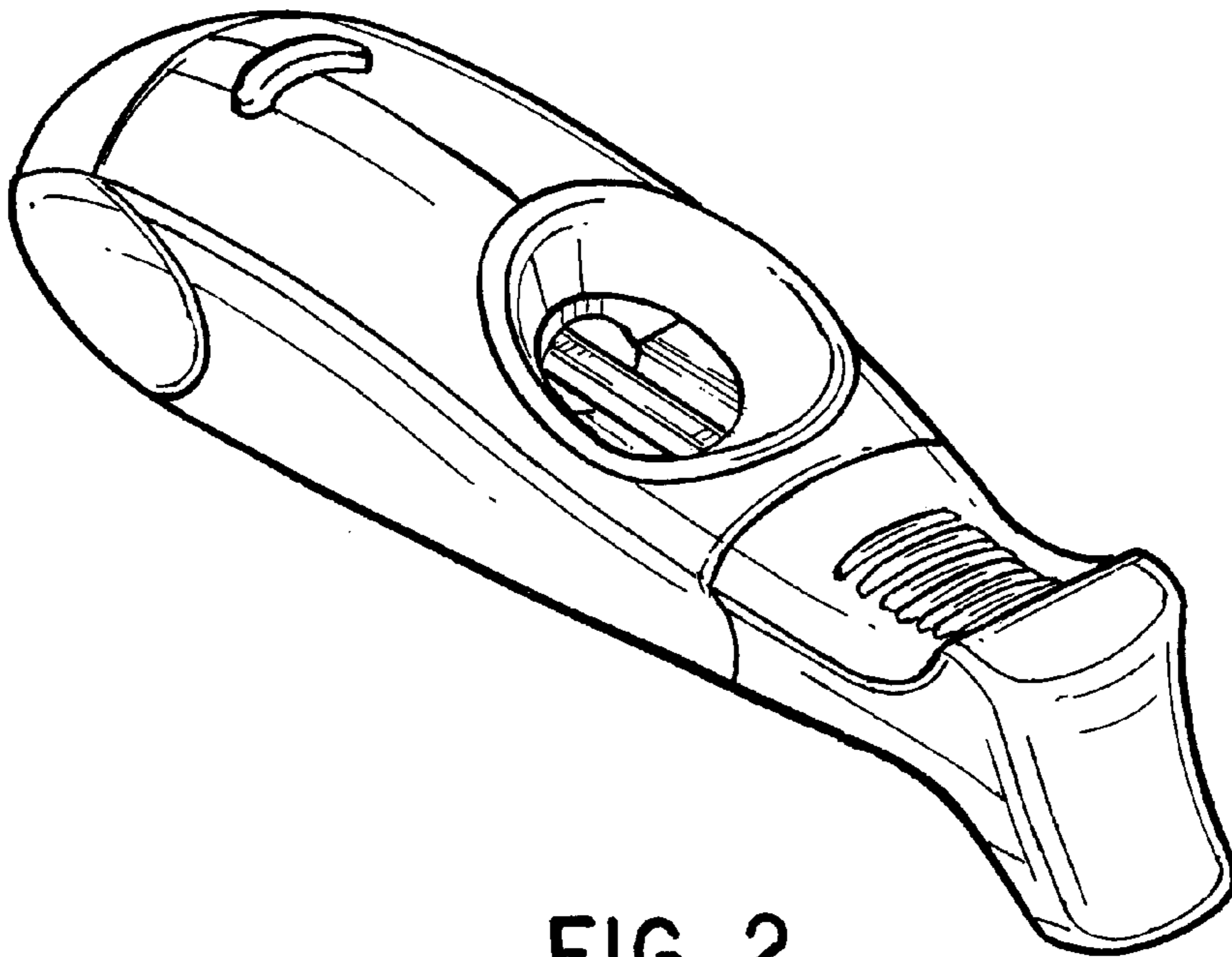


FIG. 2

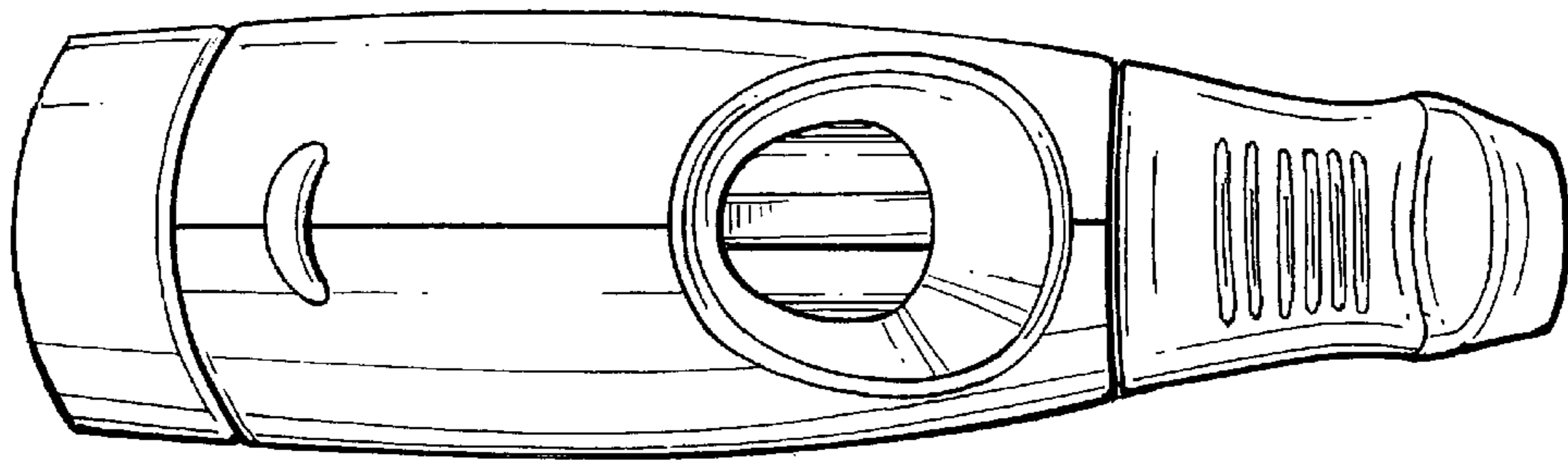


