



US00D728103S

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

(10) **Patent No.:** **US D728,103 S**  
(45) **Date of Patent:** **\*\* Apr. 28, 2015**

(54) **BONE FUSION IMPLANT**

(71) Applicant: **Nextremity Solutions, Inc.**, Red Bank, NJ (US)

(72) Inventors: **Stuart D. Katchis**, Scarsdale, NY (US); **Lon S. Weiner**, Rumson, NJ (US); **John R. Pepper**, Cheshire, CT (US)

(73) Assignee: **Nextremity Solutions, Inc.**, Red Bank, NJ (US)

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

(21) Appl. No.: **29/462,898**

(22) Filed: **Aug. 9, 2013**

(51) **LOC (10) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/155**

(58) **Field of Classification Search**  
USPC ..... D24/155, 156, 145; 606/75, 86 R, 248, 606/282, 293, 297; 623/11, 16, 17.11, 623/17.13, 19.11; D8/391-393, 367; 227/902

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D281,814 S *	12/1985	Pratt et al. ....	D24/145
5,454,814 A *	10/1995	Comte .....	606/75
D364,462 S *	11/1995	Michelson .....	D24/145
D378,409 S *	3/1997	Michelson .....	D24/145
5,779,707 A *	7/1998	Bertholet et al. ....	606/75
6,187,009 B1 *	2/2001	Herzog et al. ....	606/75
D586,915 S *	2/2009	Grim .....	D24/145
D587,370 S *	2/2009	Coillard-Lavirotte et al. ....	D24/155

D596,294 S *	7/2009	Coillard-Lavirotte et al. ....	D24/155
8,518,089 B2 *	8/2013	Gabele .....	606/282
D691,720 S *	10/2013	Cheney et al. ....	D24/145
2004/0127902 A1 *	7/2004	Suzuki et al. ....	606/69
2010/0174328 A1 *	7/2010	Seaton et al. ....	606/86 R
2014/0039561 A1 *	2/2014	Weiner et al. ....	606/282

\* cited by examiner

*Primary Examiner* — Ian Simmons

*Assistant Examiner* — Charles Hanson

(74) *Attorney, Agent, or Firm* — Heslin Rothenberg Farley & Mesiti P.C.

