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

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(54) **END EFFECTOR TIP WITH UNDERCUT BOTTOM JAW**

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(73) Assignee: **TYCO Healthcare Group LP**, Boulder, CO (US)

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

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(51) **LOC (9) Cl.** **24-02**

(52) **U.S. Cl.** **D24/146**

(58) **Field of Classification Search** D24/133, D24/143, 144, 146; 606/51, 50; D8/98

See application file for complete search history.

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Primary Examiner—Lisa P Lichtenstein

(57) **CLAIM**

The ornamental design for an end effector tip with undercut bottom jaw, as shown and described.

DESCRIPTION

FIG. 1 is a front, perspective view of an end effector tip with undercut bottom jaw in accordance with an embodiment of the present design;

FIG. 2 is a front, perspective view of a top portion of the end effector tip with undercut bottom jaw of FIG. 1;

FIG. 3 is a front, elevation view of the top portion of the end effector tip with undercut bottom jaw of FIG. 1;

FIG. 4 is a rear, elevation view of the top portion of the end effector tip with undercut bottom jaw of FIG. 1;

FIG. 5 is a top, plan view of the top portion of the end effector tip with undercut bottom jaw of FIG. 1;

FIG. 6 is a bottom, plan view of the top portion of the end effector tip with undercut bottom jaw of FIG. 1;

FIG. 7 is a right, side elevational view of the top portion of the end effector tip with undercut bottom jaw of FIG. 1;

FIG. 8 is a left, side elevational view of the top portion of the end effector tip with undercut bottom jaw of FIG. 1;

FIG. 9 is a front, perspective view of a bottom portion of the end effector tip with undercut bottom jaw of FIG. 1;

FIG. 10 is a front, elevation view of the bottom portion of the end effector tip with undercut bottom jaw of FIG. 1;

FIG. 11 is a rear, elevation view of the bottom portion of the end effector tip with undercut bottom jaw of FIG. 1;

FIG. 12 is a top, plan view of the bottom portion of the end effector tip with undercut bottom jaw of FIG. 1;

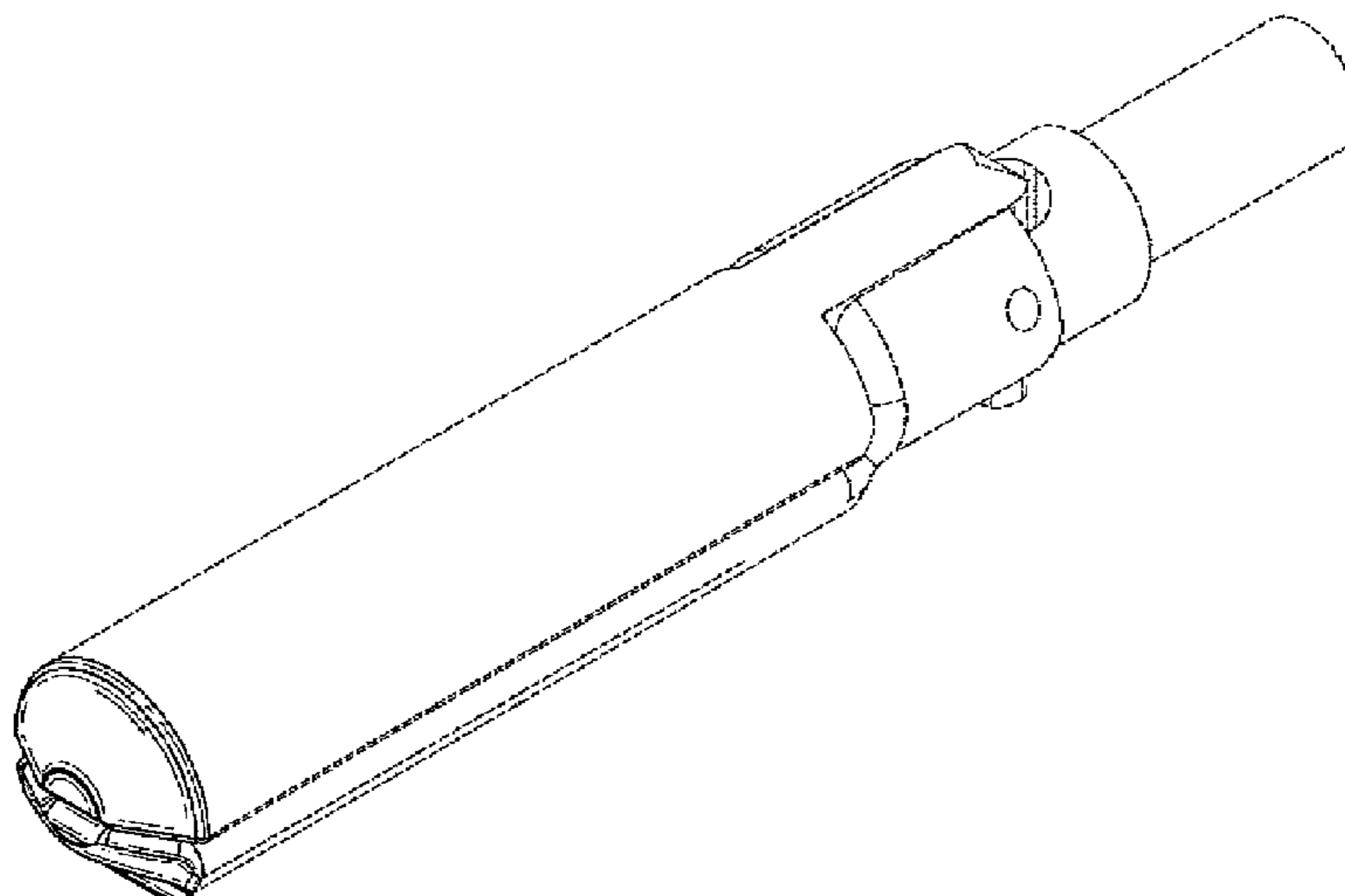
FIG. 13 is a bottom, plan view of the bottom portion of the end effector tip with undercut bottom jaw of FIG. 1;

