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(12)

United States Design Patent

Matsuoka

(10)

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(45)

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** Jan. 10, 2023

(54)	SPERM INJECTION DEVICE	4,822,332	A *	4/1989	Kajander	A61F 13/263
(71)	Applicant: TENGA Co., Ltd., Tokyo (JP)	5,301,381	A *	4/1994	Klupt	604/16 A46B 13/04
(72)	Inventor: Shunsuke Matsuoka, Tokyo (JP)	D412,206	S *	7/1999	Basile	15/22.1 D24/130
(73)	Assignee: TENGA CO., LTD., Tokyo (JP)	D574,954	S *	8/2008	Smith	D24/114
(**)	Term: 15 Years	7,647,891	B2 *	1/2010	Anderson	A61D 19/027
(21)	Appl. No.: 35/511,683	D618,347	S *	6/2010	Bradshaw	119/174 D24/112
(22)	Filed: Oct. 16, 2020	D643,920	S *	8/2011	Gil Pascual	A61D 19/027
(80)	Hague Agreement Data	8,136,483	B2 *	3/2012	Anderson	D24/130 A61D 19/027
	Int. Filing Date: Oct. 16, 2020	8,771,294	B2 *	7/2014	Sepetka	119/174 A61B 17/12172
	Int. Reg. No.: DM/211584	8,992,505	B2 *	3/2015	Thorne, Jr.	606/144 A61M 5/31596
	Int. Reg. Date: Oct. 16, 2020	D729,931	S *	5/2015	Takeuchi	604/184 D24/114
	Int. Reg. Pub. Date: Apr. 16, 2021	D739,524	S *	9/2015	Zemel	D7/669
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(Continued)

(30)	Foreign Application Priority Data
	Jul. 14, 2020 (JP) 2020-014443
(51)	LOC (14) Cl. 24-02
(52)	U.S. Cl.
	USPC D24/141
	CPC A61M 3/00 (2013.01)
(58)	Field of Classification Search
	USPC D24/112–114, 108, 133, 130, 127, 186;
	606/181, 185; 604/264, 272, 187, 181,
	604/84, 227; D28/7, 8.1; 119/860, 174
	CPC A61M 5/178; A61M 3/00; A61M 5/20;
	A61M 5/31; A61M 5/3146; A61M
	5/3129; A61M 5/3148
	See application file for complete search history.

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Peter Martinez

(57)

CLAIM

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

DESCRIPTION

1. Sperm injection device

1.1 Front view;

1.2 Back view;

1.3 Left view;

1.4 Right view;

1.5 Top view;

1.6 Bottom view;

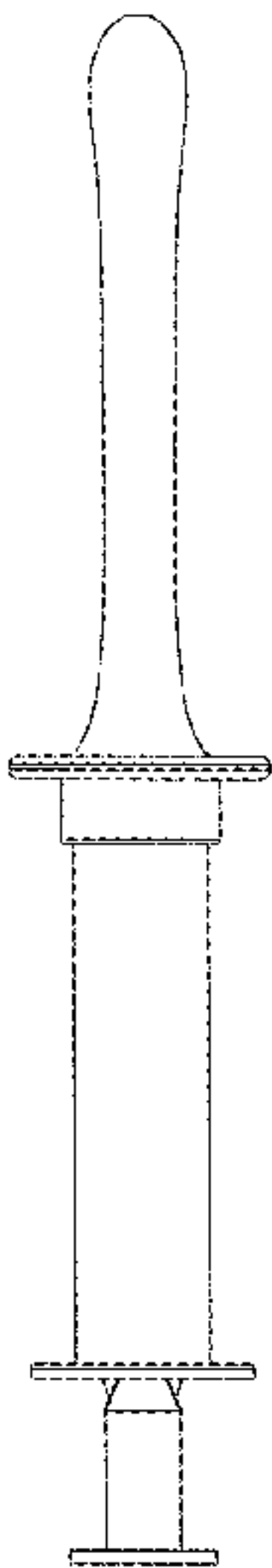
1.7 Perspective view;

