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

(10) **Patent No.:** **US D576,729 S**  
(45) **Date of Patent:** **\*\* Sep. 9, 2008**

(54) **JAWBONE CUTTING INSTRUMENT**

(57) **CLAIM**

(75) Inventors: **Shinichi Tanaka**, Kanuma (JP); **Masaki Nakagawa**, Kanuma (JP)

The ornamental design for a jawbone cutting instrument, as shown and described.

(73) Assignee: **Nakanishi, Inc.**, Kanuma-shi (JP)

**DESCRIPTION**

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

DESCRIPTION OF THE DESIGN

(21) Appl. No.: **29/296,557**

This article is mainly used for cutting jawbone in the field of oral surgery.

(22) Filed: **Oct. 29, 2007**

FIG. 1 is a front view of the jawbone cutting instrument;

(51) **LOC (8) Cl.** ..... **24-02**

FIG. 2 is a rear view of the jawbone cutting instrument of FIG. 1;

(52) **U.S. Cl.** ..... **D24/144**

(58) **Field of Classification Search** ..... D24/144,  
D24/146, 147, 152; 606/169, 170, 79, 53,  
606/1, 32, 37, 39, 45, 47, 80, 86, 84  
See application file for complete search history.

FIG. 3 is a right side view of the jawbone cutting instrument of FIG. 1;

FIG. 4 is a left side view of the jawbone cutting instrument of FIG. 1;

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,135,528	A *	8/1992	Winston	606/79
D331,113	S *	11/1992	Buss et al.	D24/147
D337,160	S *	7/1993	Evans	D24/146
D339,419	S *	9/1993	Hood et al.	D24/146
D342,313	S *	12/1993	Hood et al.	D24/146
D509,588	S *	9/2005	Vercellotti et al.	D24/144
D509,899	S *	9/2005	Vercellotti et al.	D24/144
D525,707	S *	7/2006	Kullmer et al.	D24/146
D539,908	S *	4/2007	Vercellotti et al.	D24/144
D539,909	S *	4/2007	Vercellotti et al.	D24/144
D551,764	S *	9/2007	Easley	D24/144
2004/0267268	A1 *	12/2004	Gillespie et al.	606/80
2006/0142774	A1 *	6/2006	Metzger	606/79

FIG. 5 is a plan view of the jawbone cutting instrument of FIG. 1;

FIG. 6 is a bottom view of the jawbone cutting instrument of FIG. 1; and

FIG. 7 is a perspective view from upper right side of the jawbone cutting instrument of FIG. 1;

FIG. 8 is a perspective view from lower left side of the jawbone cutting instrument of FIG. 1;

FIG. 9 is an enlarged front view of the jawbone cutting instrument downward of line 9—9 in FIG. 1;

FIG. 10 is an enlarged left side view of the jawbone cutting instrument downward of line 10—10 in FIG. 4;

FIG. 11 is an enlarged bottom view of the jawbone cutting instrument leftward of line 11—11 in FIG. 6;

FIG. 12 is an enlarged perspective view of the jawbone cutting instrument downward of line 12—12 in FIG. 8; and,

FIG. 13 is a referential view of the jawbone cutting instrument of FIG. 1, in a state of use.

