

[54] DISPOSABLE BIOPSY NEEDLE UNIT

[75] Inventor: Peter F. Lee, Edina, Minn.

[73] Assignee: Southland Instruments, Inc., Minneapolis, Minn.

[**] Term: 14 Years

[21] Appl. No.: 887,878

[22] Filed: Jul. 21, 1986

4,266,555	5/1981	Jamshidi	128/753
4,314,565	2/1982	Lee	128/753
4,356,828	11/1982	Jamshidi	128/754
4,366,822	1/1983	Altshuler	128/753
4,469,109	9/1984	Mehl	128/753
4,487,209	12/1984	Mehl	128/754
4,513,754	4/1985	Lee	128/753
4,543,966	10/1985	Islam et al.	128/754

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 684,129, Dec. 20, 1984, Pat. No. 4,655,226.

[52] U.S. Cl. D24/24

[58] Field of Search D24/24, 14, 25; 128/754, 753

Primary Examiner—Wallace R. Burke
Assistant Examiner—Stella M. Reid
Attorney, Agent, or Firm—Merchant, Gould, Smith, Edell, Welter & Schmidt

[57] CLAIM

The ornamental design for a disposable biopsy needle unit, as shown.

DESCRIPTION

FIG. 1 is a perspective view of a disposable biopsy needle unit showing my new design;
FIG. 2 is a side elevational view thereof, the other side being identical except for opposite orientation of the bevelled ends of the needle and stylet;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a front elevational view thereof; and
FIG. 6 is a back elevational view thereof.

[56] References Cited

U.S. PATENT DOCUMENTS

D. 289,198	4/1987	Karten	D24/24
3,598,108	8/1971	Jamshidi et al.	.
3,628,524	12/1971	Jamshidi	.
4,163,446	8/1979	Jamshidi	128/754
4,258,722	3/1981	Sessions et al.	.
4,262,676	4/1981	Jamshidi	128/753