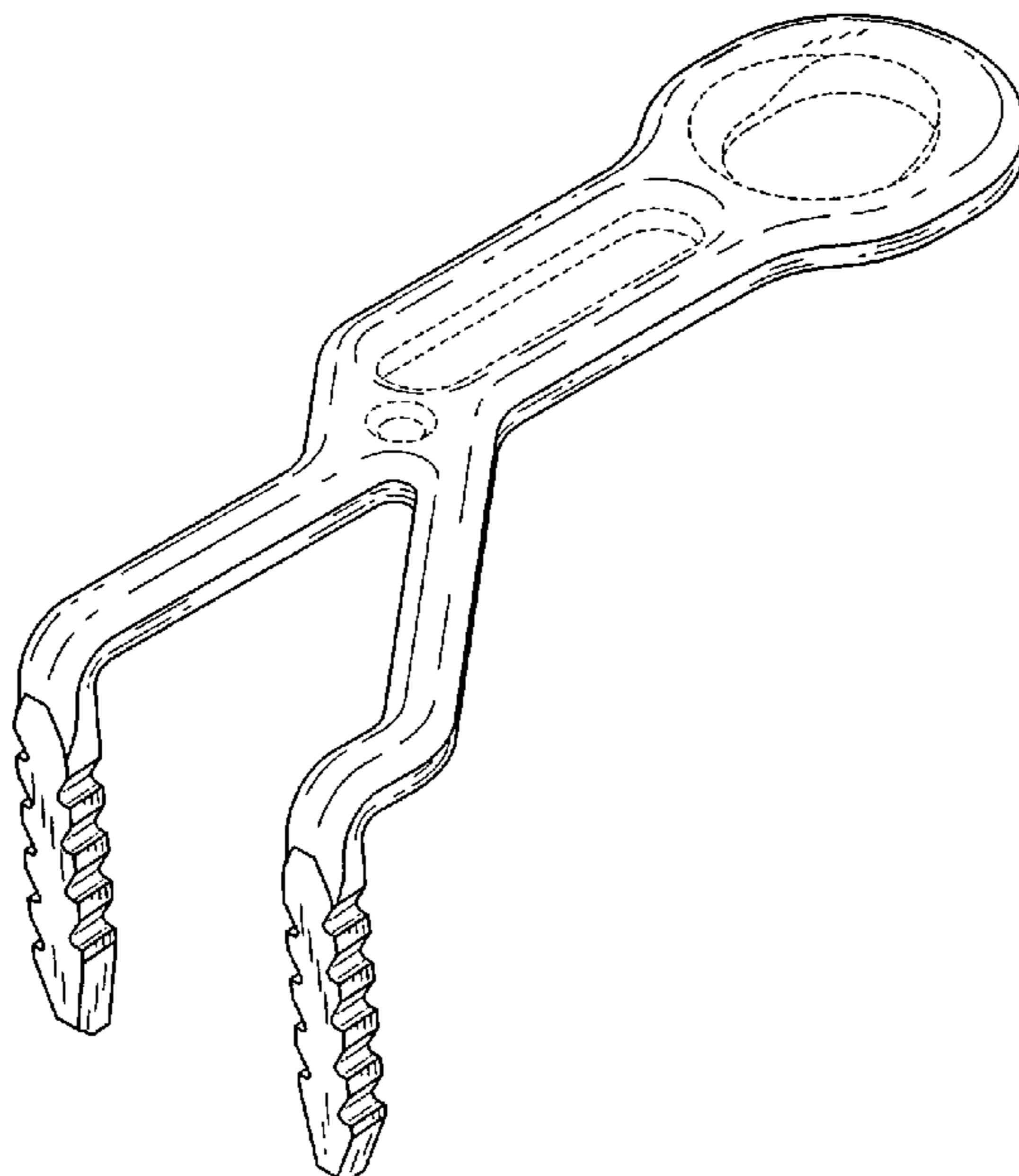
(57) **CLAIM**

The ornamental design for the bone fusion implant, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of the bone fusion implant comprising our new design;  
FIG. 2 is a bottom perspective view of the design of FIG. 1;  
FIG. 3 is a top plan view of the design of FIG. 1;  
FIG. 4 is a bottom plan view of the design of FIG. 1;  
FIG. 5 is a front elevational view of the design of FIG. 1;  
FIG. 6 is a back elevational view of the design of FIG. 1;  
FIG. 7 is a left side elevational view of the design of FIG. 1; and,  
FIG. 8 is a right side elevational view of the design of FIG. 1. The broken lines immediately adjacent to the claimed areas represent the bounds of the claimed design while all other broken lines are directed to the environment and are for illustrative purposes only; the broken lines form no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