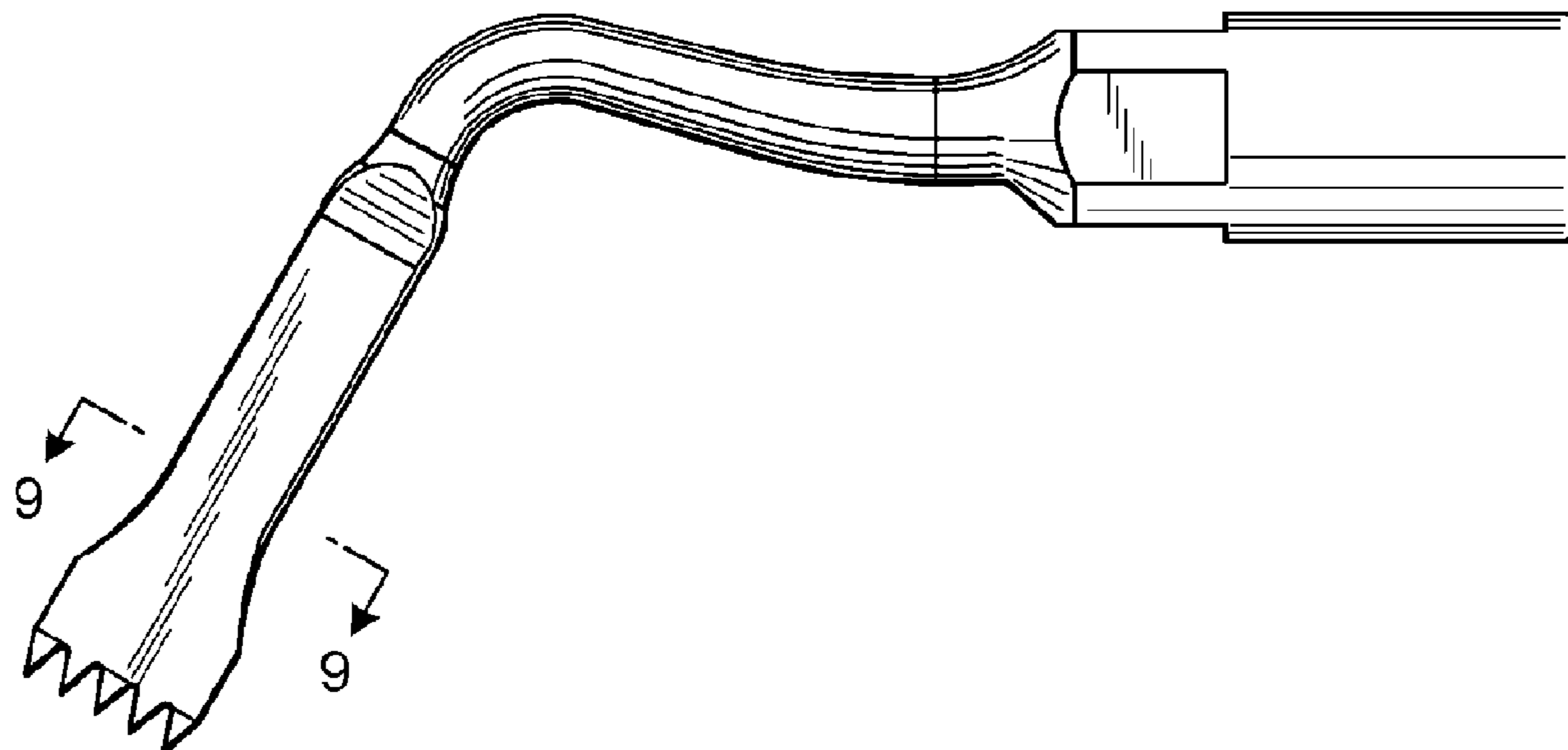
\* cited by examiner

*Primary Examiner*—Ian Simmons

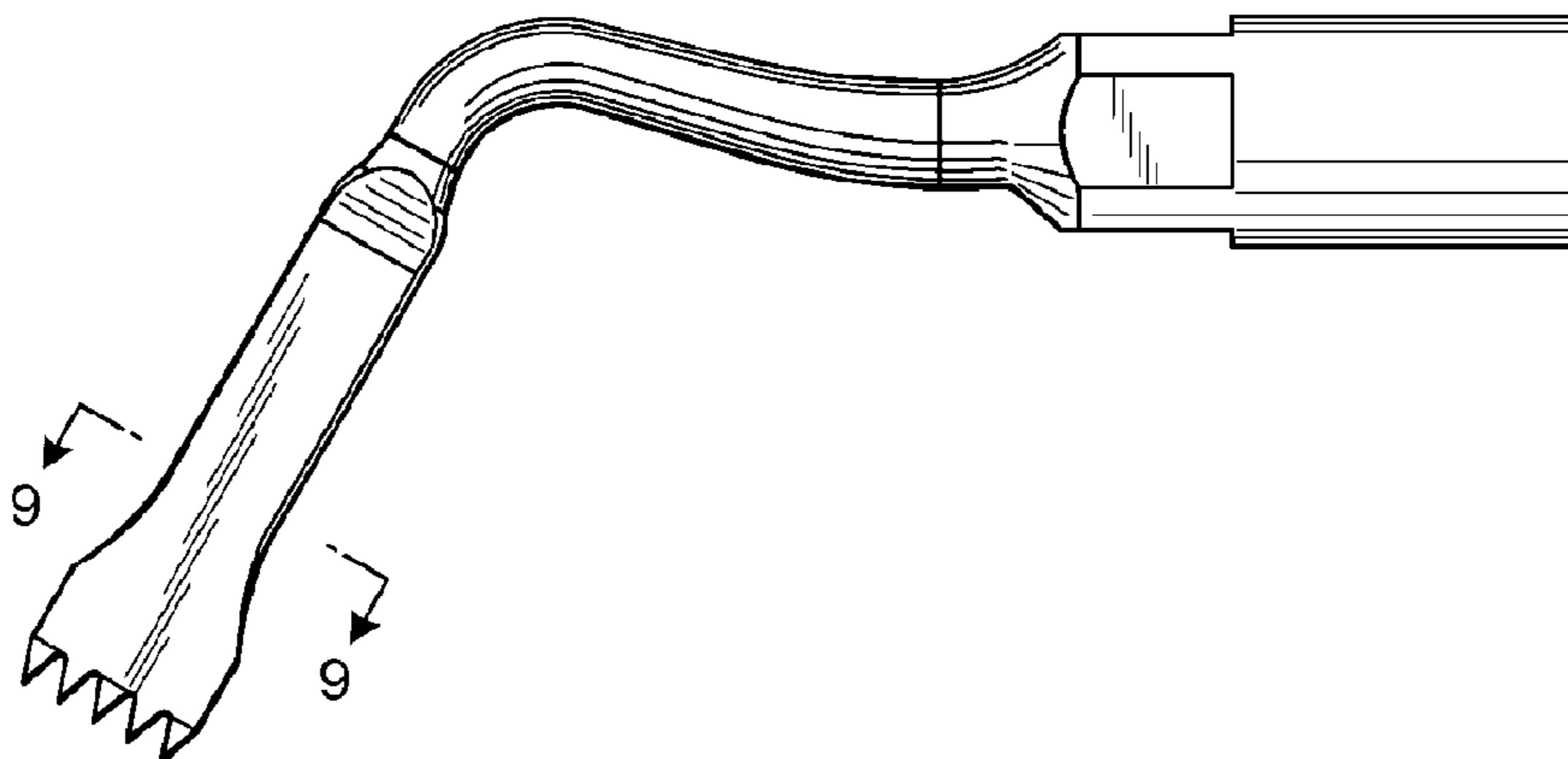