FIG. 14 is a right, side elevational view of the bottom portion of the end effector tip with undercut bottom jaw of FIG. 1; and,

FIG. 15 is a left, side elevational view of the bottom portion of the end effector tip with undercut bottom jaw of FIG. 1.

The broken line showing of portions of an end effector tip with undercut bottom jaw is included for the purpose of illustrating environmental structure and forms no part of the claimed design.

1 Claim, 8 Drawing Sheets



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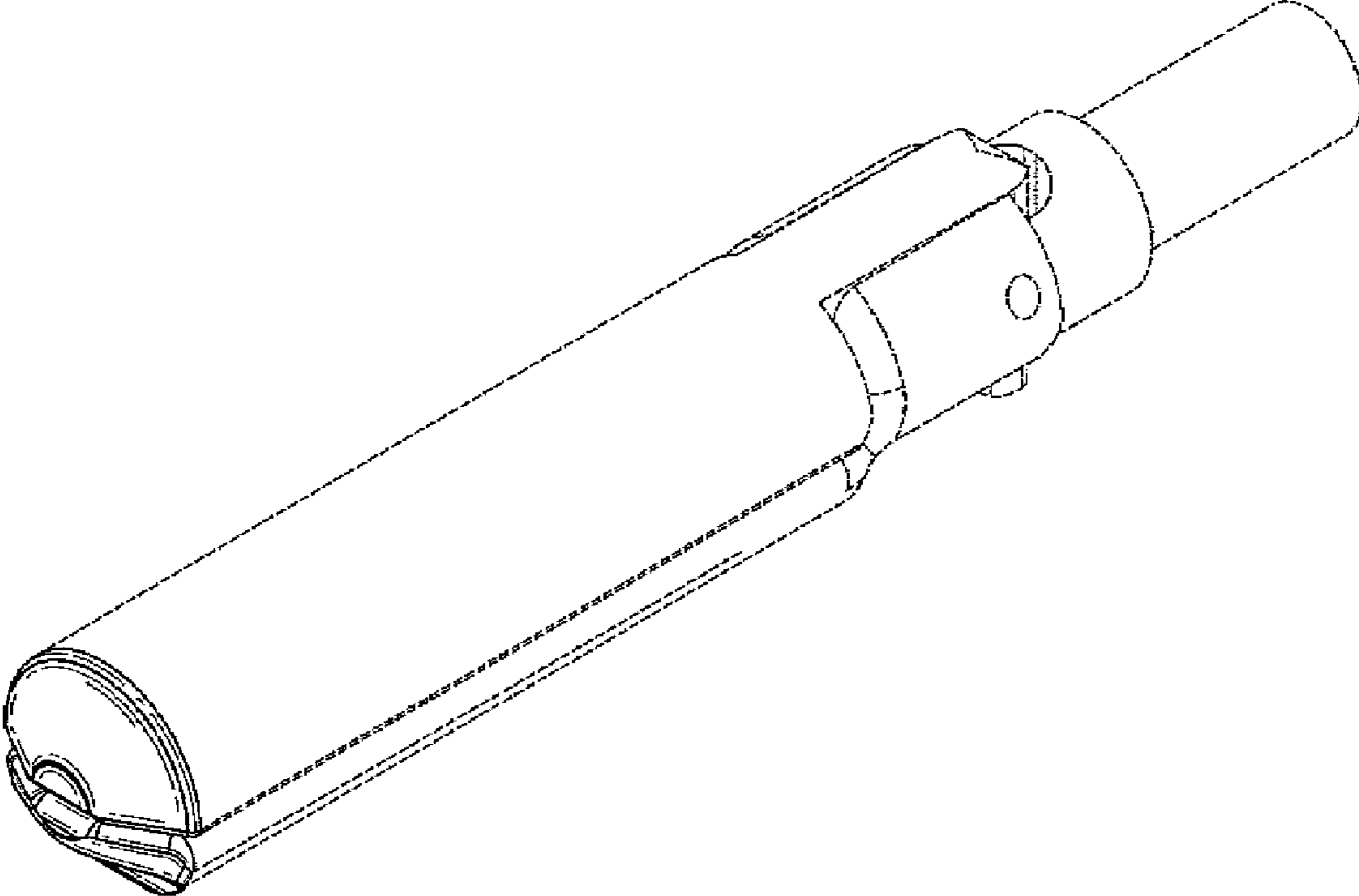


