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(12) **United States Design Patent** (10) **Patent No.:** **US D531,472 S**
Schiller et al. (45) **Date of Patent:** **** Nov. 7, 2006**

(54) **DIE GRINDER**

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

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(51) **LOC (8) Cl.** **08-04**

(52) **U.S. Cl.** **D8/61**

(58) **Field of Classification Search** D8/61,
D8/62, 68, 70, 83, 107; 81/57.11, 57.13,
81/57.14, 57.26, 57.29, 57.39, 57.42, 63.1,
81/429, 464, 467, 469, 470, 473; 173/168,
173/169, 170, 176, 177, 178, 181, 216, 217;
73/862.21; 310/50

See application file for complete search history.

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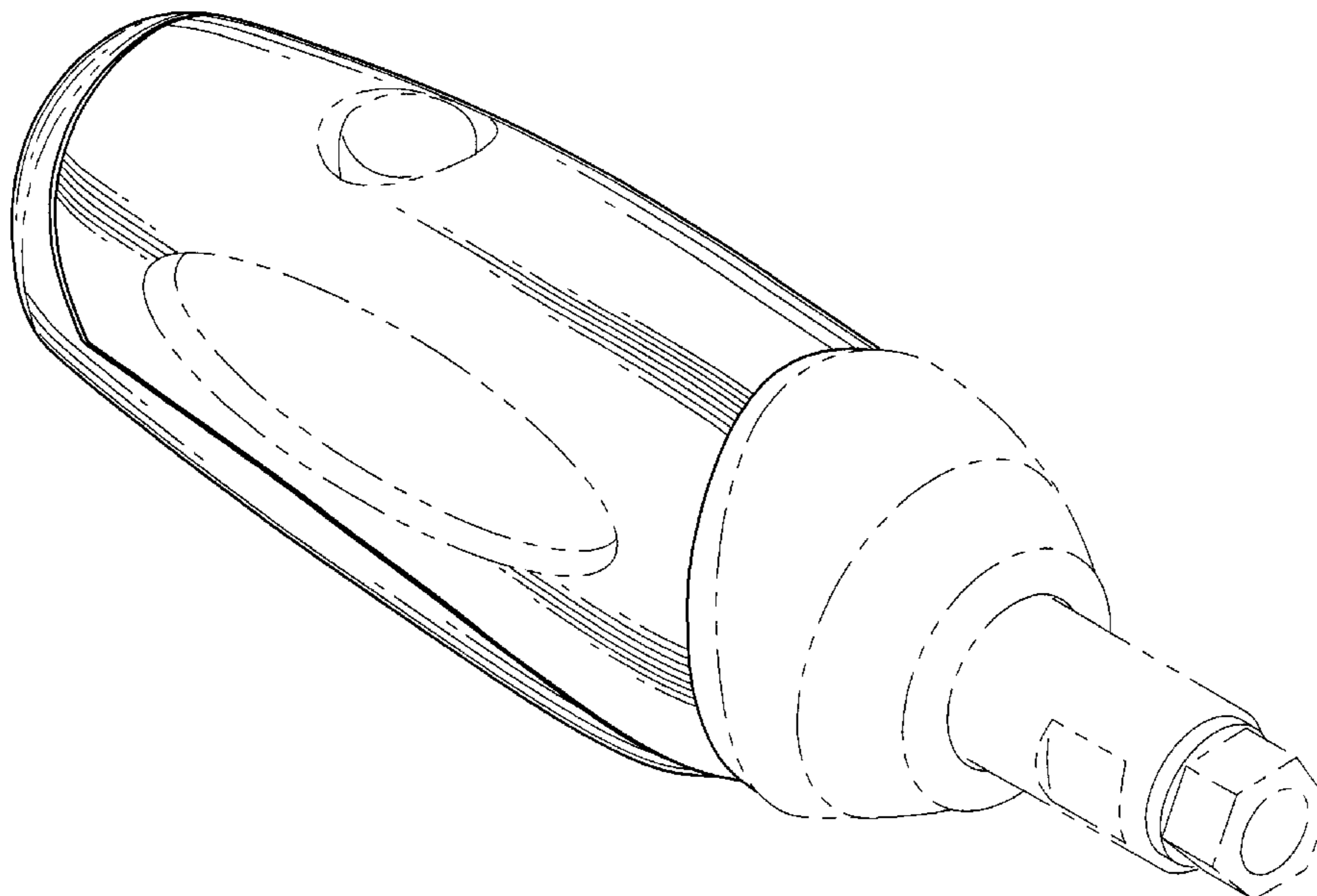
(57) **CLAIM**