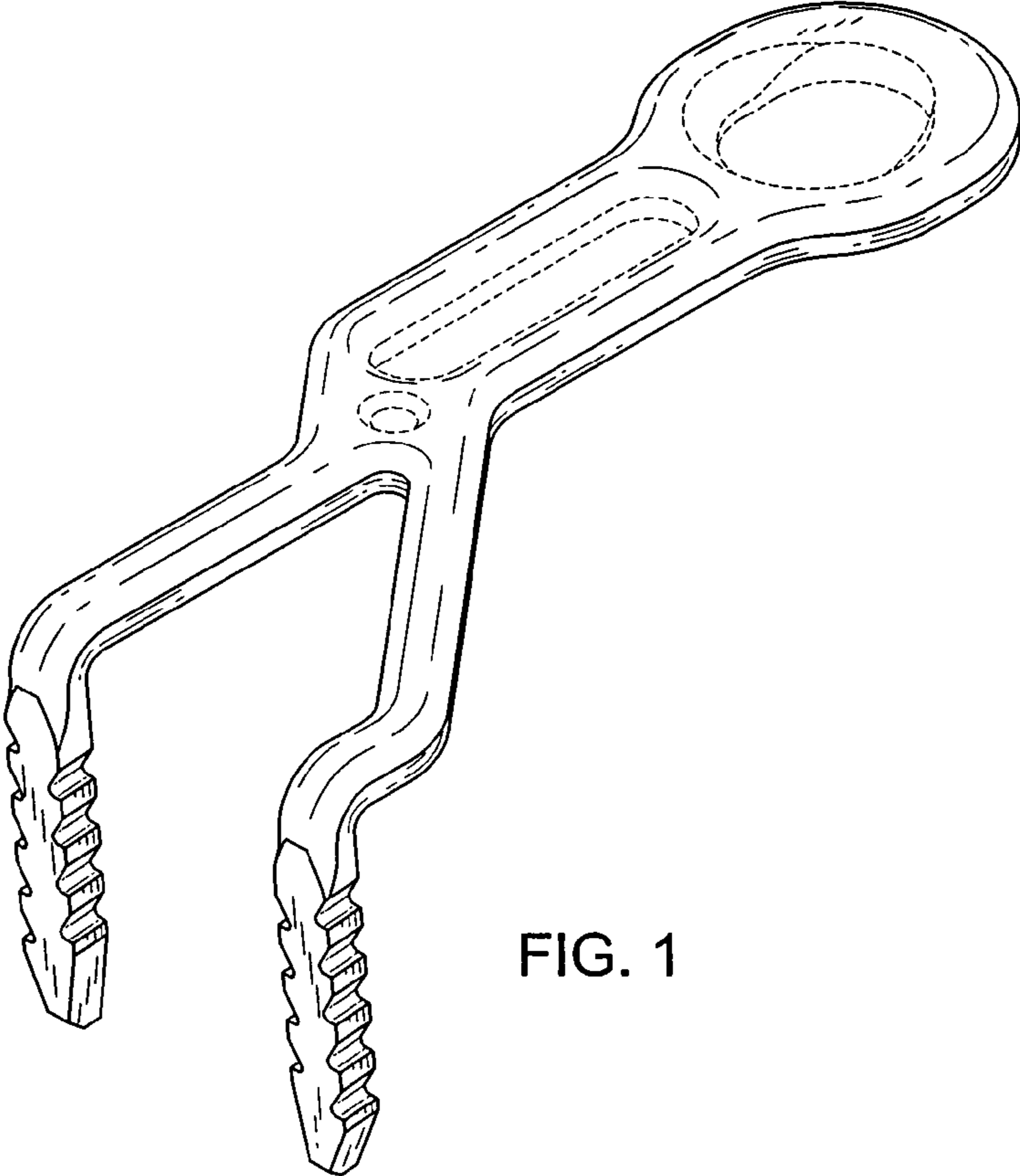


FIG. 1