FIG. 1

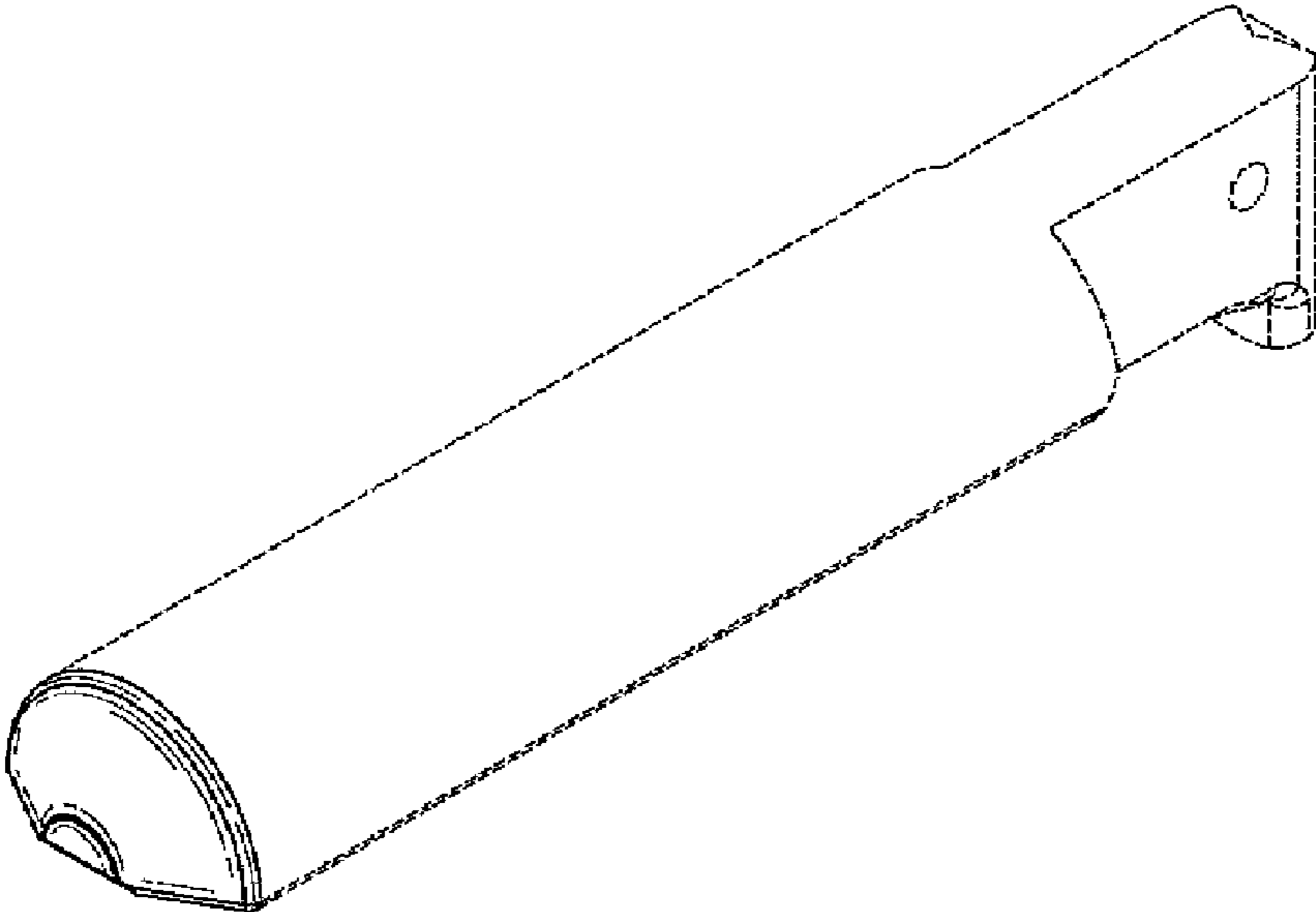


FIG. 2

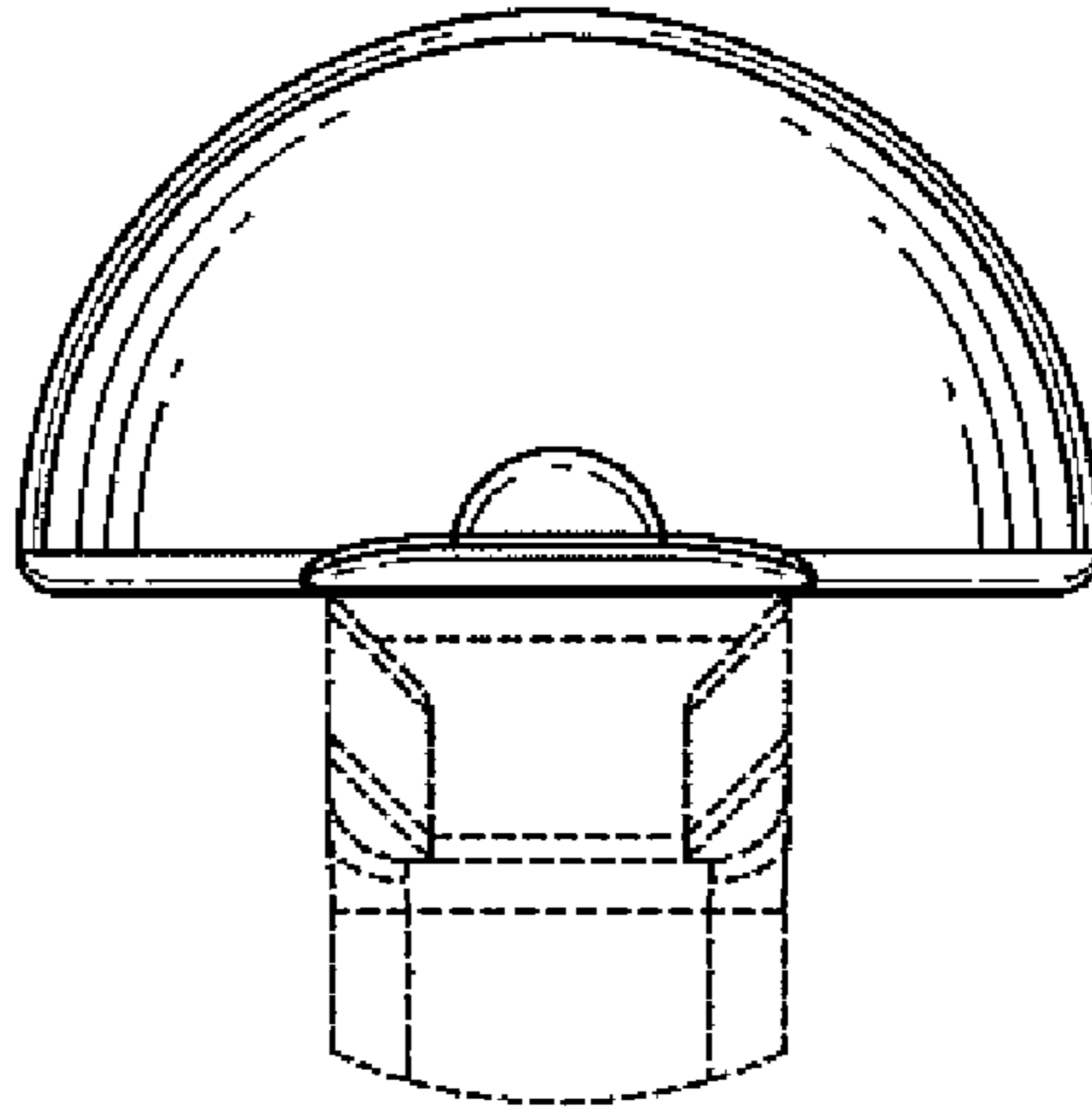


