



US00D690959S

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

(10) **Patent No.:** **US D690,959 S**

(45) **Date of Patent:** **** Oct. 8, 2013**

(54) **PLUNGER AND HOUSING ASSEMBLY**

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

(21) Appl. No.: **29/415,442**

(22) Filed: **Mar. 9, 2012**

(51) **LOC (9) Cl.** **23-02**

(52) **U.S. Cl.**
USPC **D6/524**

(58) **Field of Classification Search**
USPC D6/524, 525, 551; 206/207, 349,
206/361; 312/206, 207; 4/255.05, 255.11

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D383,935	S	*	9/1997	Zawalsky	.....	D6/524
D452,401	S	*	12/2001	Schmidt et al.	.....	D6/524
D464,515	S	*	10/2002	Katz et al.	.....	D6/551
6,647,567	B1	*	11/2003	Baldwin et al.	.....	4/255.11
D621,190	S	*	8/2010	Yoo et al.	.....	D6/524
D630,034	S	*	1/2011	Raven	D6/524
D651,836	S	*	1/2012	Libman et al.	D6/524

* cited by examiner

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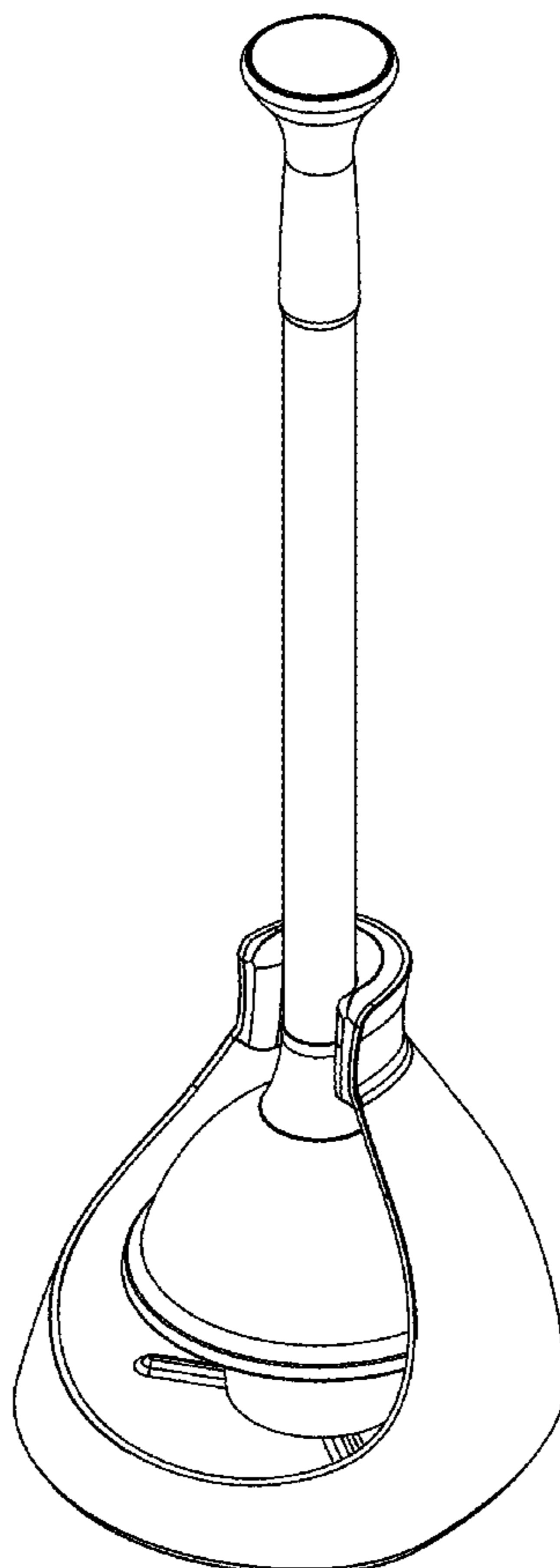
(57) **CLAIM**

The ornamental design for a plunger and housing assembly, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of the plunger and housing assembly showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a right side view thereof (the left side view is a mirror image thereof);
FIG. 5 is a top plan view thereof; and,
FIG. 6 is a bottom plan view thereof.