1.8 First reference view;

1.9 Second reference view; and

1.10 Third reference view.

1 Claim, 10 Drawing Sheets



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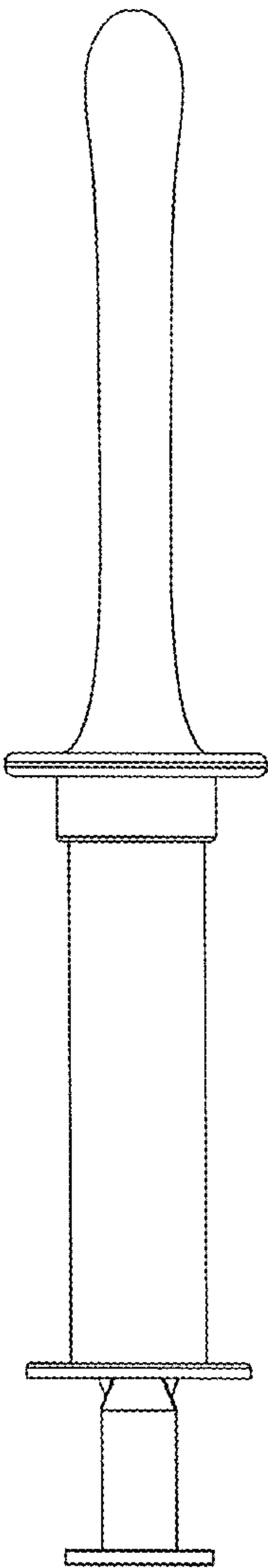