FIG. 3

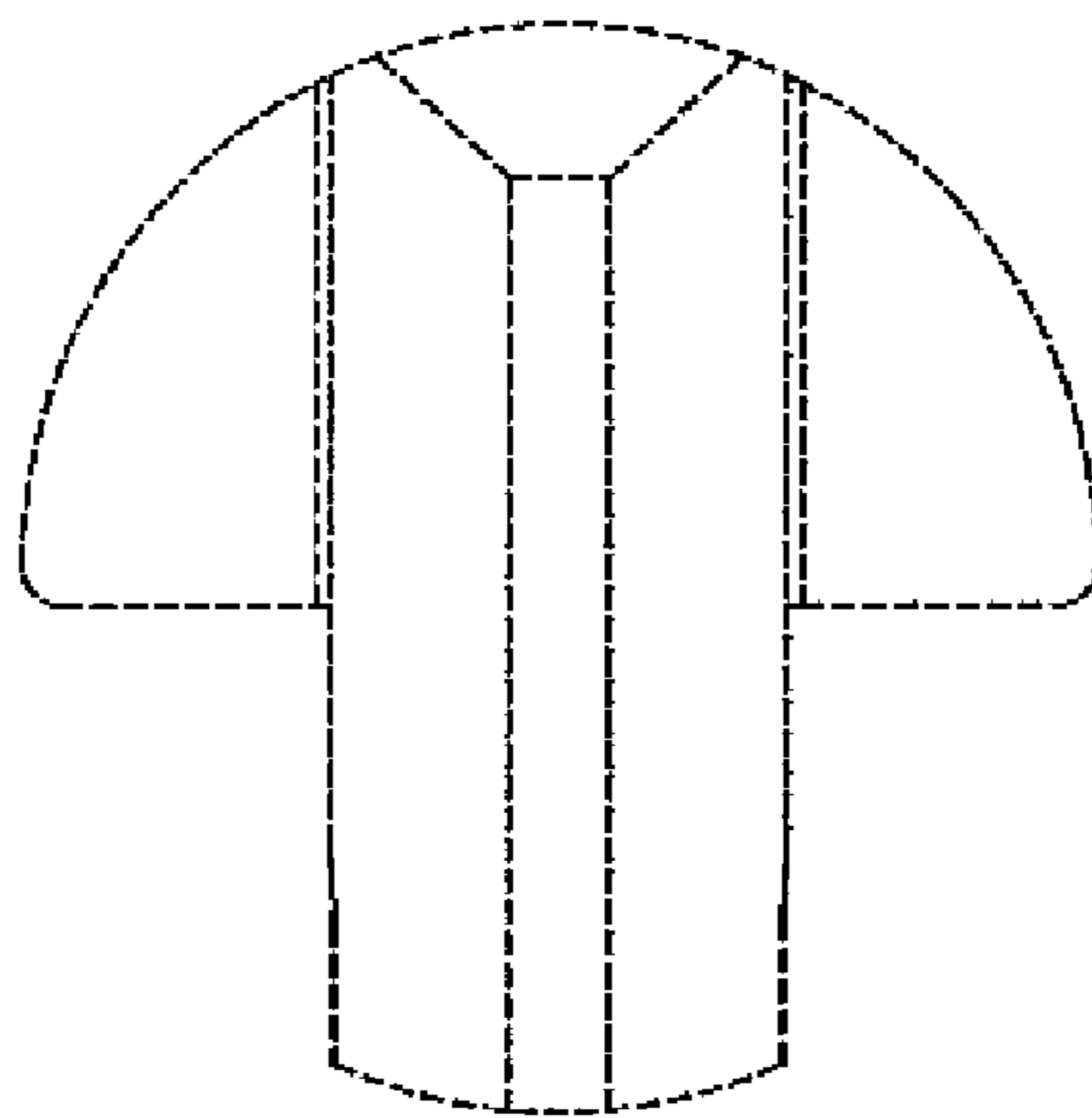


FIG. 4



FIG. 5



FIG. 6