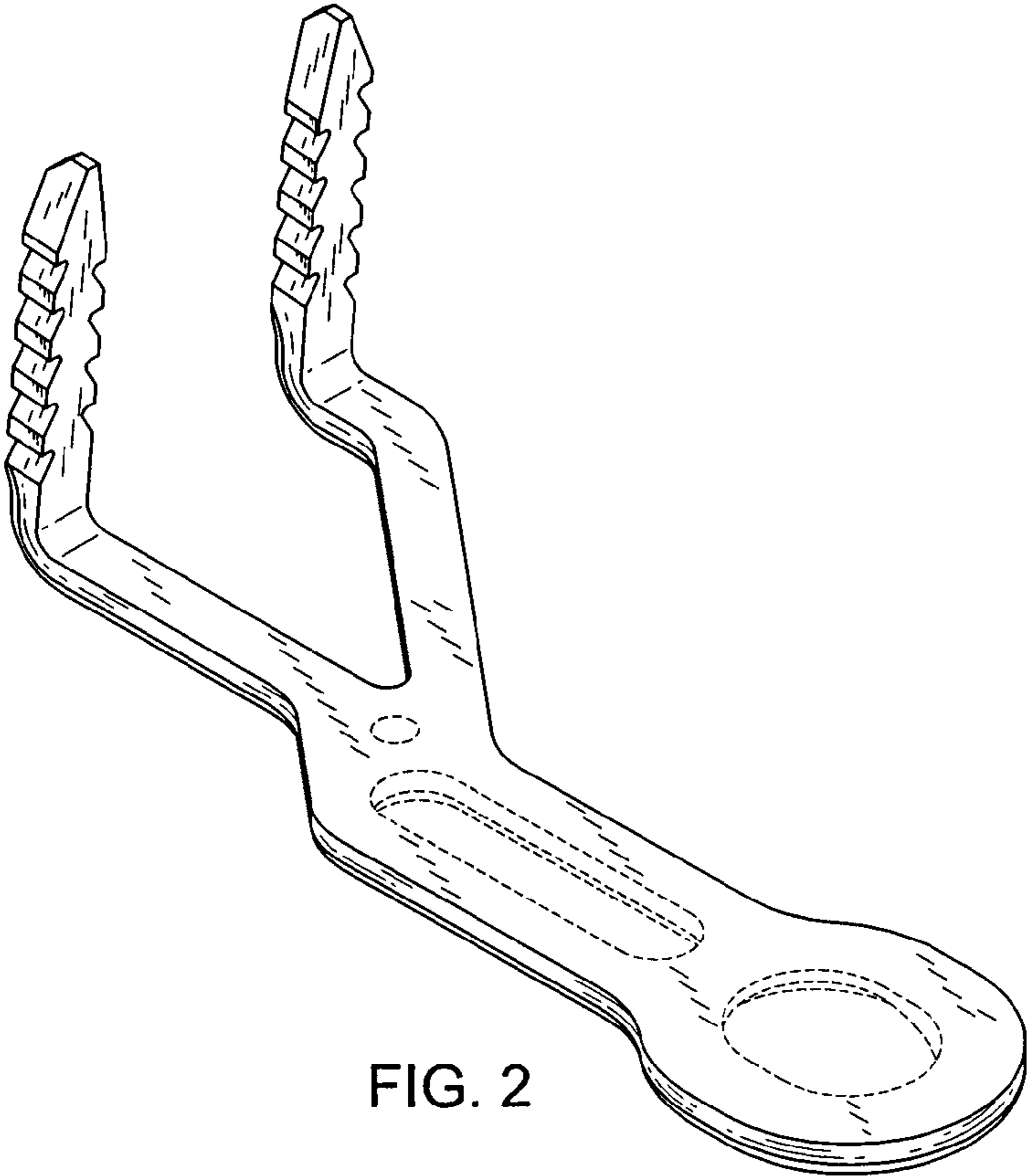