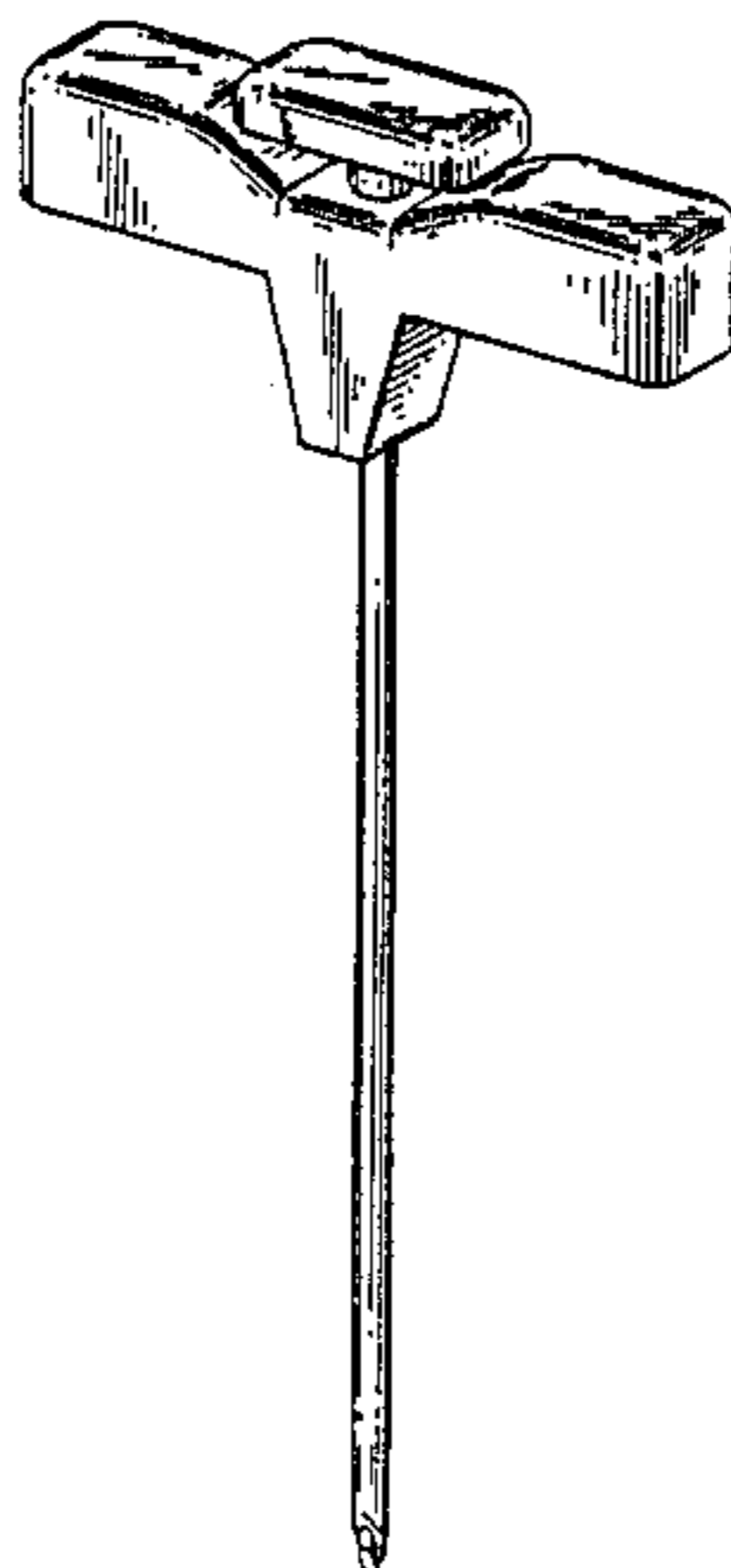


FIG. 1

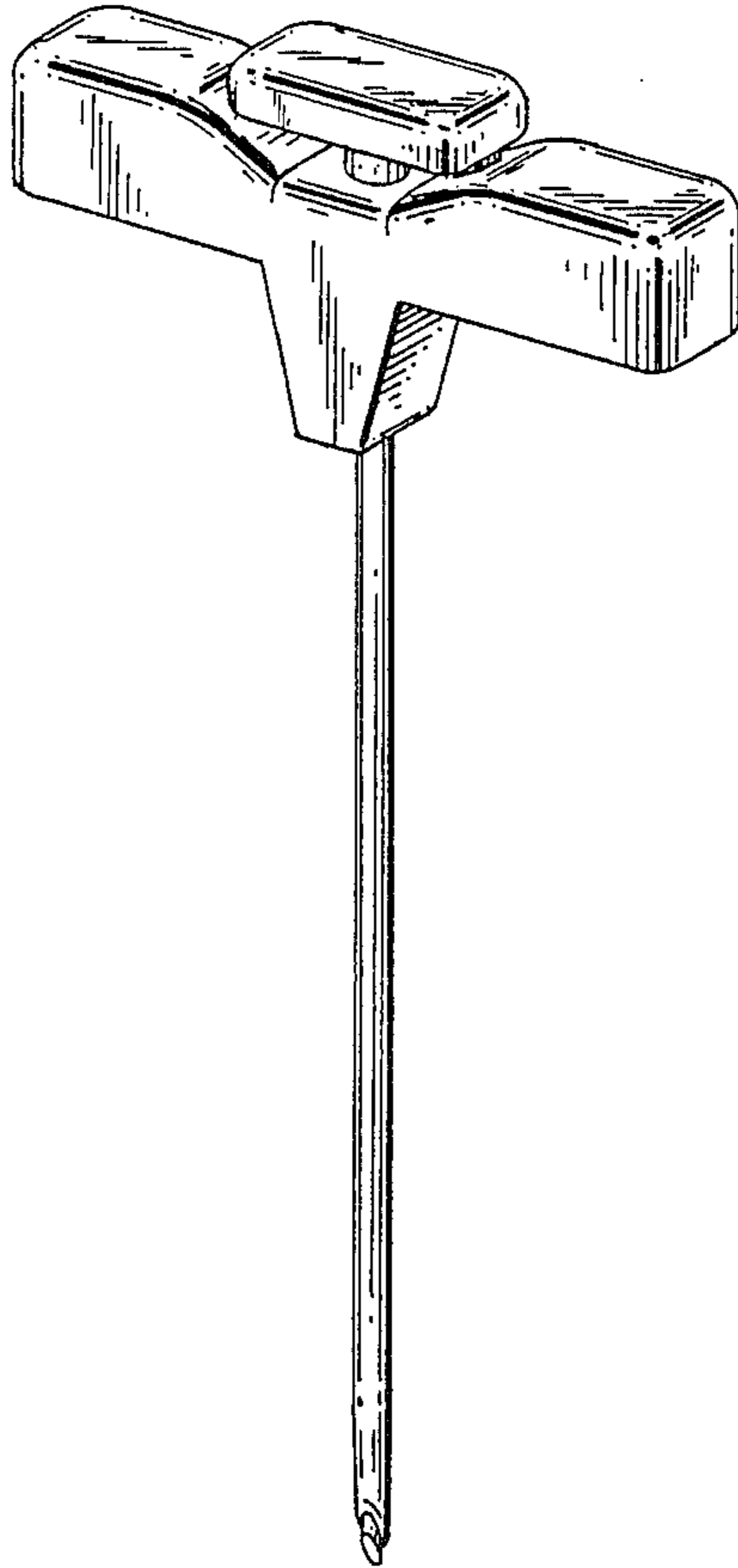