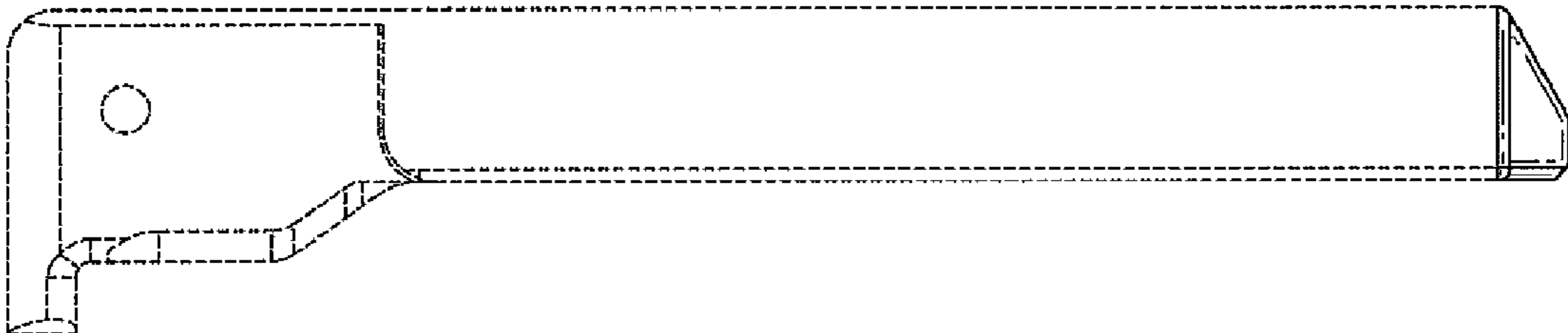


FIG. 7

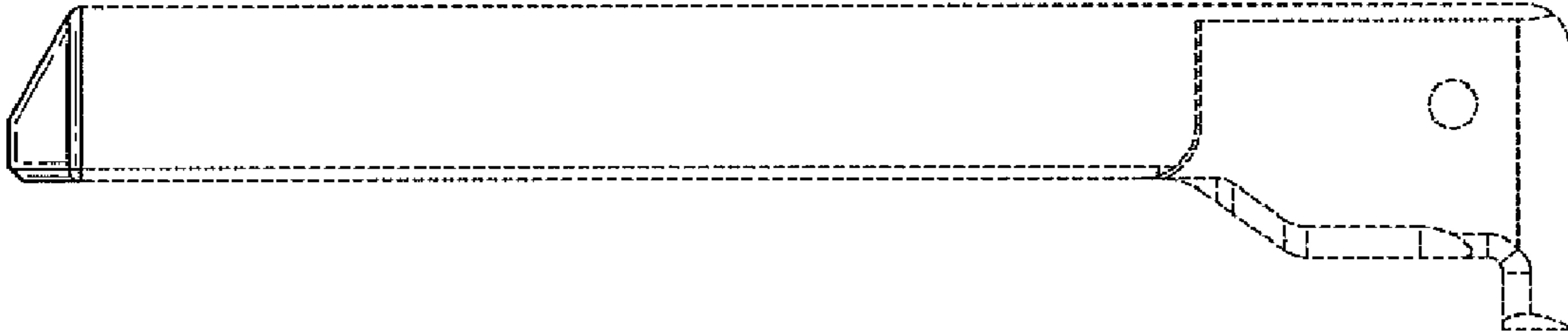


FIG. 8