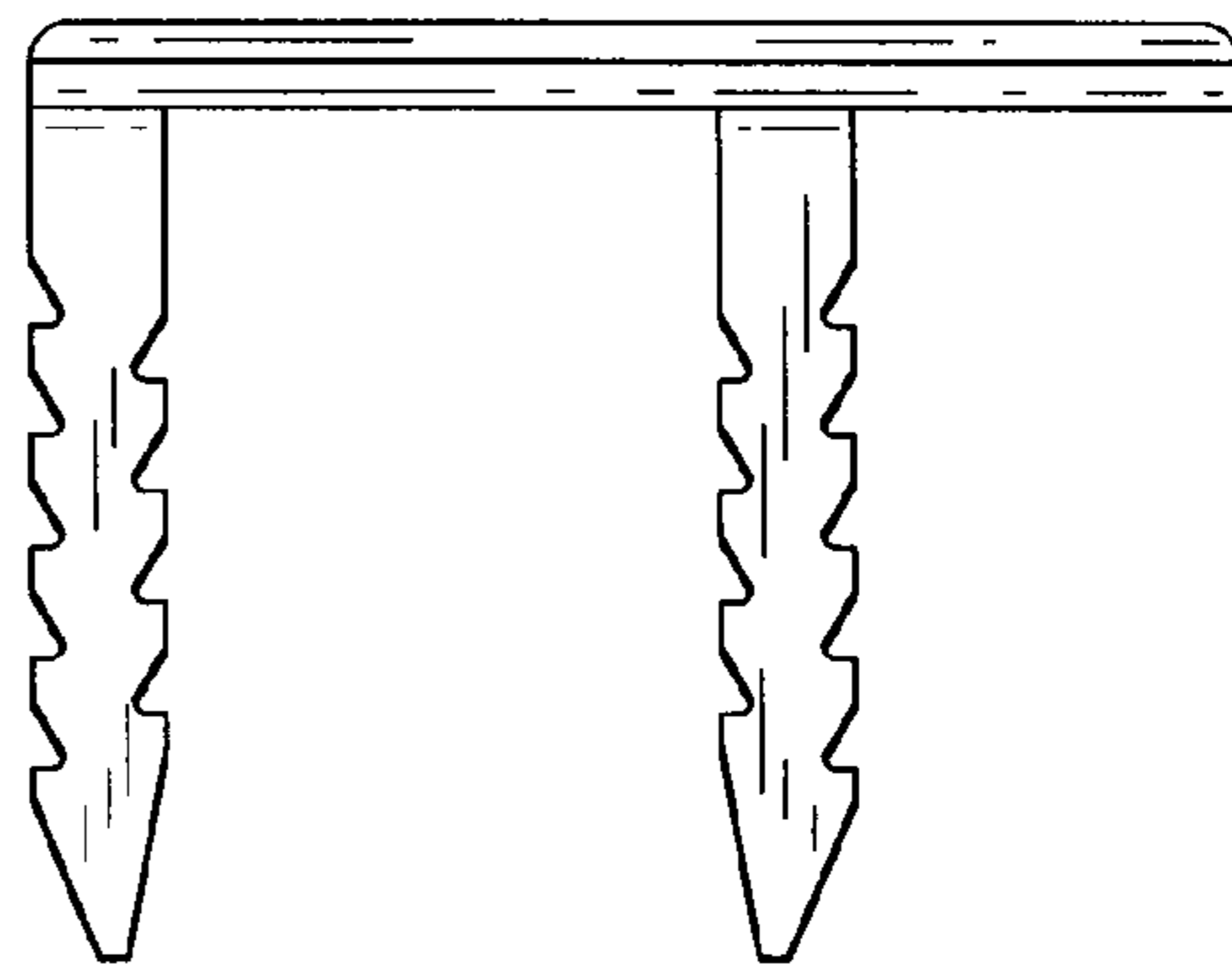
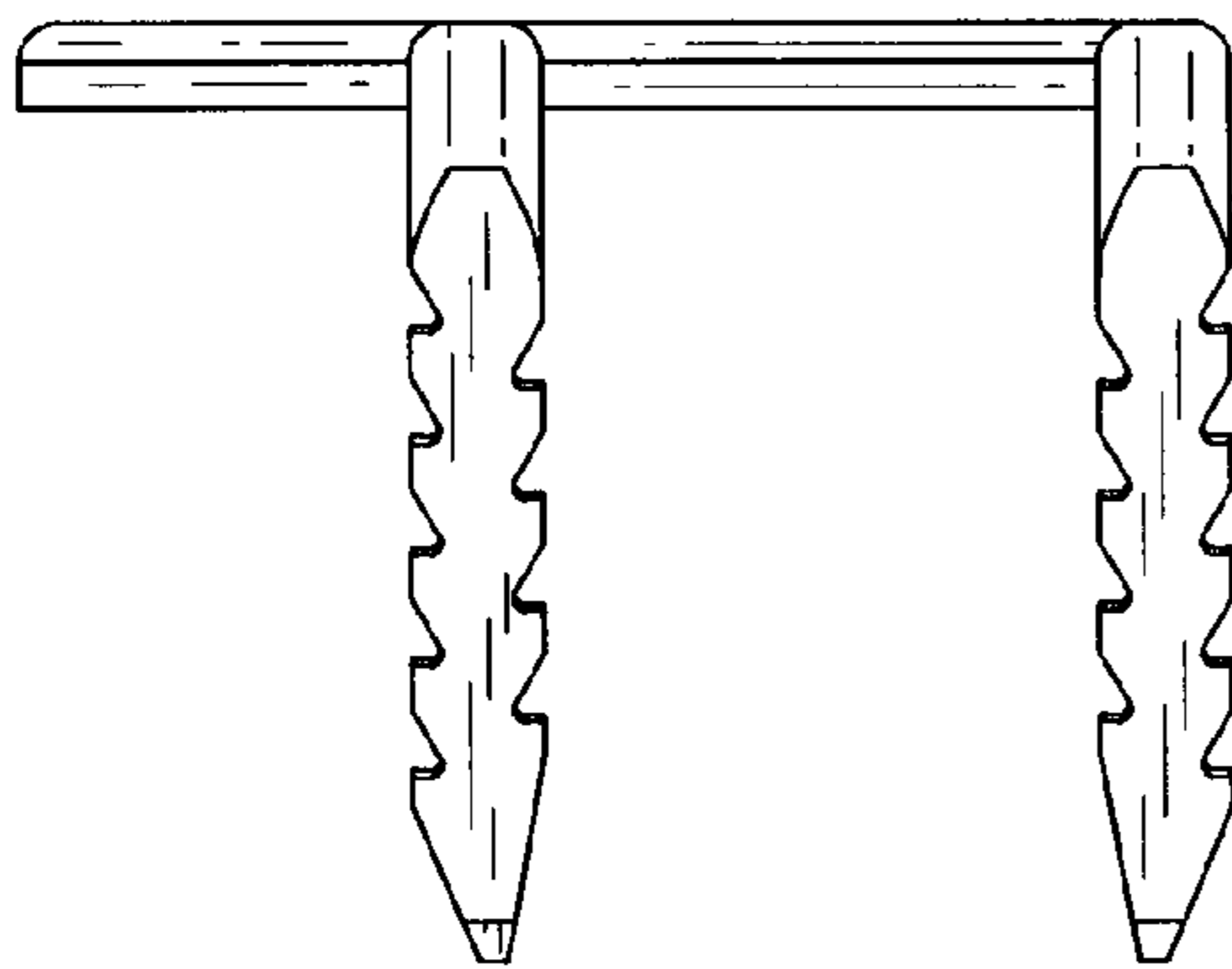