FIG. 3

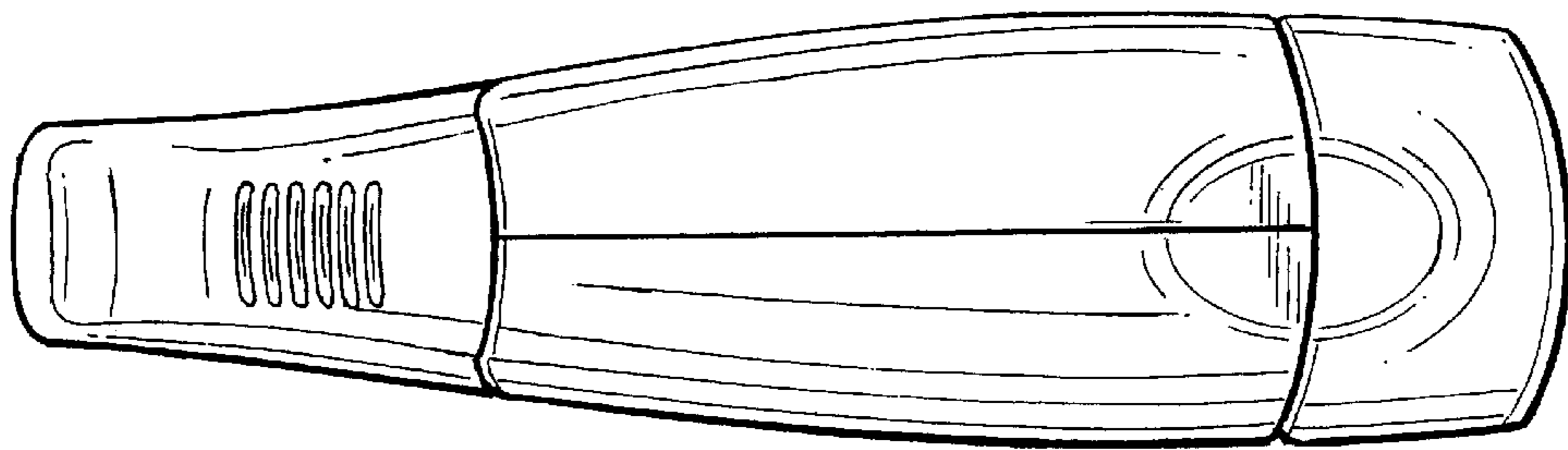


FIG. 4

