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

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(54) **DENTAL HAND INSTRUMENT WITH A SMOOTH WAVY HANDGRIP PORTION**

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(73) Assignee: **Ultradent Products, Inc.**, Sandy, UT (US)

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

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(51) **LOC (7) Cl.** **24-02**

(52) **U.S. Cl.** **D24/152; D8/107; D24/133; D24/139**

(58) **Field of Search** D24/139, 133, D24/152, 176, 147; D8/107, 300, 83, 94, 301, 310, 312; 433/141, 142, 143, 144, 114, 30, 147

(56) **References Cited**

U.S. PATENT DOCUMENTS

D. 36,878	*	4/1904	Seeger	D24/152
D. 300,850	*	4/1989	Brewer	D24/139
4,365,957	*	12/1982	Das	433/144
4,643,676	*	2/1987	Jansheski	433/143
6,042,378	*	3/2000	Fischer et al.	433/141

* cited by examiner

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(57) **CLAIM**

The dental hand instrument with a smooth wavy handgrip portion design, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a dental hand instrument with a smooth wavy handgrip portion. A mirror tip is shown in broken lines for illustrative purposes only and forms no part of the claimed design.

FIG. 2 is a side view of the dental hand instrument with a smooth wavy handgrip portion. A mirror tip is shown in broken lines for illustrative purposes only and forms no part of the claimed design.

FIG. 3 is a top plan view of the dental hand instrument with a smooth wavy handgrip portion with the tip removed.

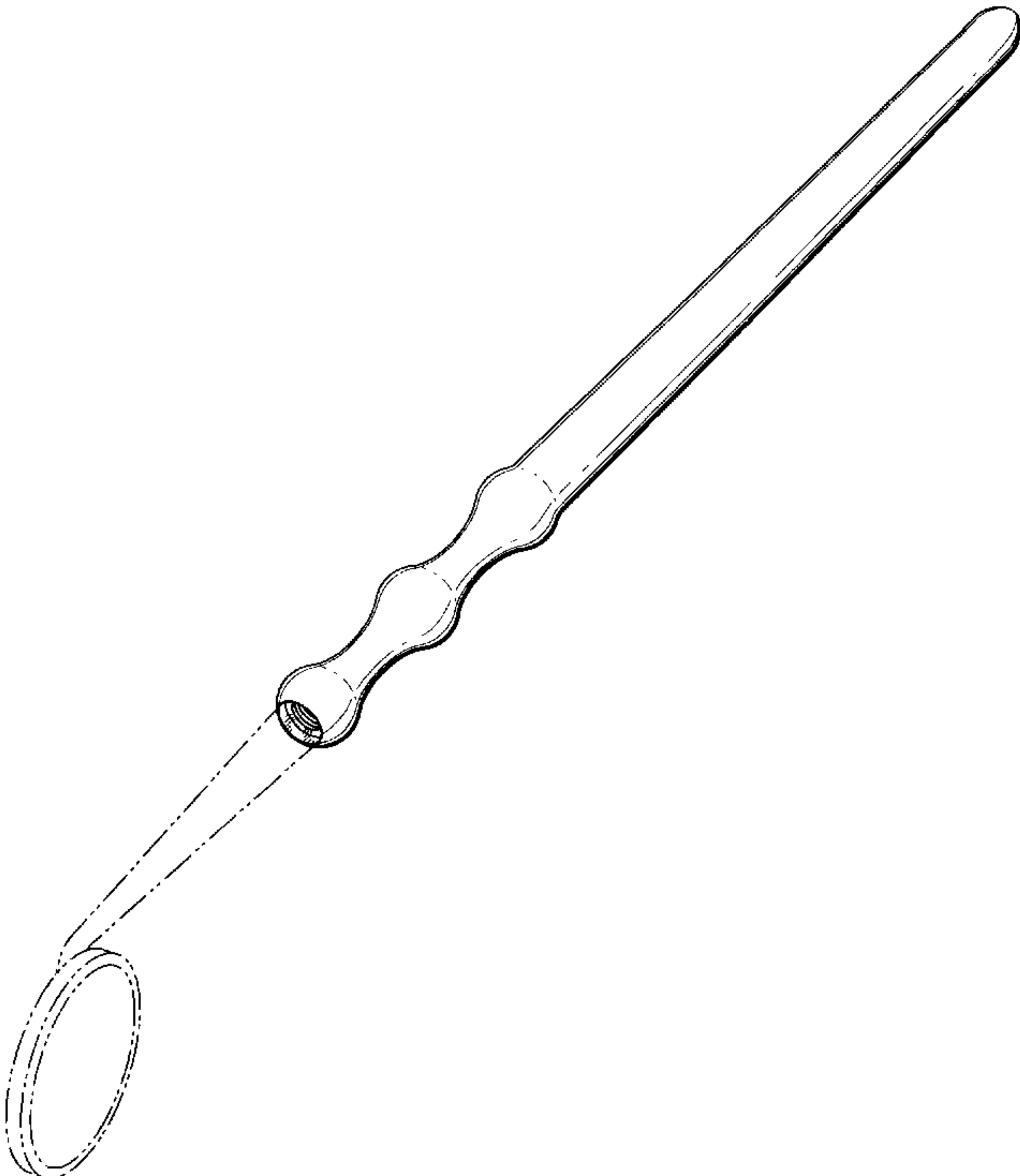
FIG. 4 is a bottom plan view of the dental hand instrument with a smooth wavy handgrip portion.