The ornamental design for a die grinder, as shown and described.

DESCRIPTION

FIG. 1 is a top, right front perspective view of a die grinder of the present invention;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a top view thereof;
FIG. 6 is a left side view thereof; and,
FIG. 7 is a bottom view thereof.
The broken line showing is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 3 Drawing Sheets



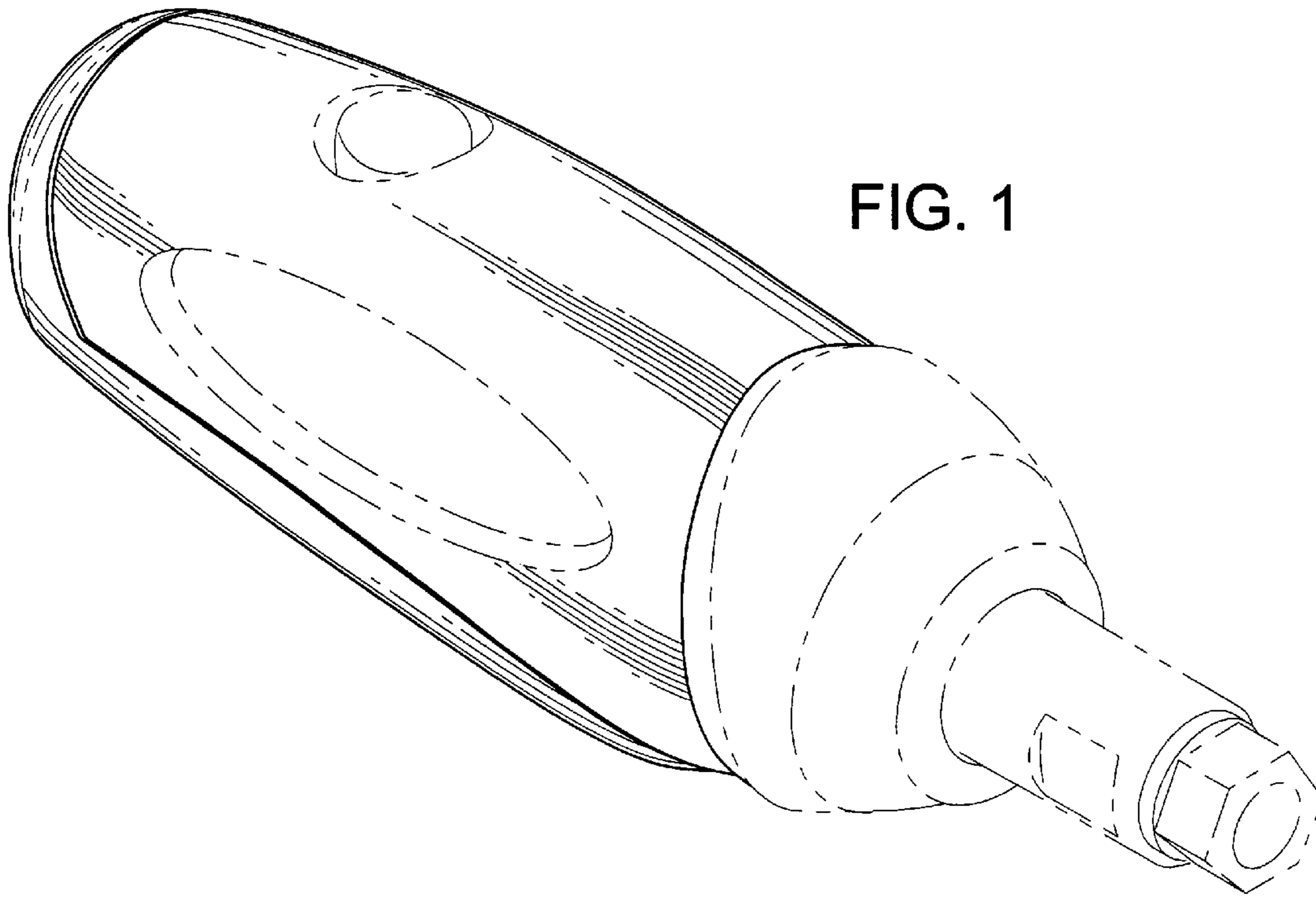


FIG. 1

FIG. 2

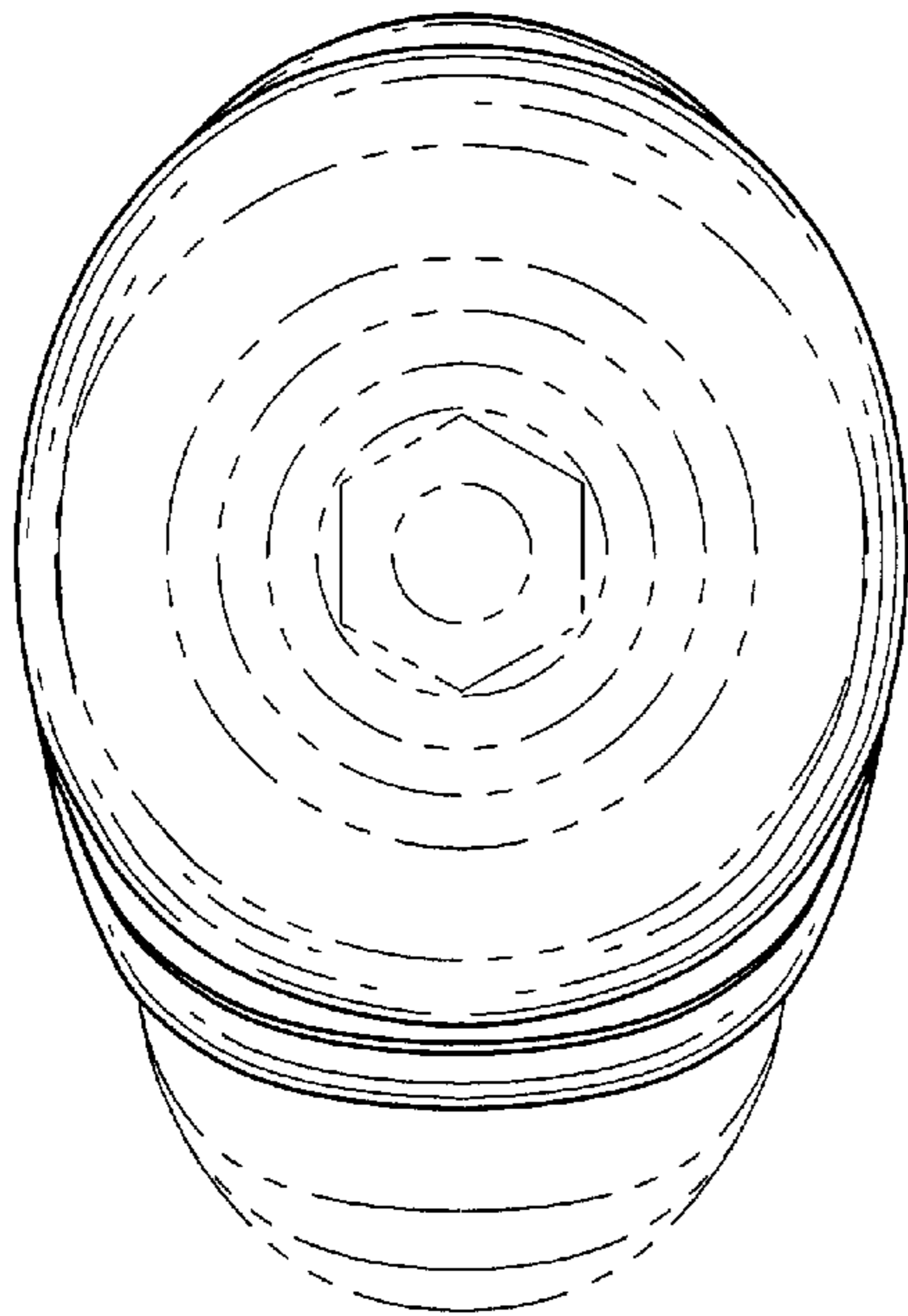


FIG. 3