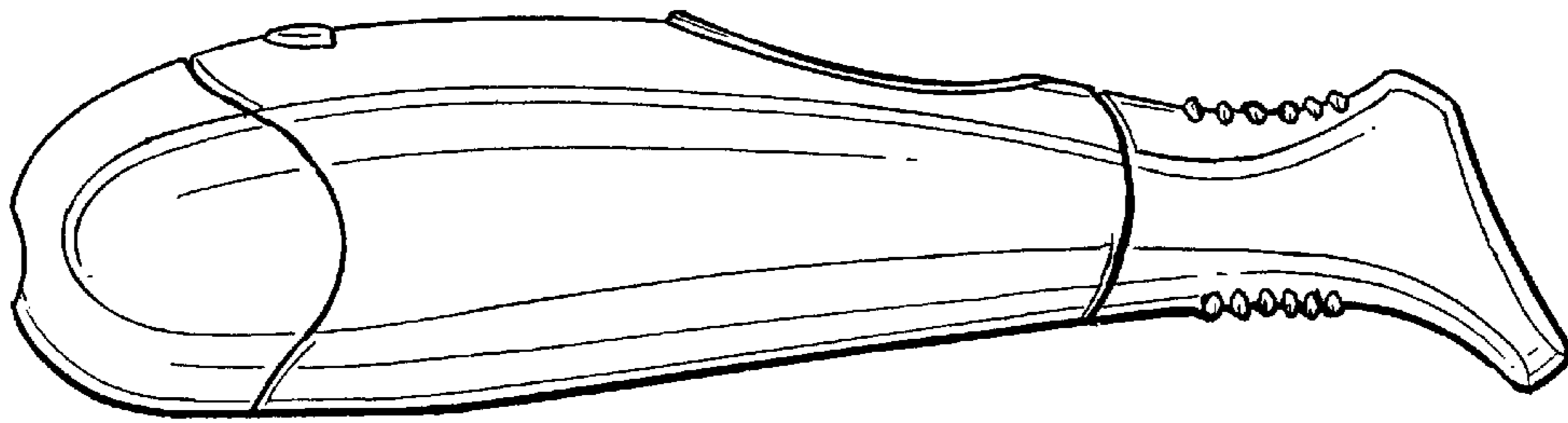


FIG. 5

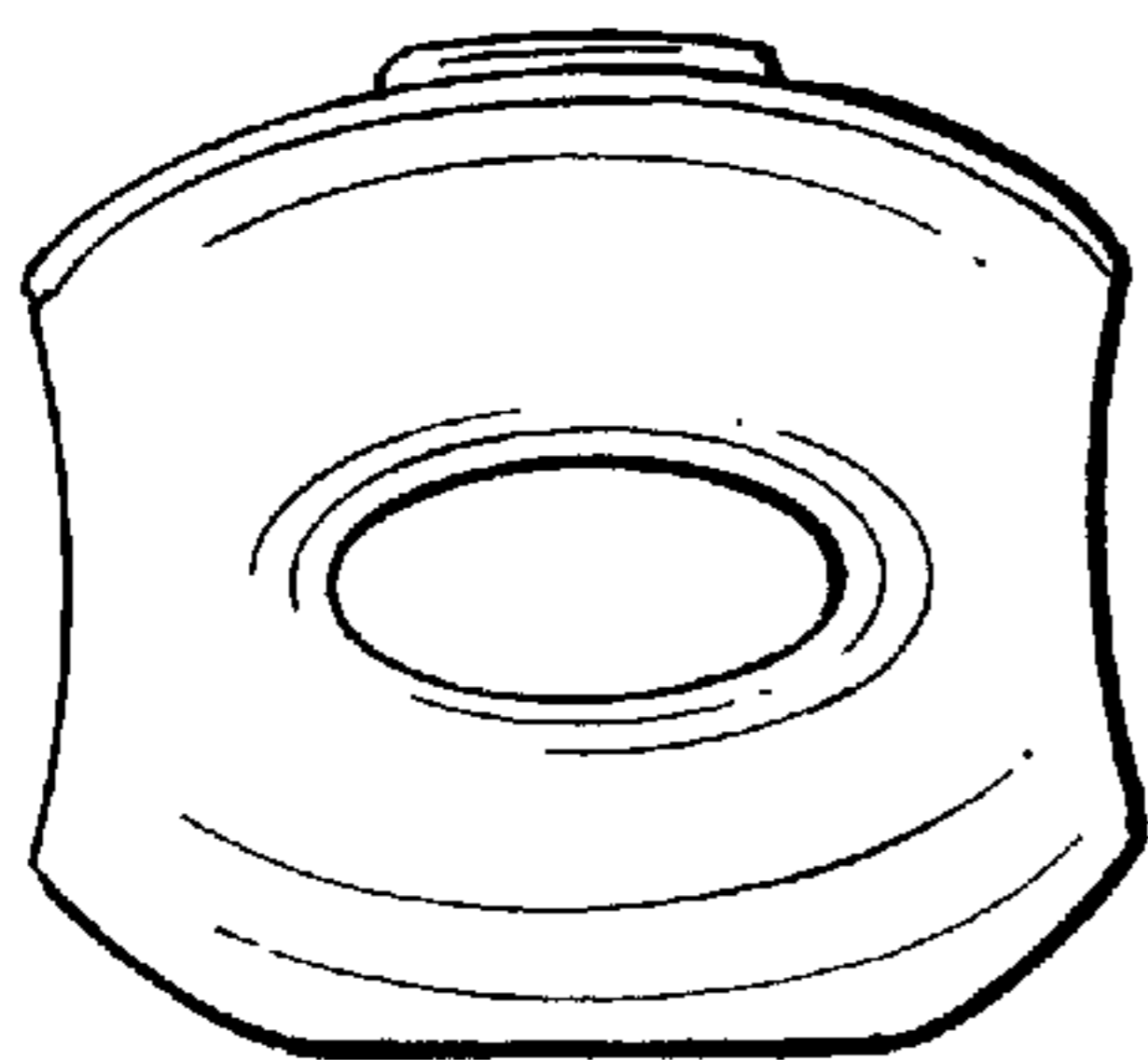


