



US00D469540S

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

(10) **Patent No.:** **US D469,540 S**

(45) **Date of Patent:** **** Jan. 28, 2003**

(54) **GLUCOSE SENSOR**

(75) Inventors: **James D. Holker**, Alta Loma, CA (US); **Nannette M. Van Antwerp**, Valencia, CA (US); **John J. Mastrototaro**, Los Angeles, CA (US); **William P. Van Antwerp**, Valencia, CA (US)

(73) Assignee: **Medtronic MiniMed, Inc.**, Northridge, CA (US)

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

(21) Appl. No.: **29/153,333**

(22) Filed: **Nov. 7, 2001**

Related U.S. Application Data

(60) Continuation-in-part of application No. 29/127,124, filed on Jul. 31, 2000, now Pat. No. Des. 452,323, which is a division of application No. 29/101,218, filed on Feb. 25, 1999, now Pat. No. Des. 433,755.

(51) **LOC (7) Cl.** **24-01**

(52) **U.S. Cl.** **D24/187**

(58) **Field of Search** D24/187; 600/347, 600/372-384; 204/403.01, 402; 435/287.9, 287.1, 293.1, 817

(56) **References Cited**

U.S. PATENT DOCUMENTS

D232,590 S * 8/1974 Moore et al. D24/187

4,736,752 A	*	4/1988	Munck et al.	607/152
4,927,516 A	*	5/1990	Yamaguchi et al.	204/403
5,082,786 A	*	1/1992	Nakamoto	204/403
5,387,327 A	*	2/1995	Khan	204/403
5,437,999 A	*	8/1995	Diebod et al.	435/287.9
5,601,694 A	*	2/1997	Maley et al.	204/415
5,628,890 A	*	5/1997	Carter et al.	204/403
5,798,031 A	*	8/1998	Charlton et al.	5/81

* cited by examiner

Primary Examiner—Stella Reid

(74) *Attorney, Agent, or Firm*—Medtronic MiniMed, Inc.

(57) **CLAIM**

The ornamental design for a glucose sensor, as shown and described.

DESCRIPTION

FIG. 1 is a top view of a glucose sensor, showing our new design;

FIG. 2 is top view thereof;

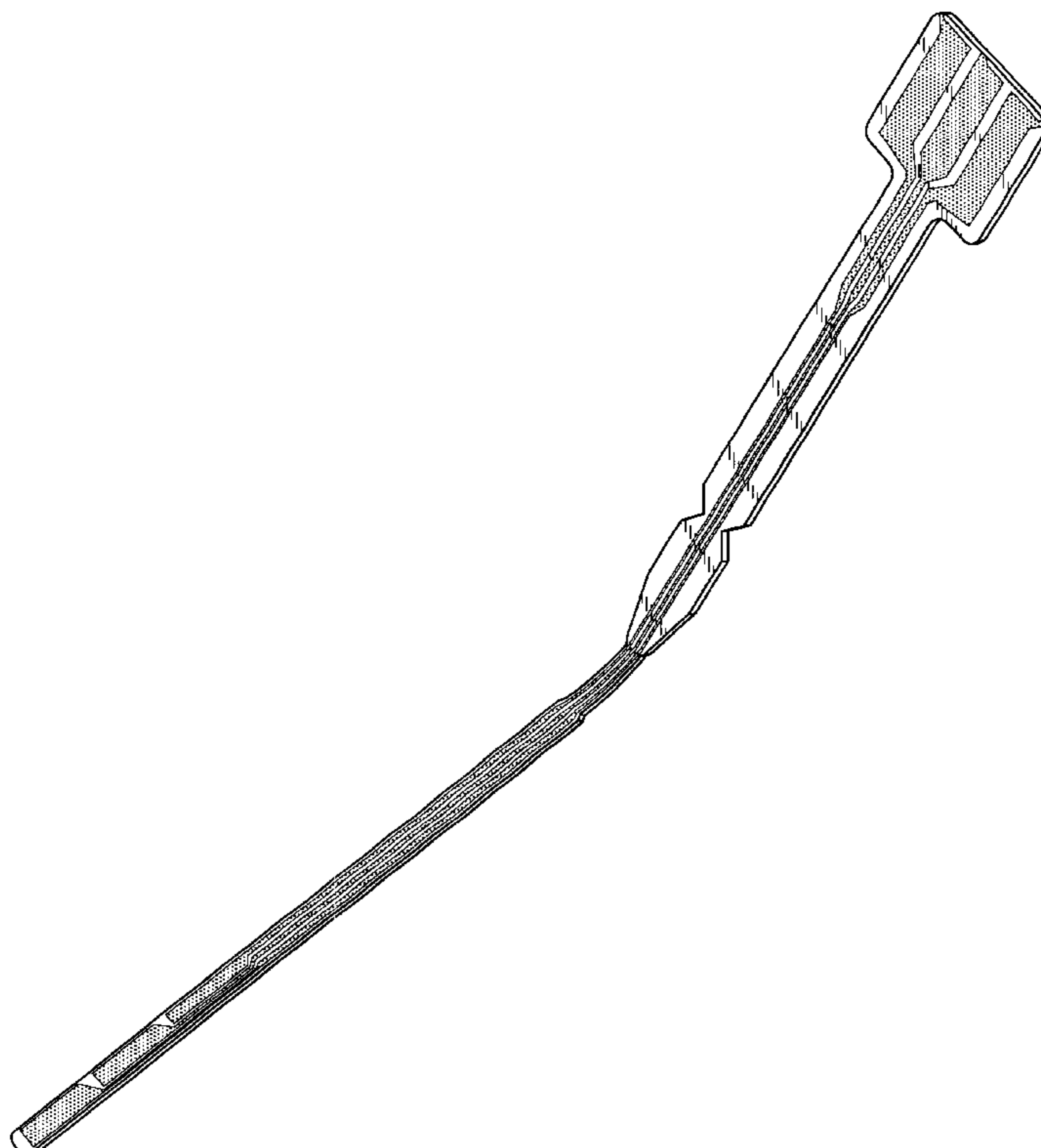
FIG. 3 is a bottom view thereof;