*Assistant Examiner*—Carissa C Fitts

(74) *Attorney, Agent, or Firm*—Hahn & Voight PLLC

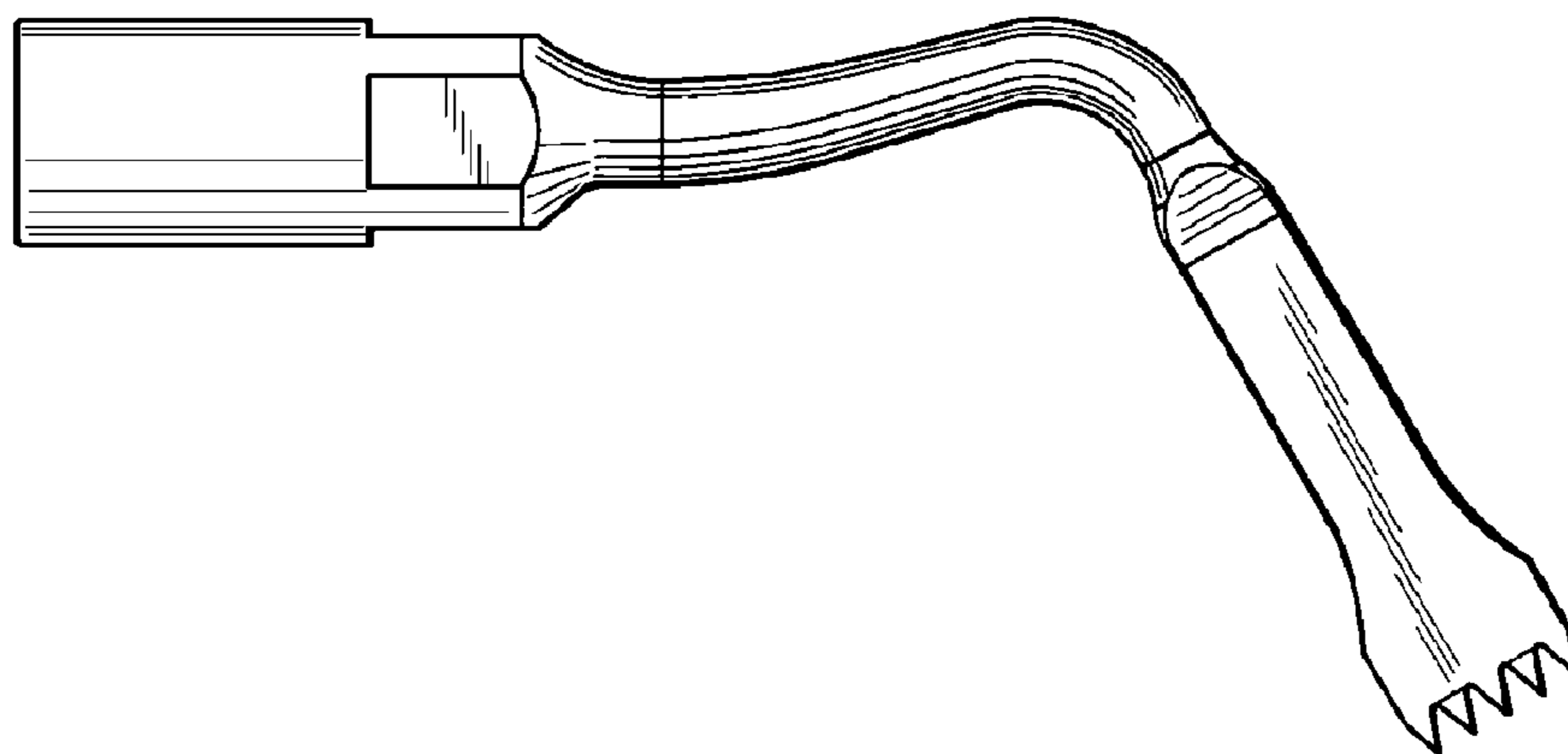
**1 Claim, 5 Drawing Sheets**



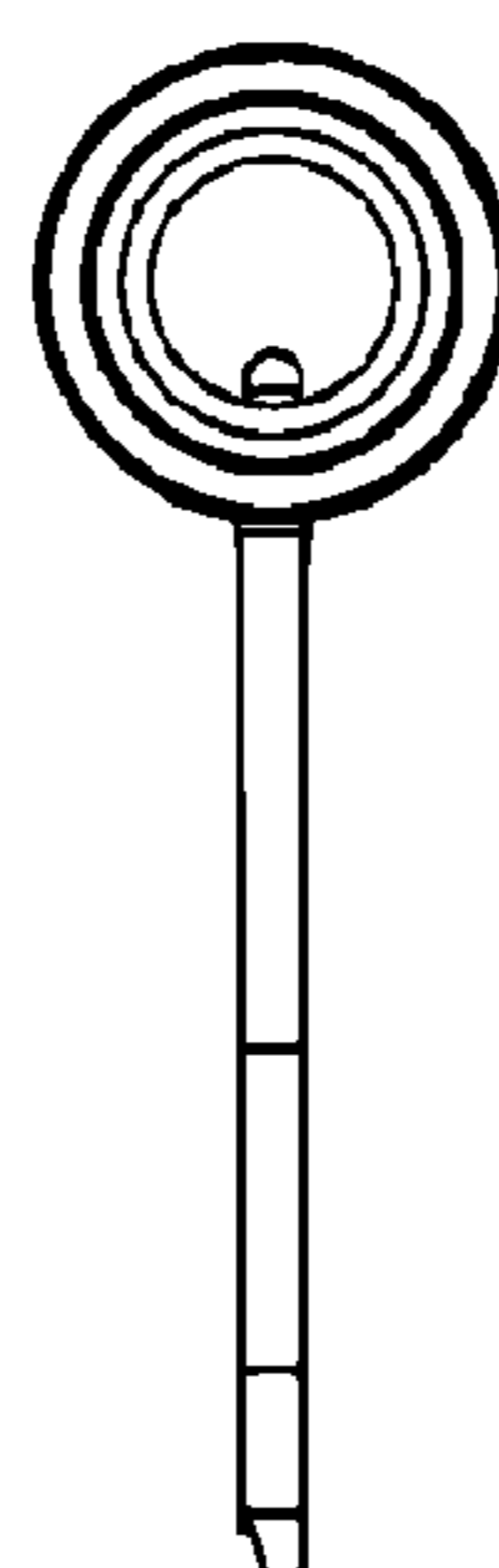