1 Claim, 6 Drawing Sheets



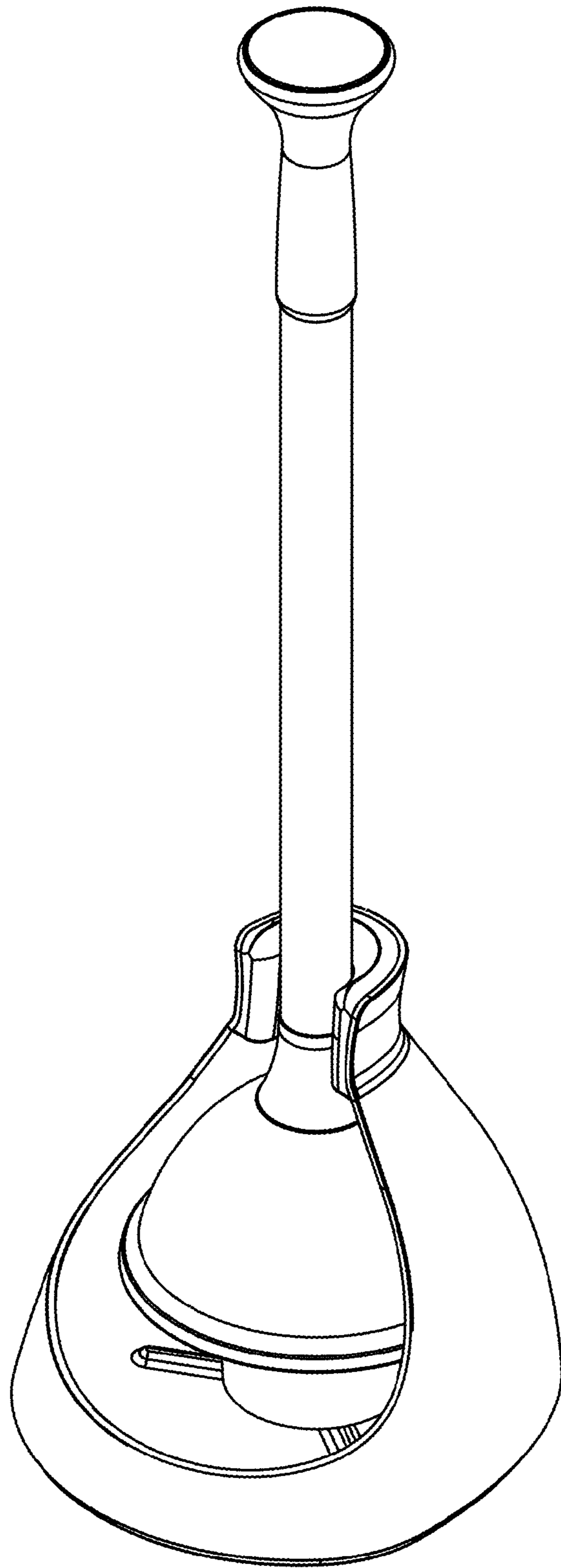


FIG. 1