FIG 1.1

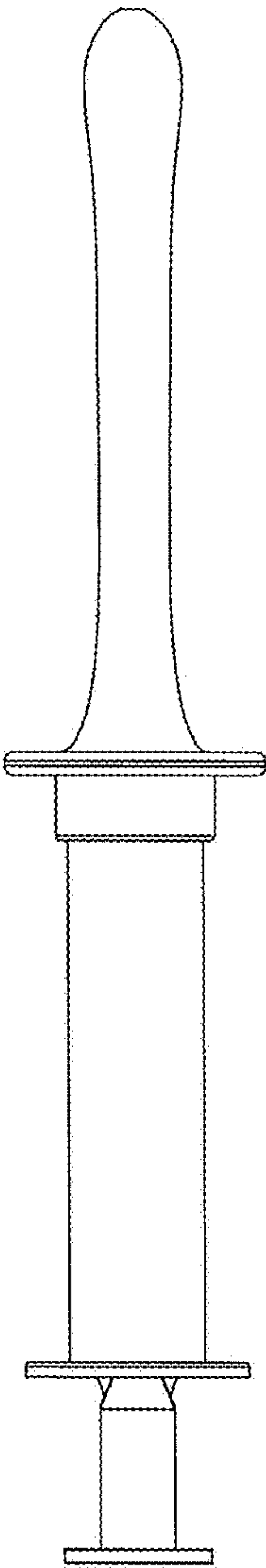


FIG 1.2

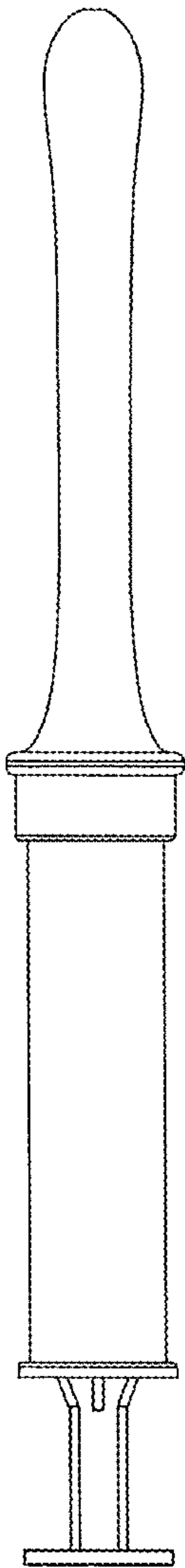


FIG 1.3

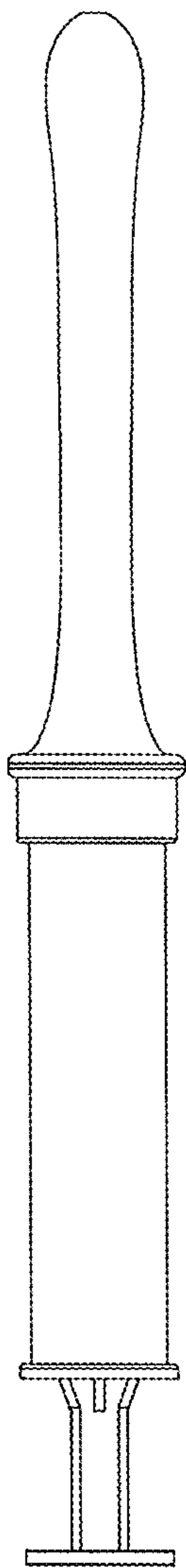


FIG 1.4

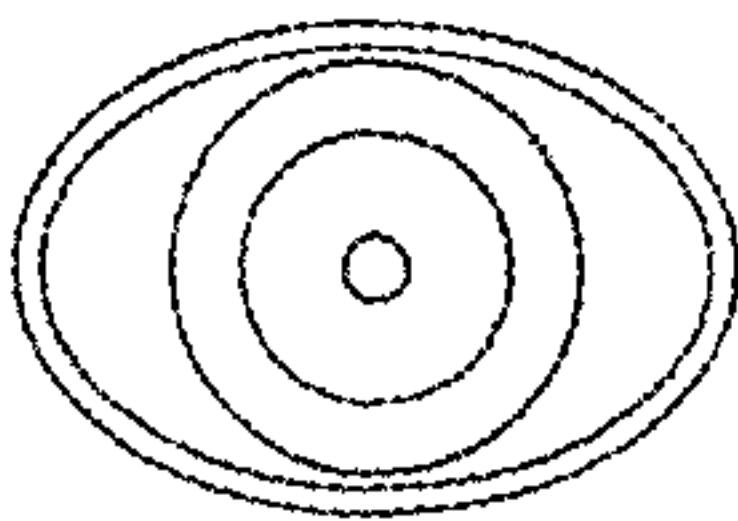


FIG 1.5