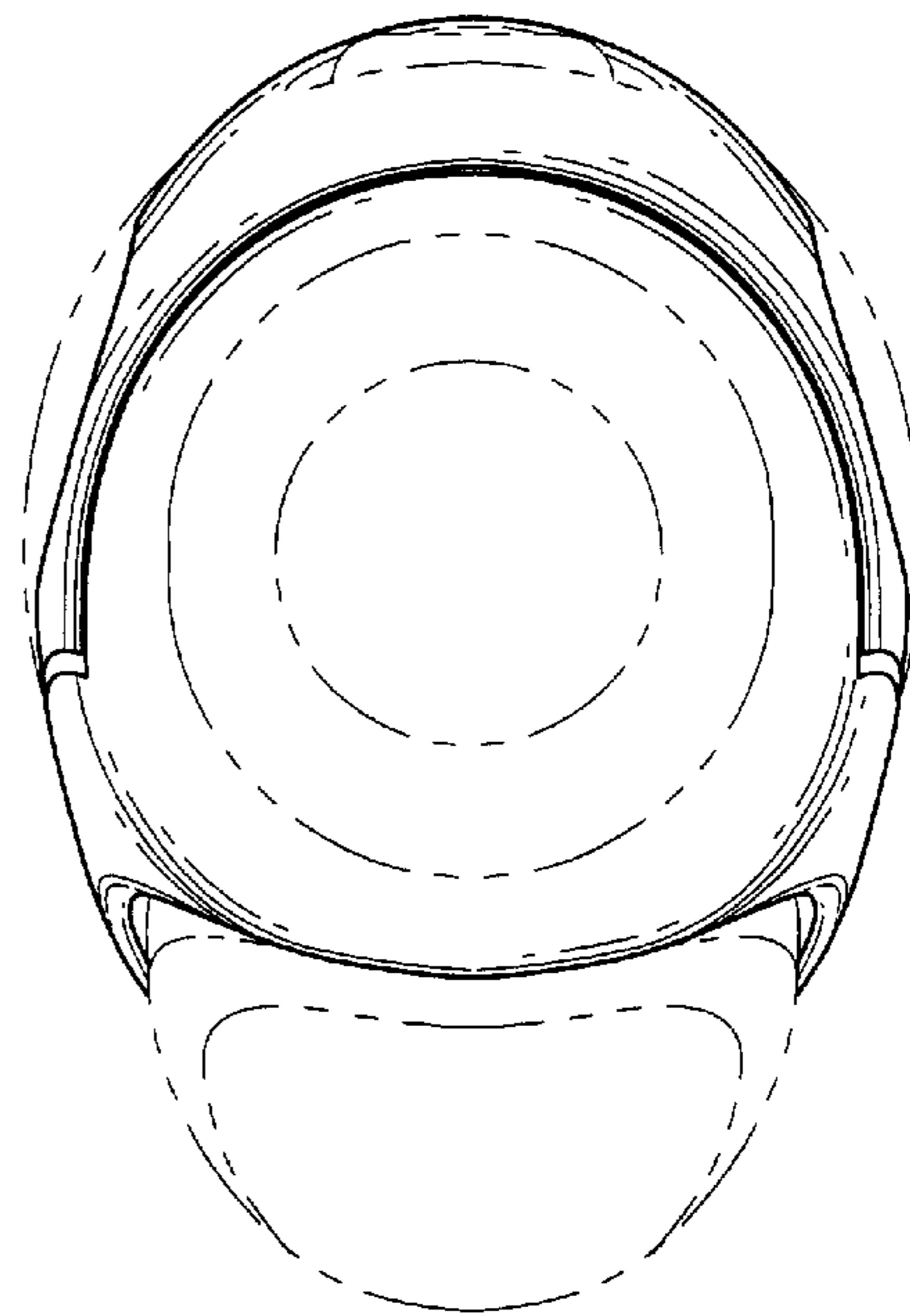


FIG. 4

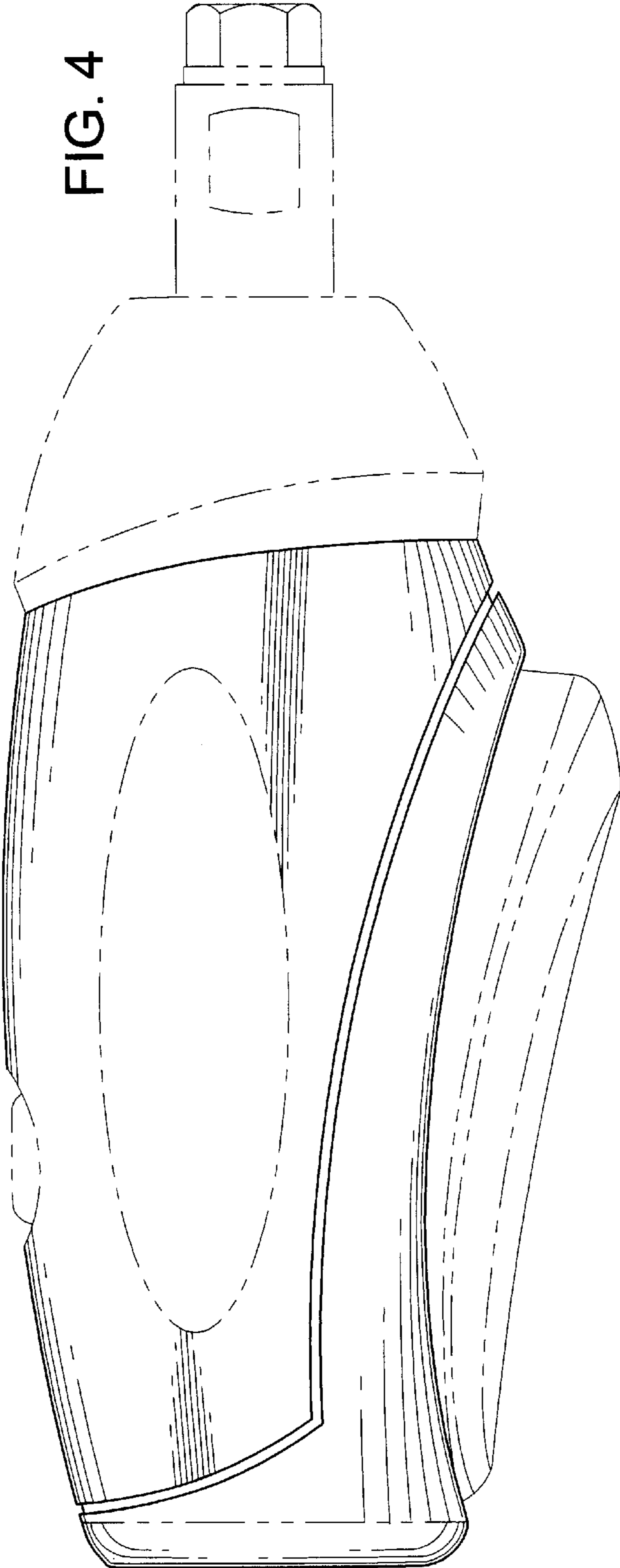
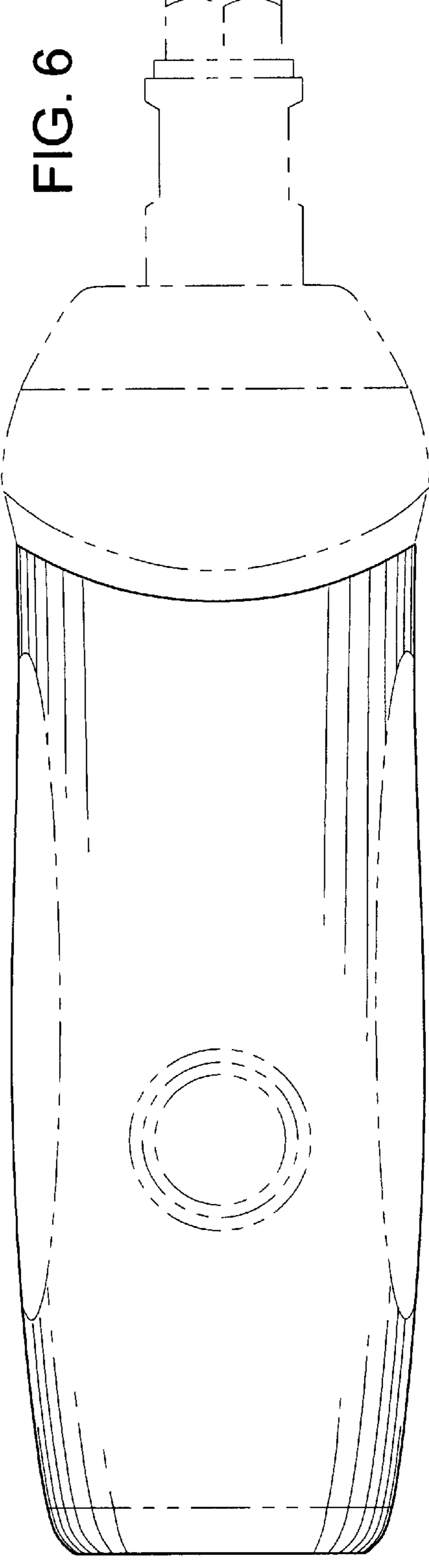