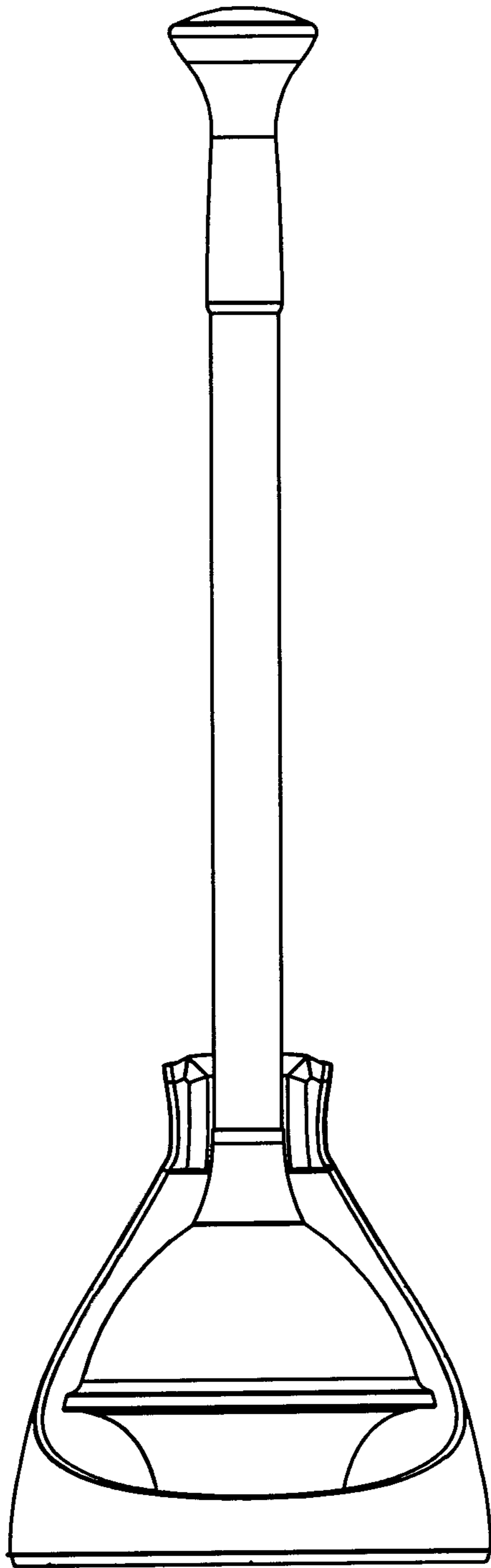


FIG. 2

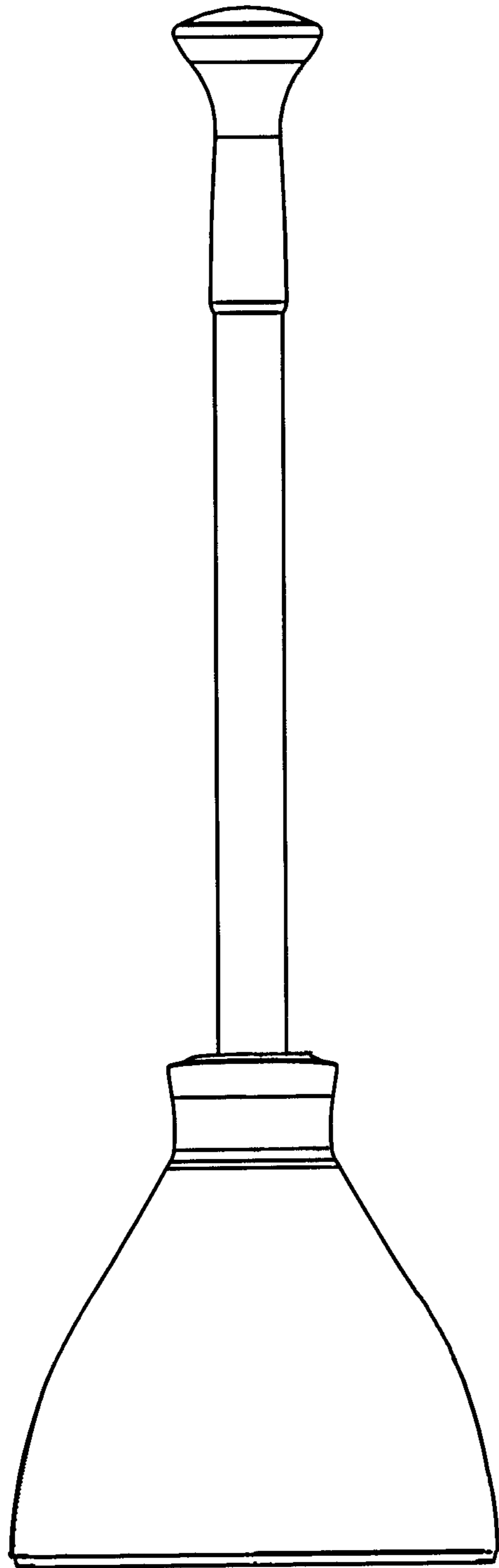