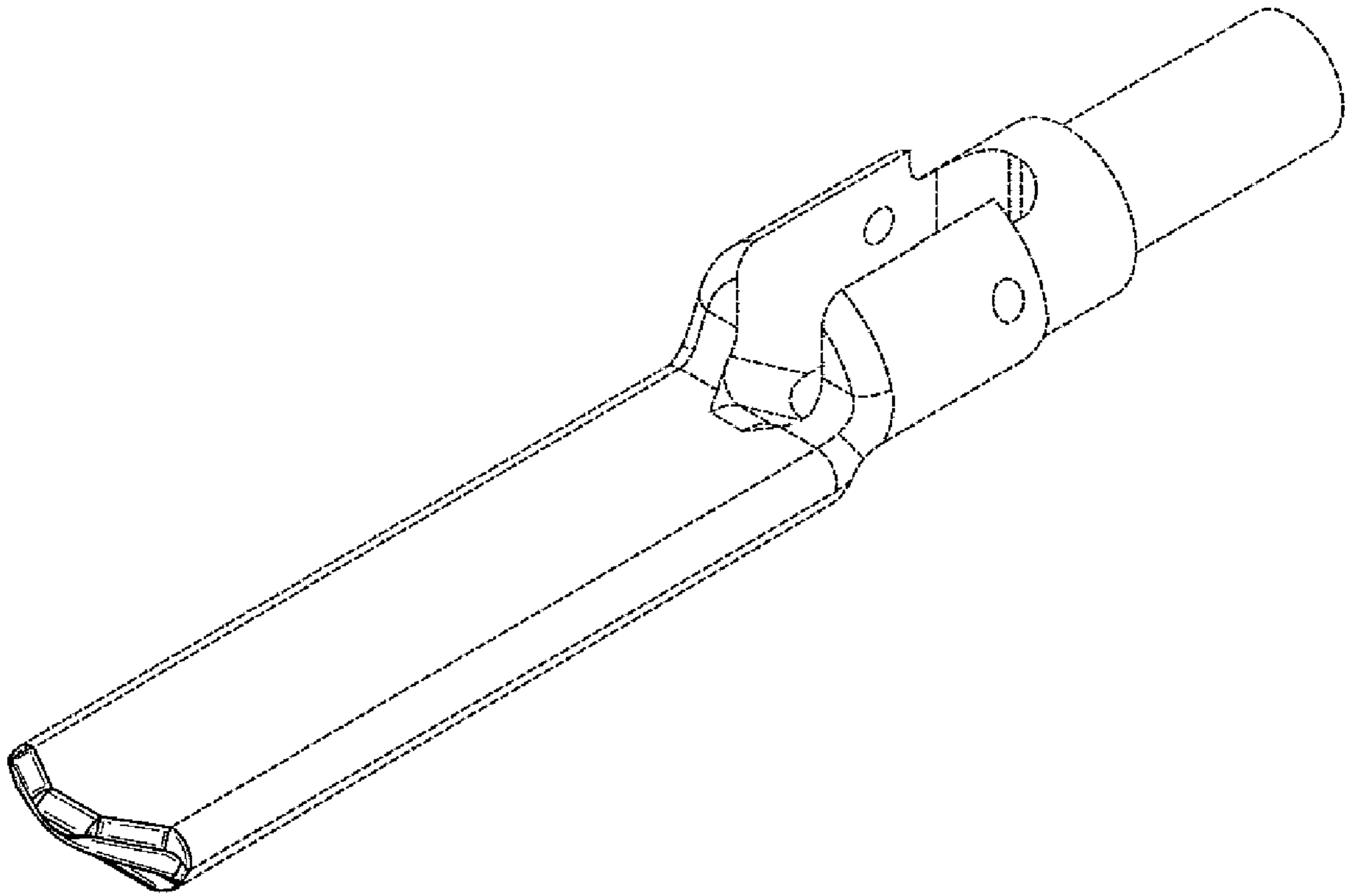


FIG. 9

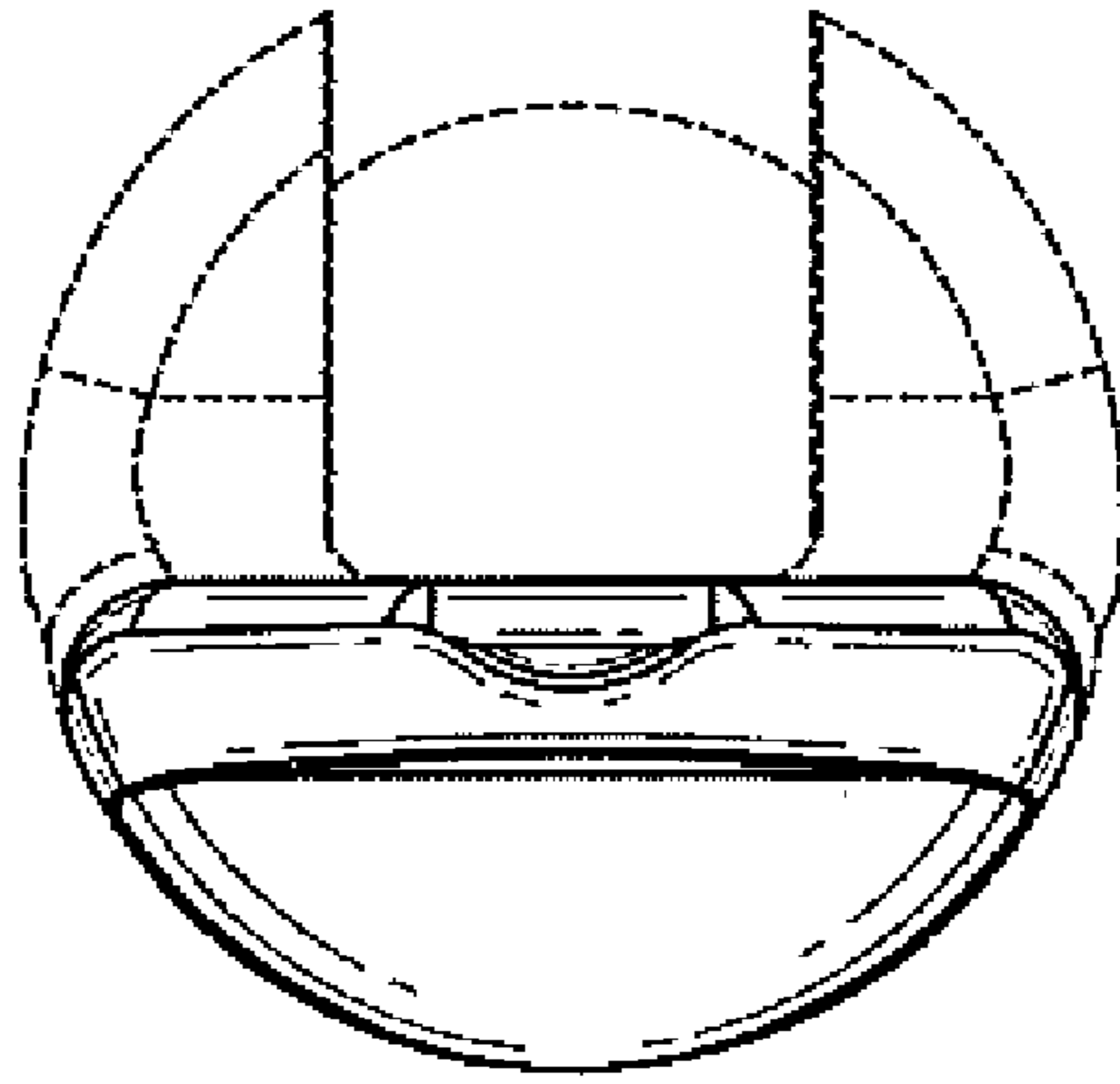


FIG. 10