FIG. 6



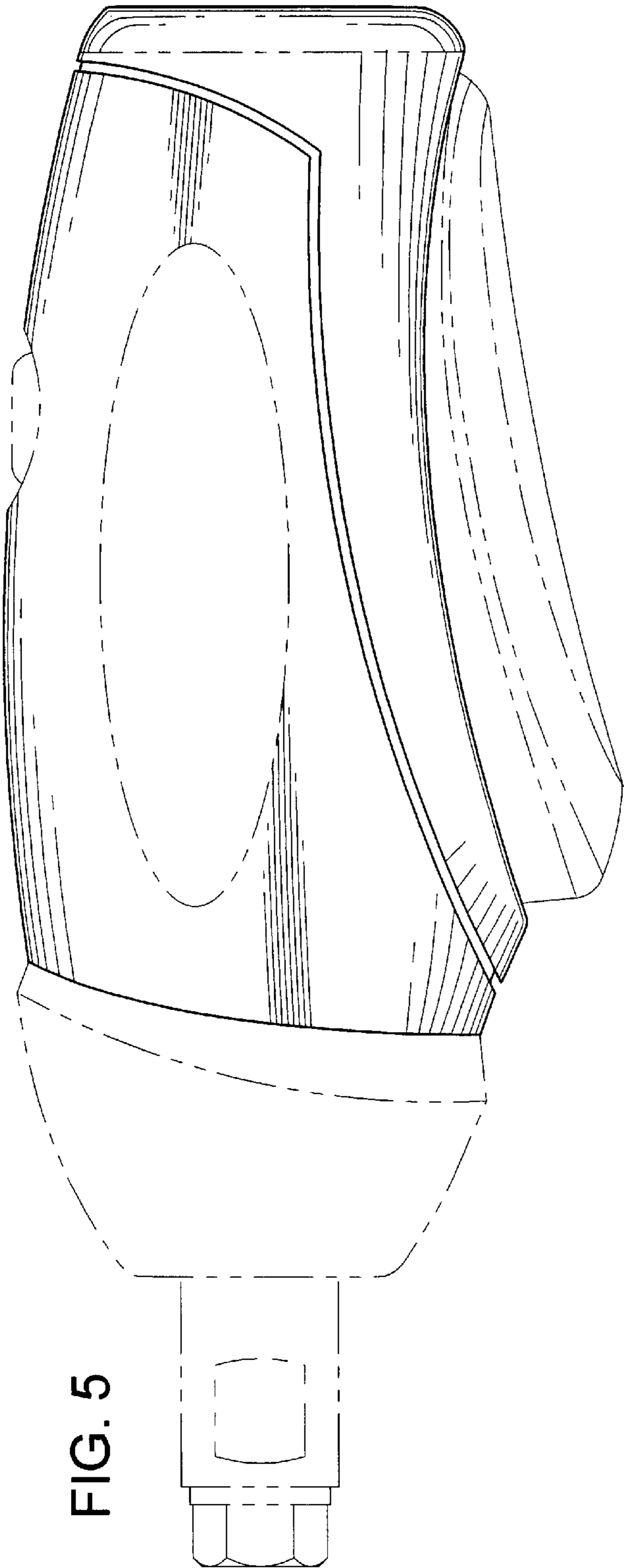


FIG. 5

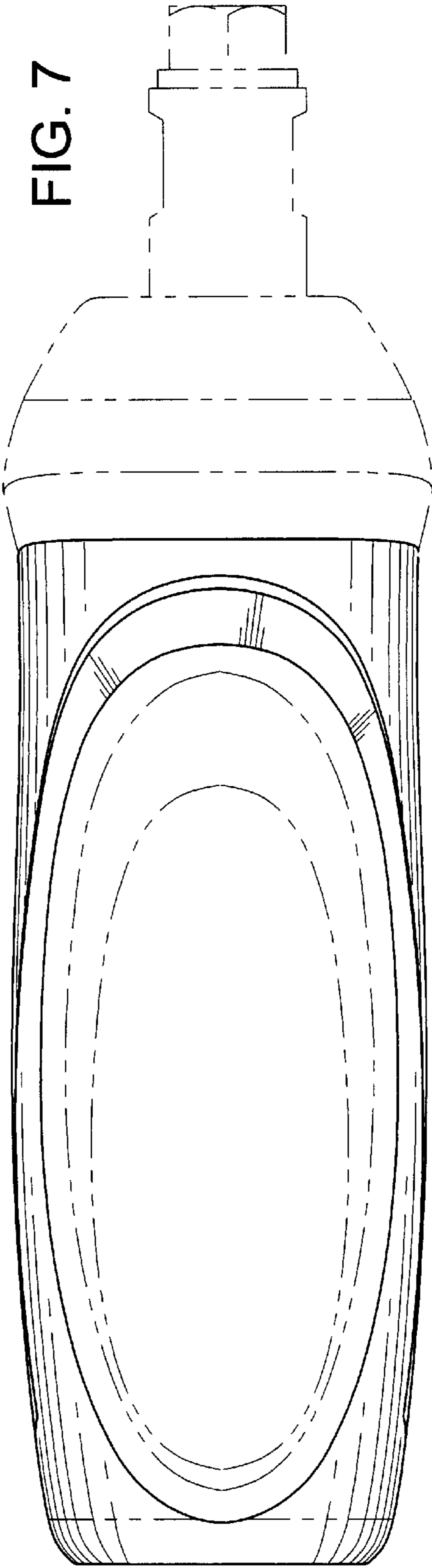


FIG. 7