FIG. 3

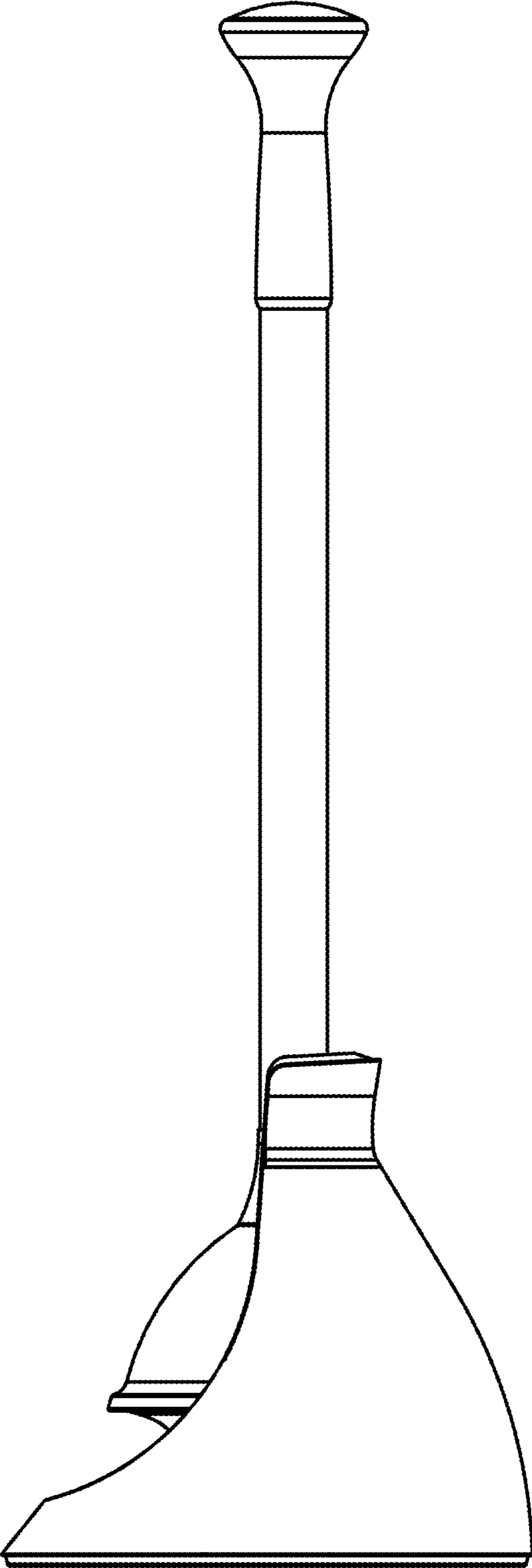


FIG. 4