FIG. 2

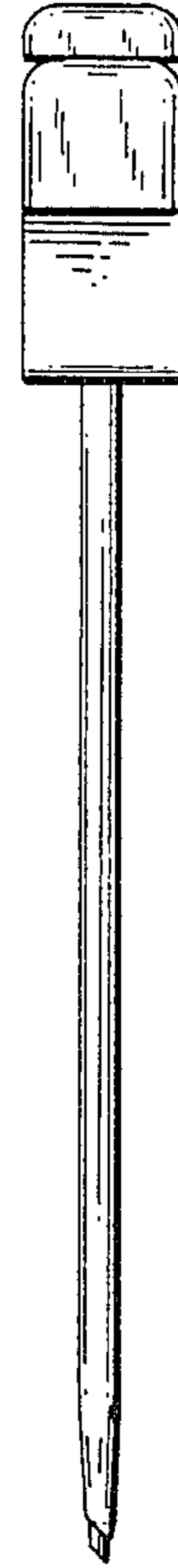


FIG. 3



FIG. 4

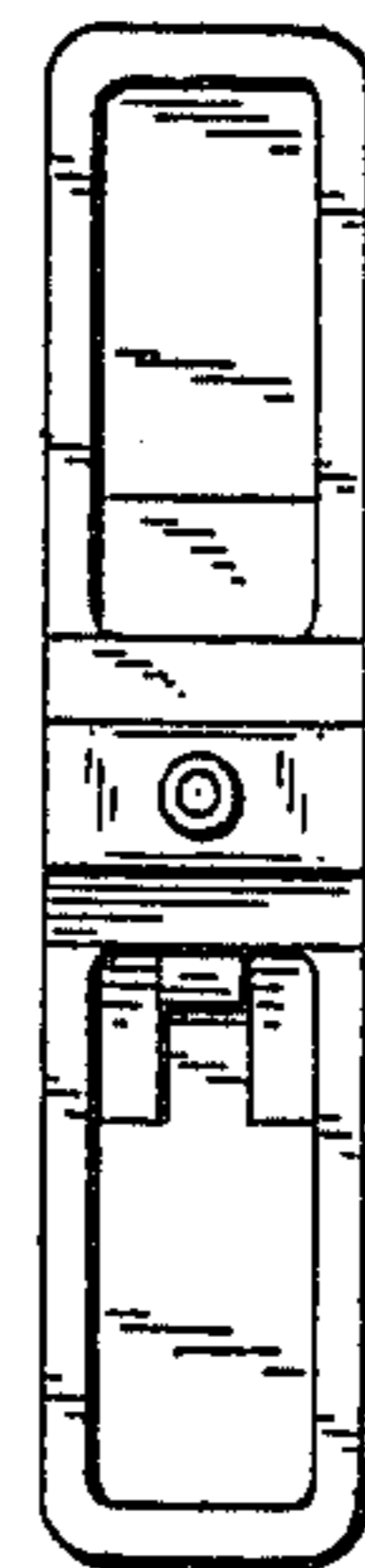


FIG. 5

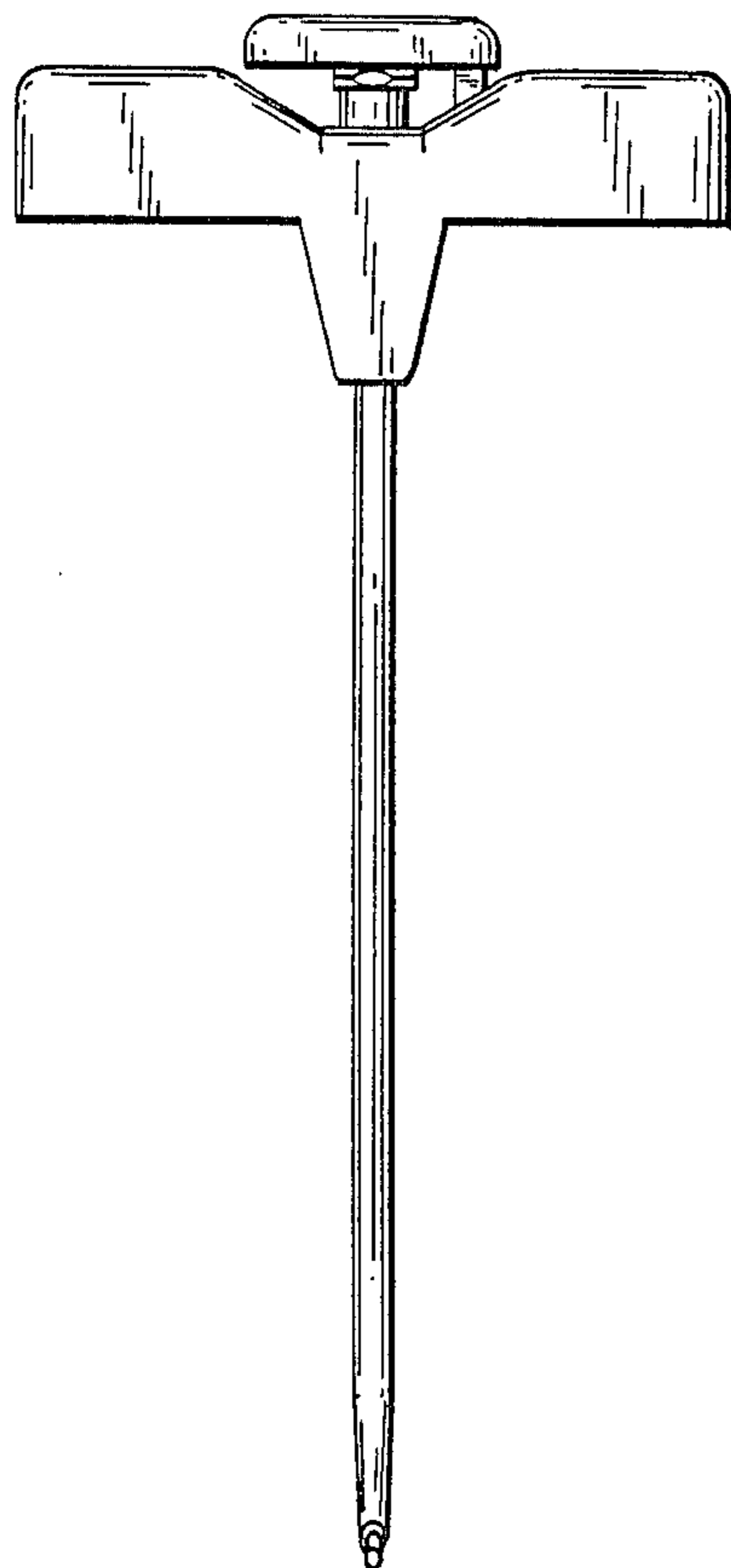


FIG. 6