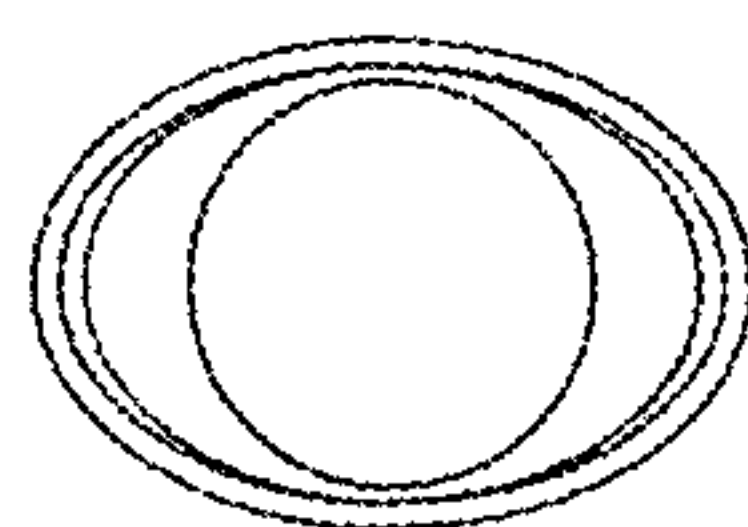


FIG 1.6

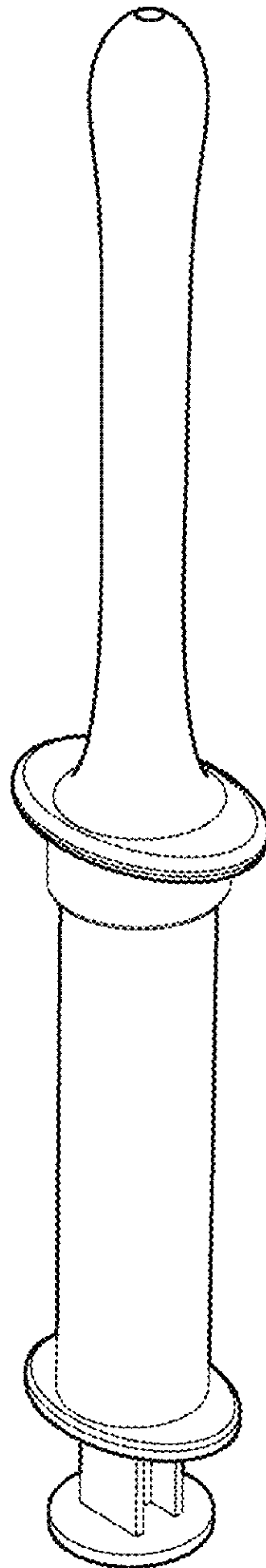


FIG 1.7

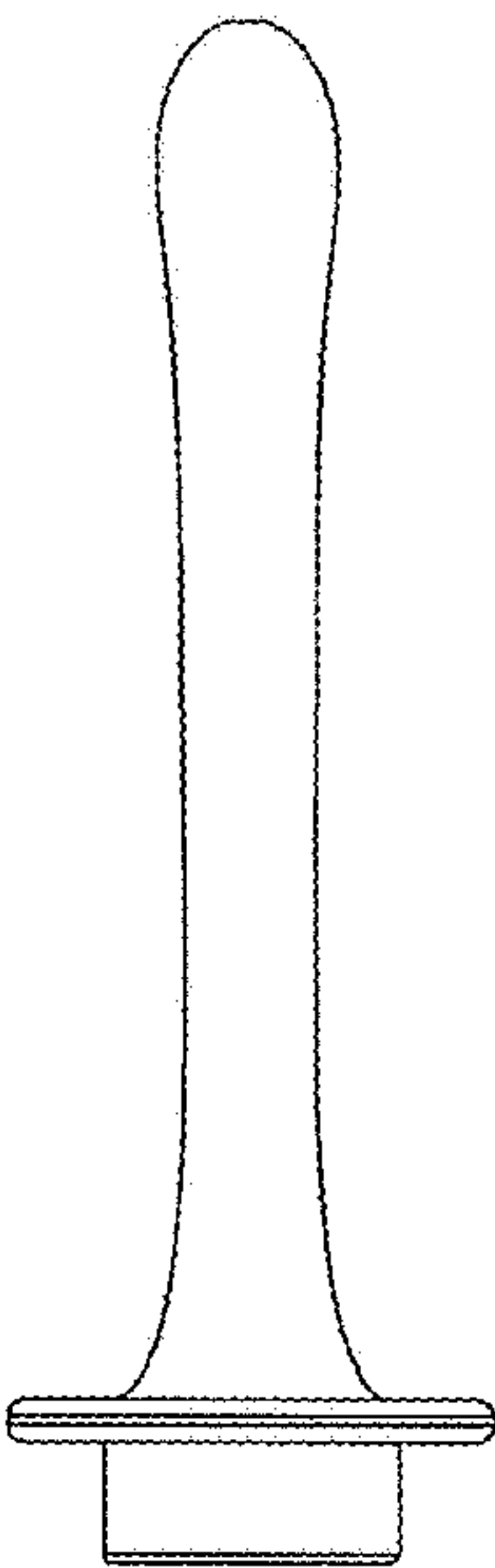


FIG 1.8

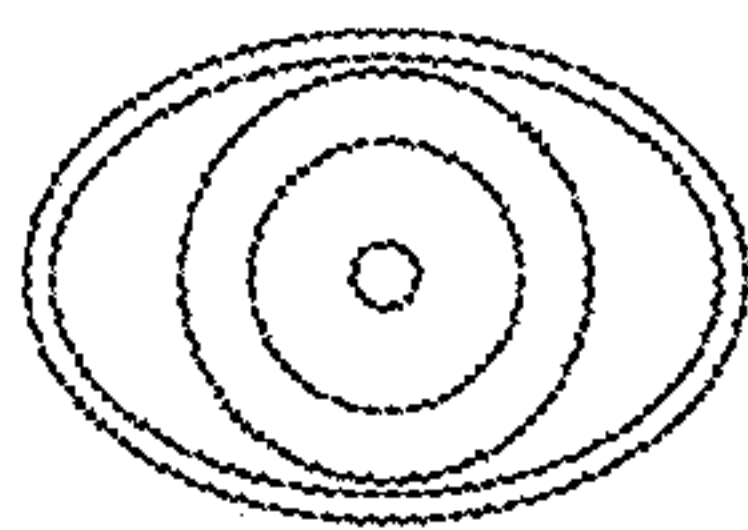


FIG 1.9

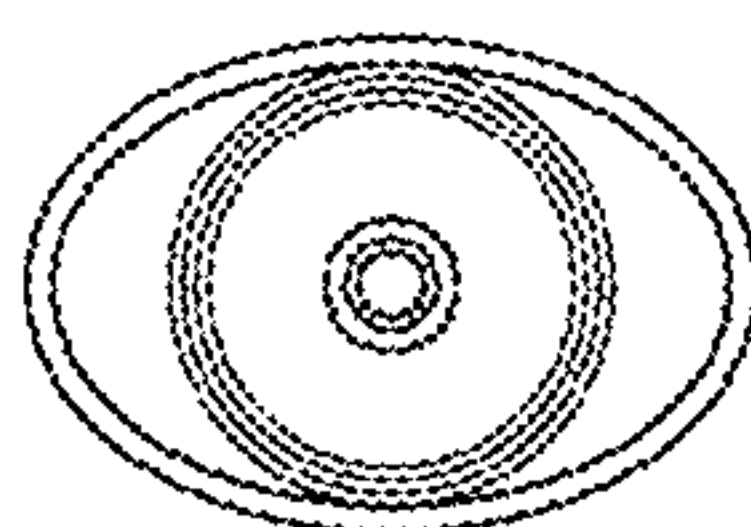


FIG 1.10