FIG. 4 is a rear end view thereof;

FIG. 5 is a front end view thereof; and,

FIG. 6 is a right side view thereof, the left side view being a mirror image thereof.

1 Claim, 2 Drawing Sheets



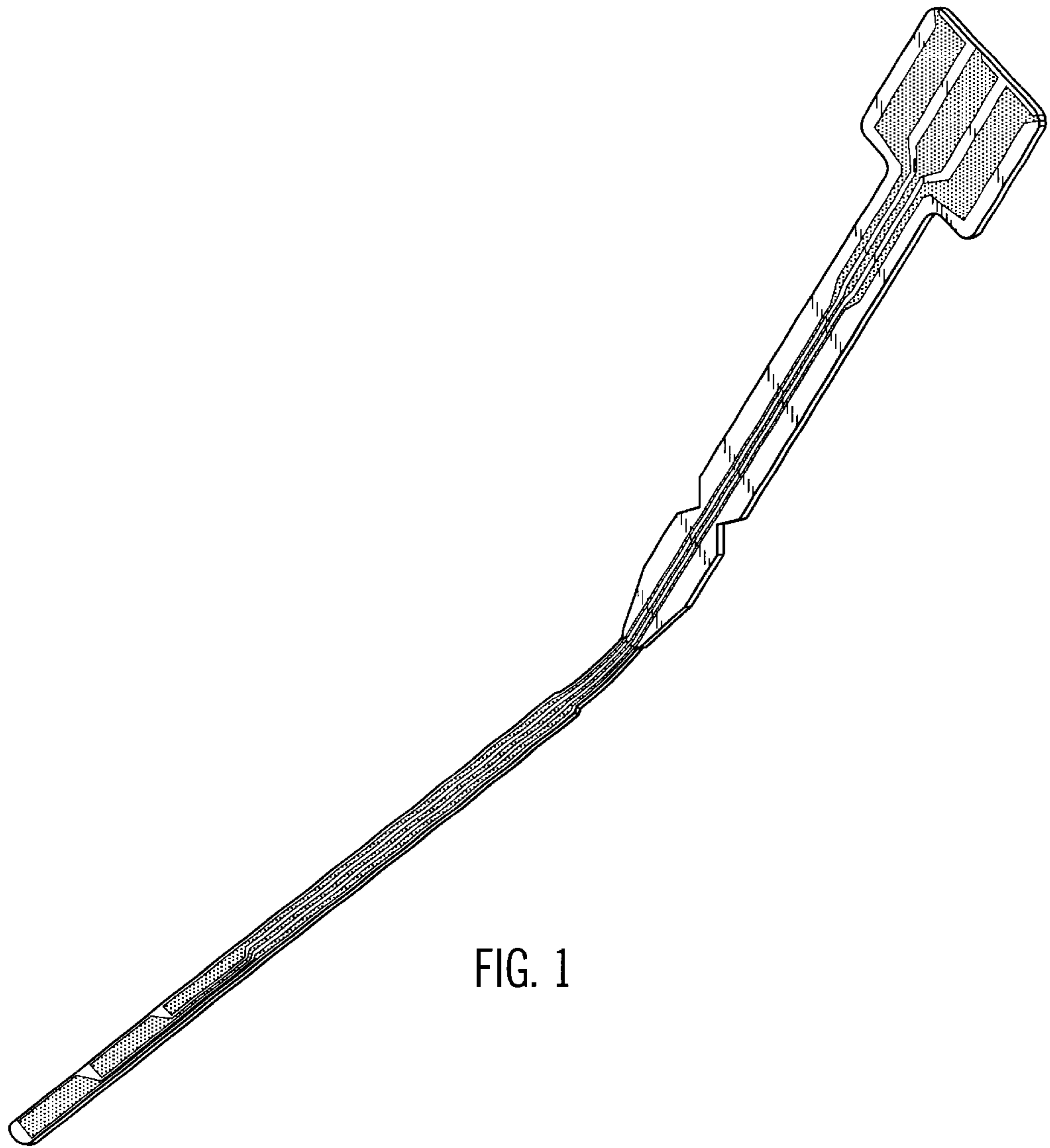


FIG. 1

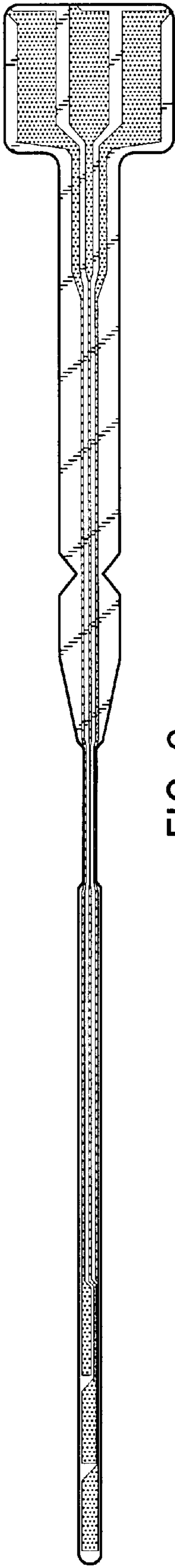


FIG. 2

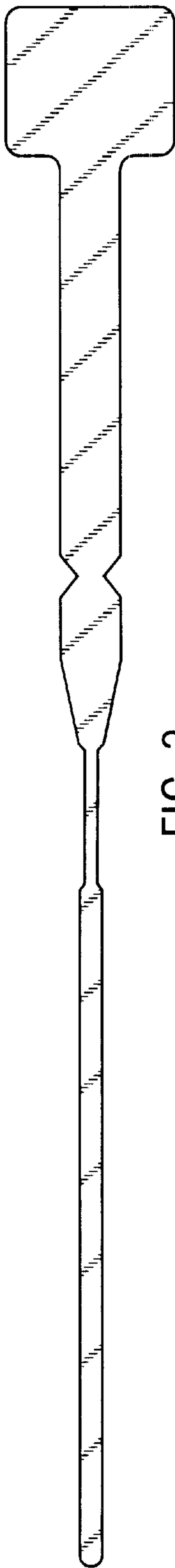


FIG. 3



FIG. 4

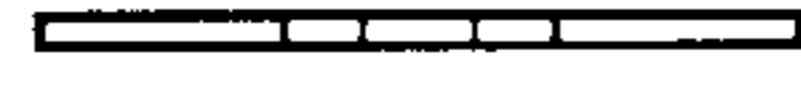


FIG. 5



FIG. 6