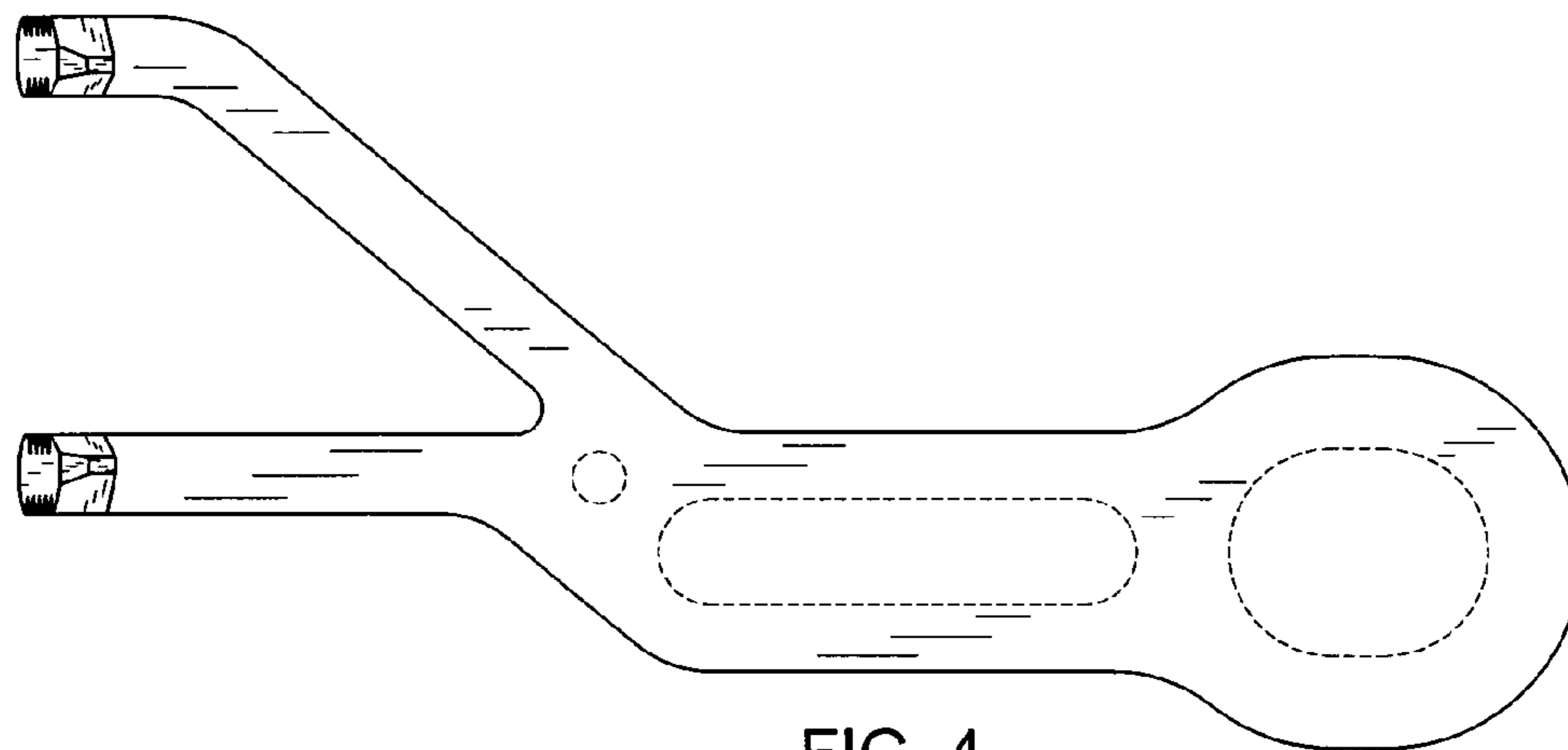