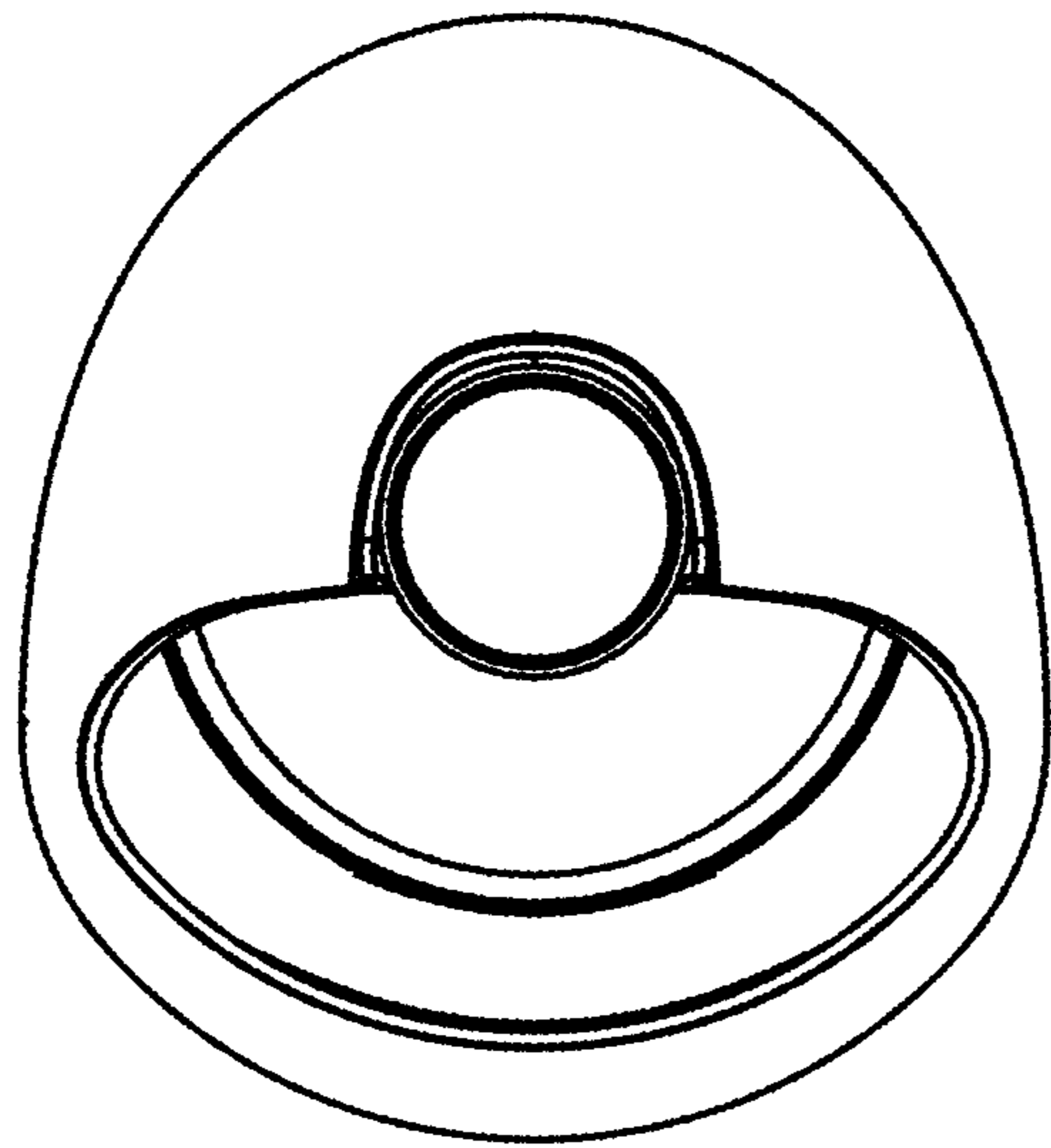


FIG. 5

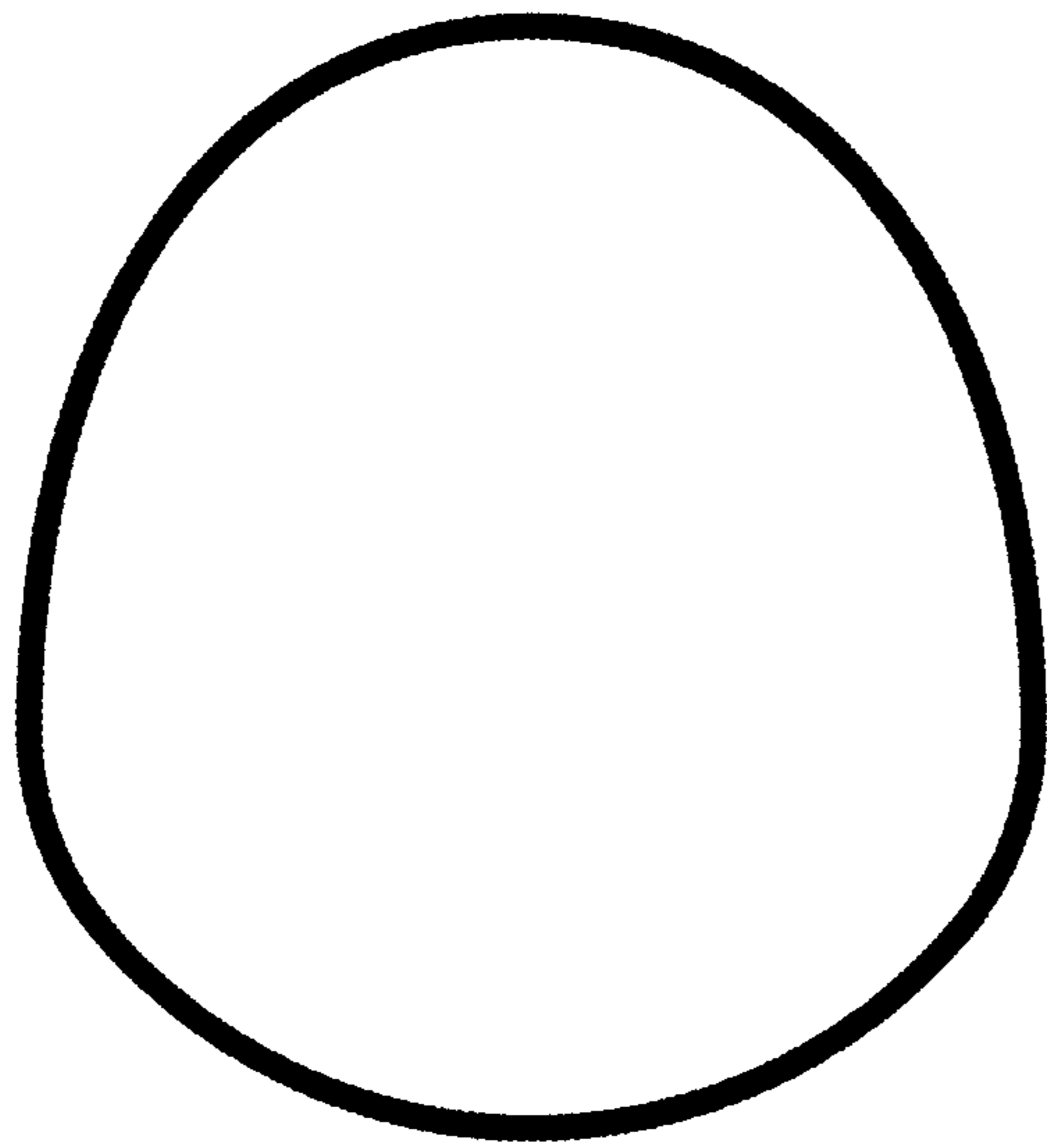


FIG. 6