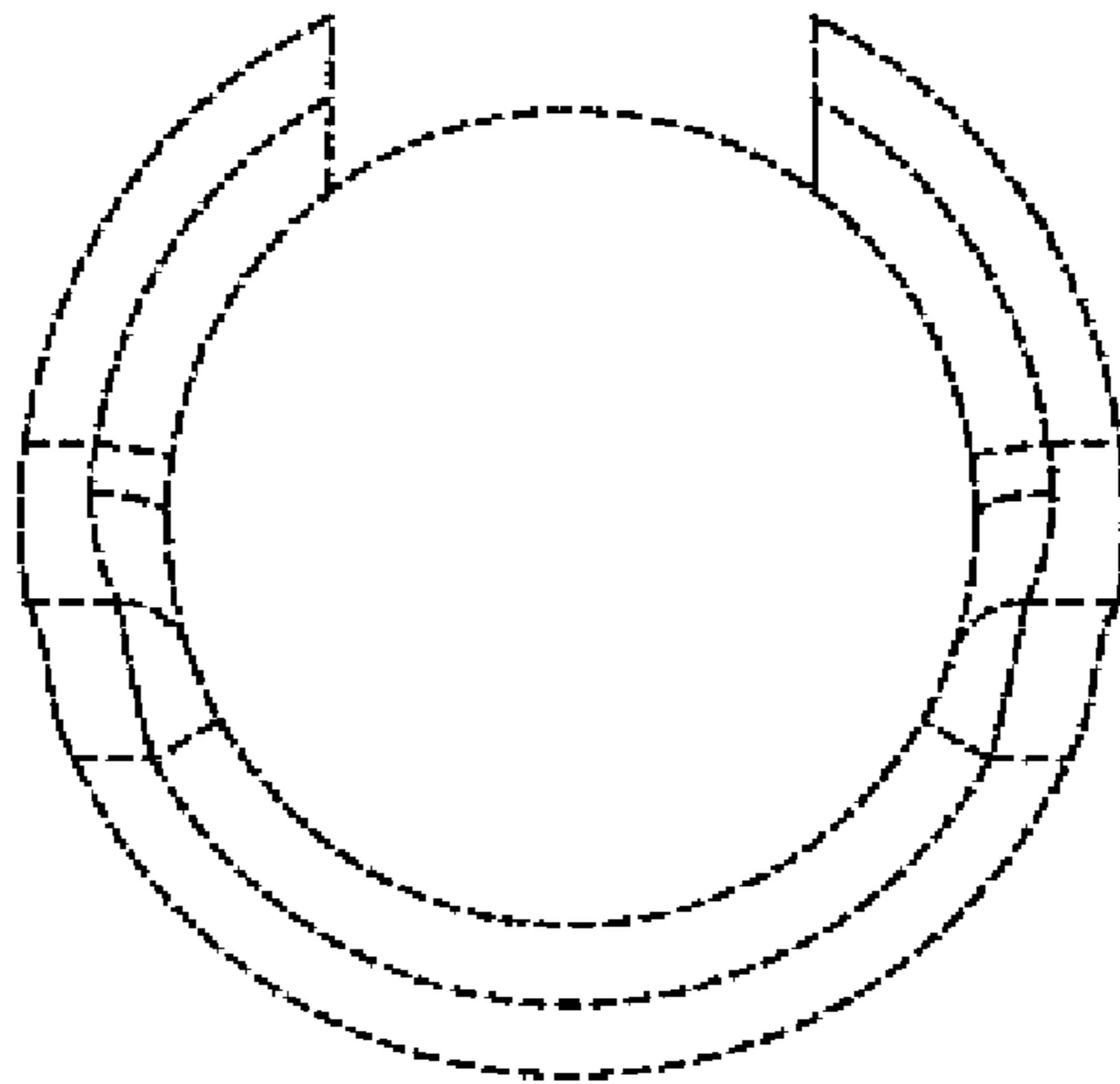


FIG. 11

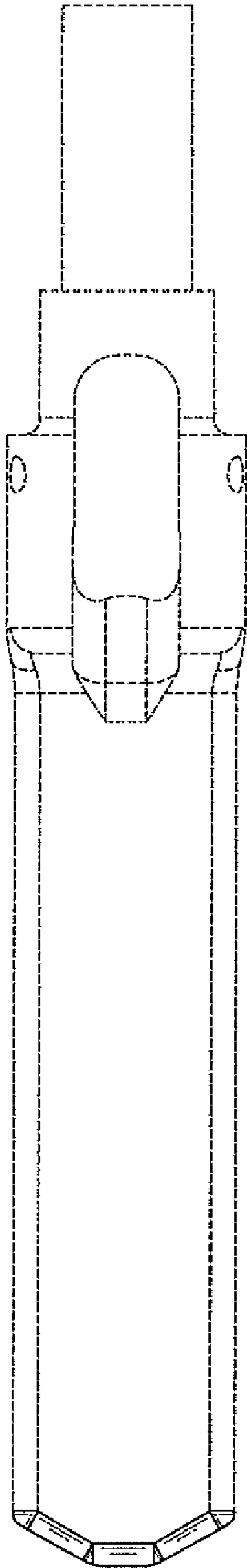


FIG. 12