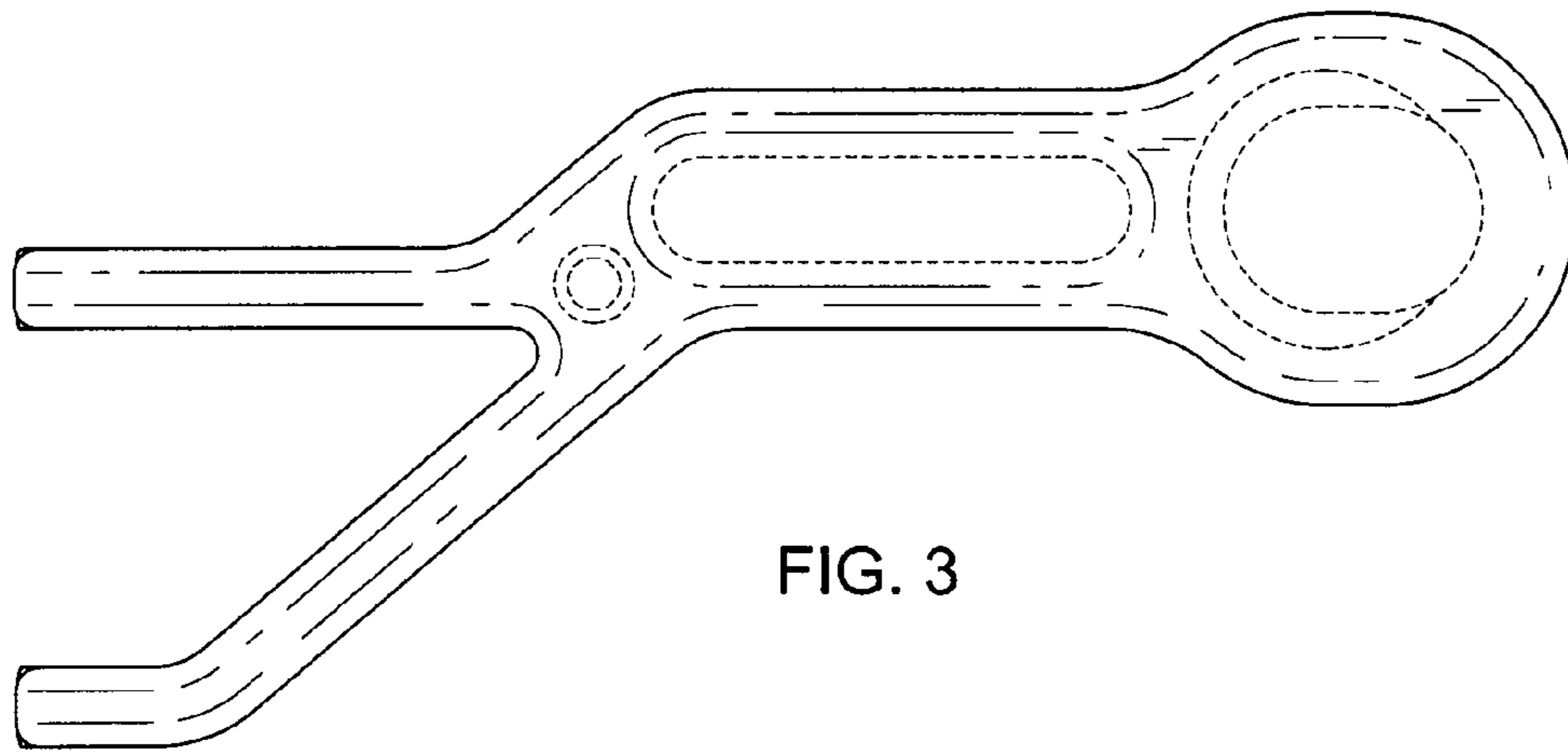