FIG. 5 a side view of the dental hand instrument with a smooth wavy handgrip portion. A hatchet tip is shown in broken lines for illustrative purposes only and forms no part of the claimed design.

FIG. 6 is a side view of the dental hand instrument with a smooth wavy handgrip portion. An exporer tip is shown in broken lines for illustrative purposes only and forms no part of the claimed design; and,

FIG. 7 a side view of the dental hand instrument with a smooth wavy handgrip portion. A composite packer tip is shown in broken lines for illustrative purposes only and forms no part of the claimed design.

1 Claim, 3 Drawing Sheets



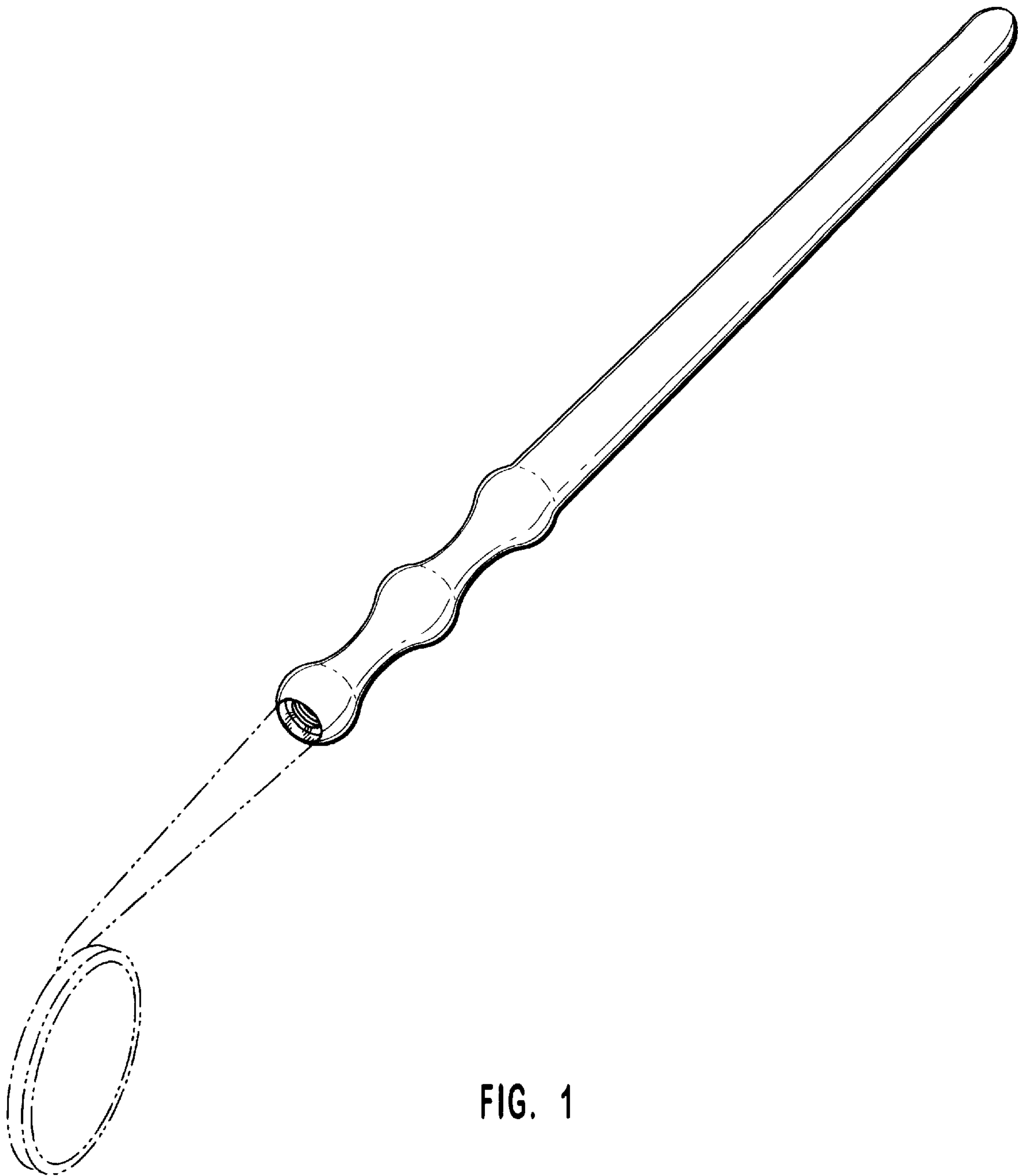


FIG. 1

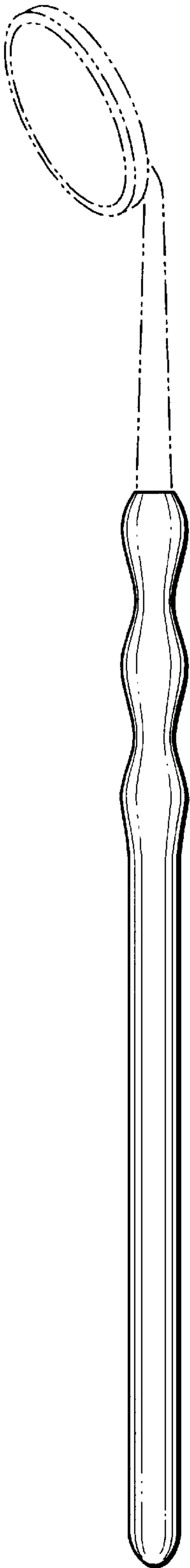


FIG. 2

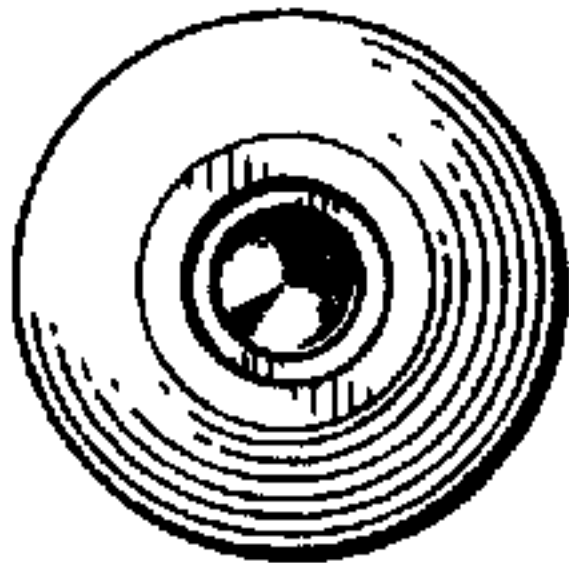


FIG. 3

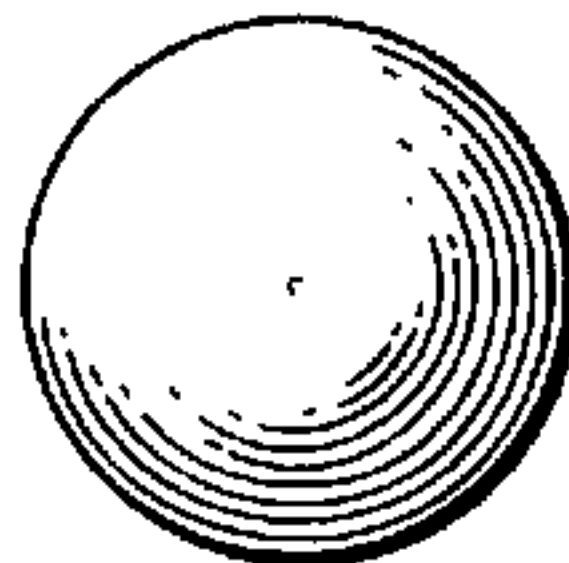


FIG. 4



FIG. 5

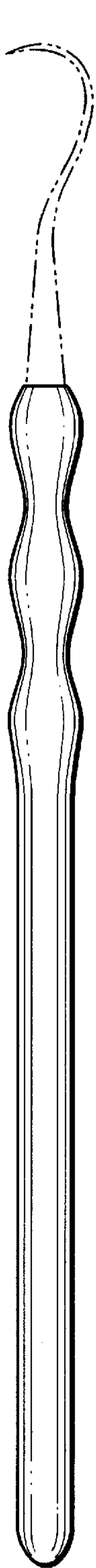


FIG. 6



FIG. 7