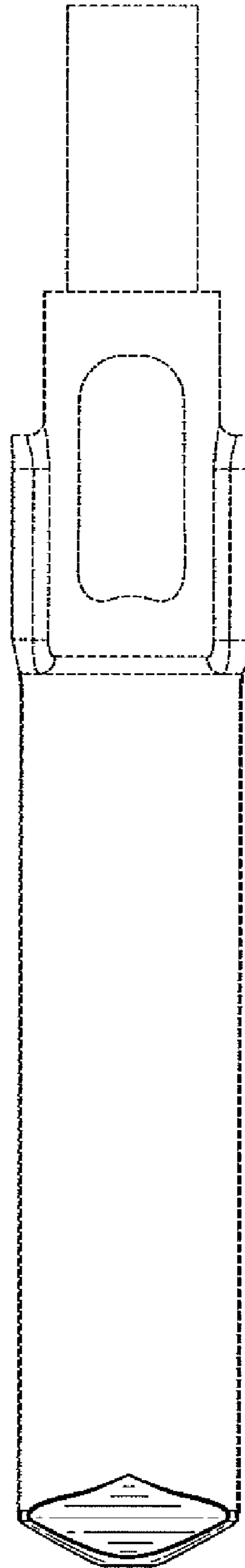


FIG. 13



FIG. 14

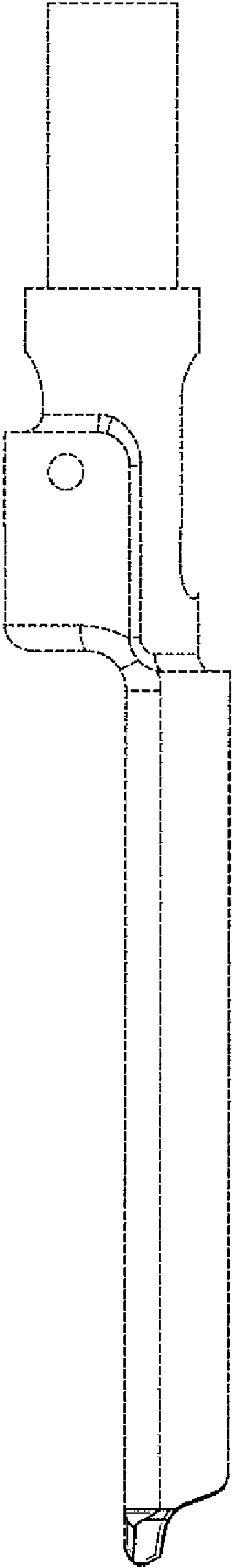


FIG. 15