FIG. 6

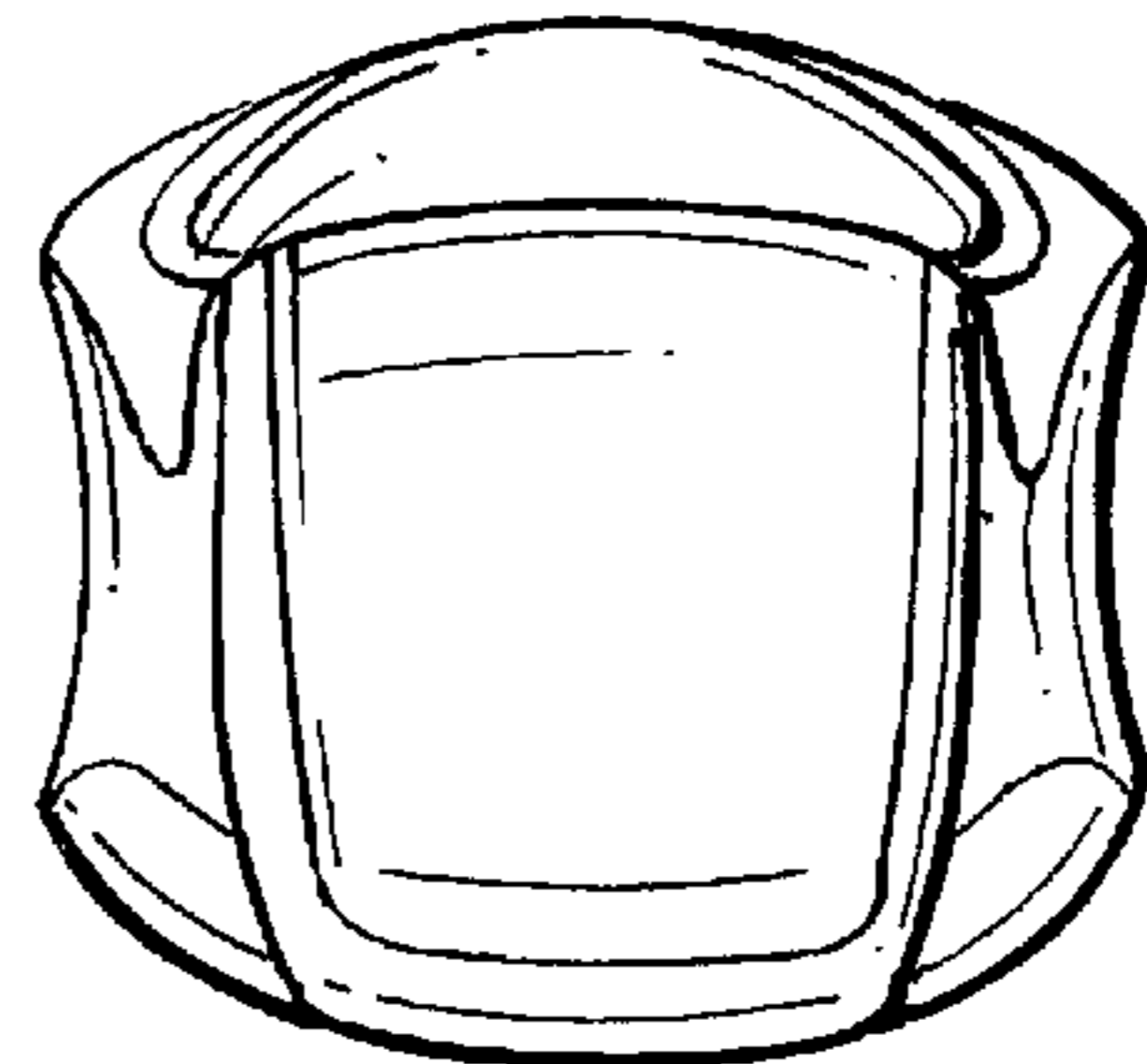


FIG. 7