FIG. 2



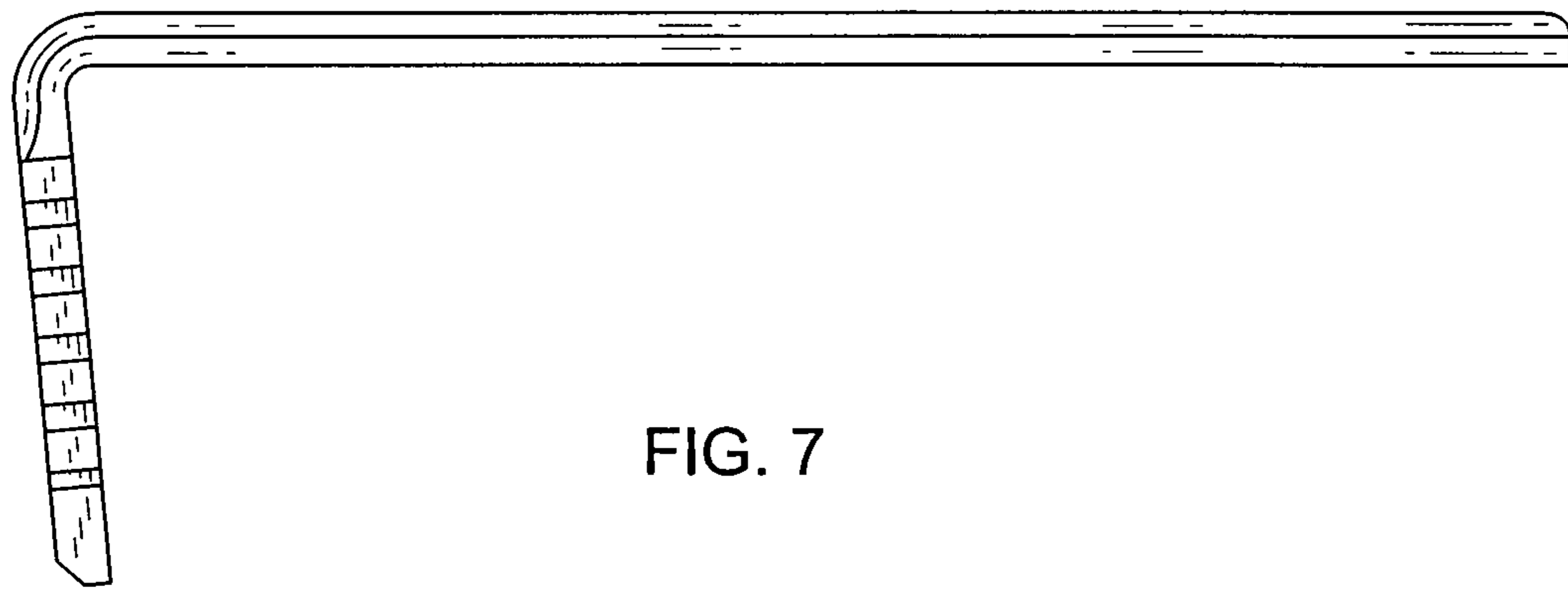


FIG. 7

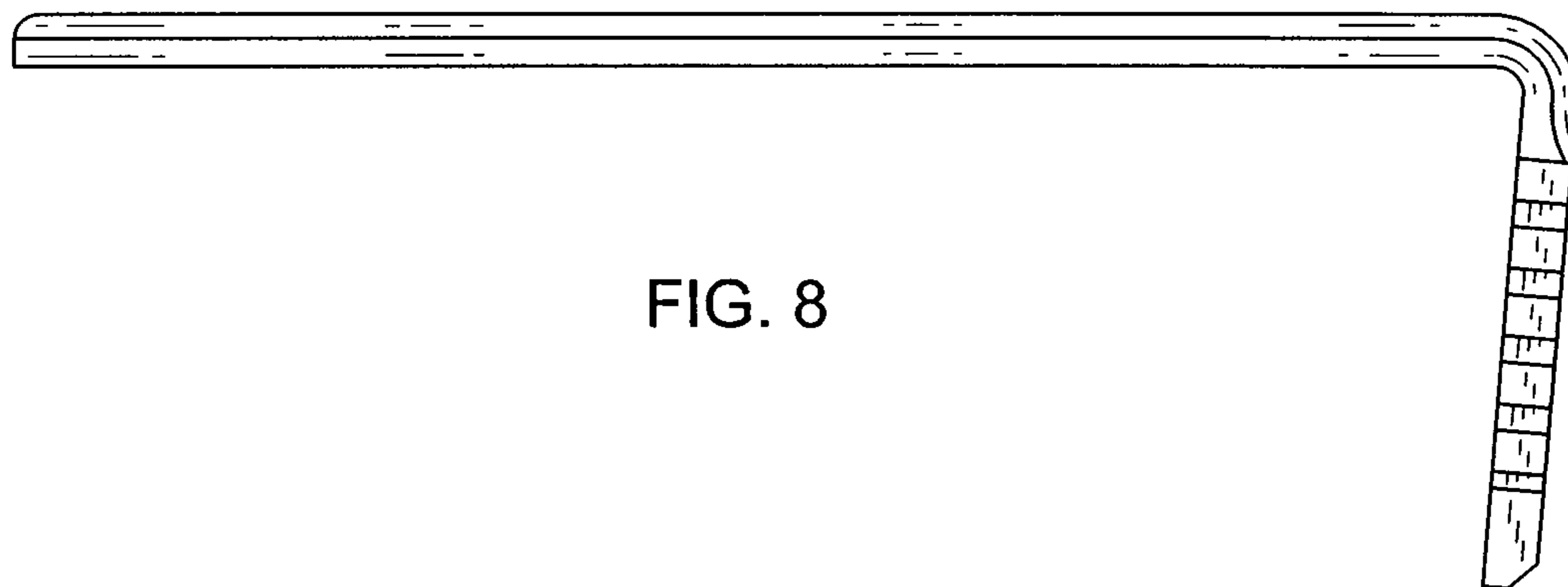


FIG. 8