**FIG. 1**



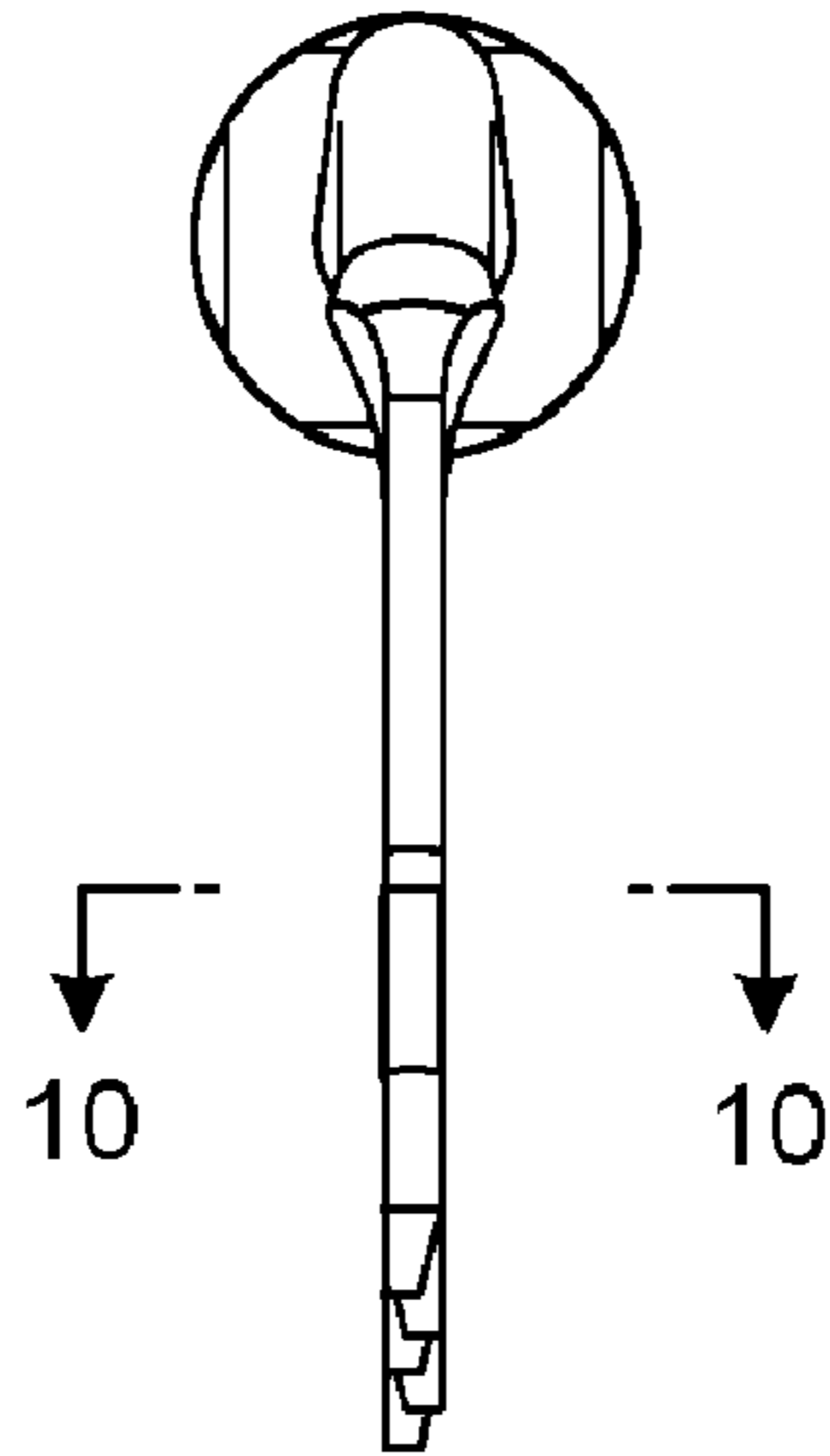
**FIG. 2**



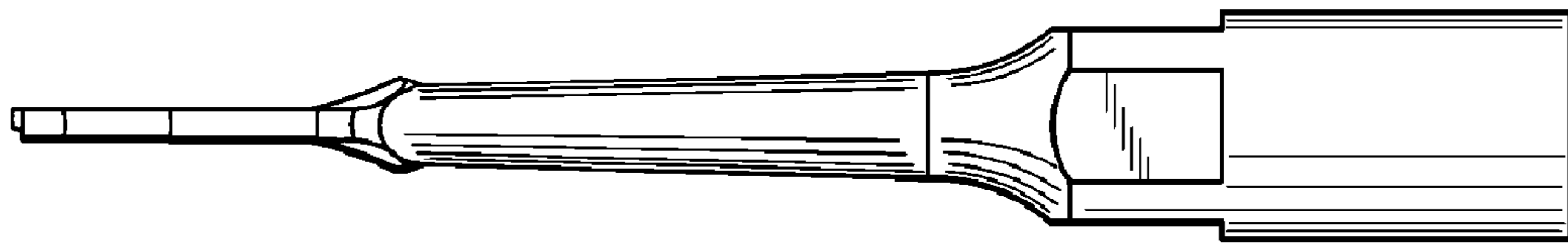
**FIG. 3**



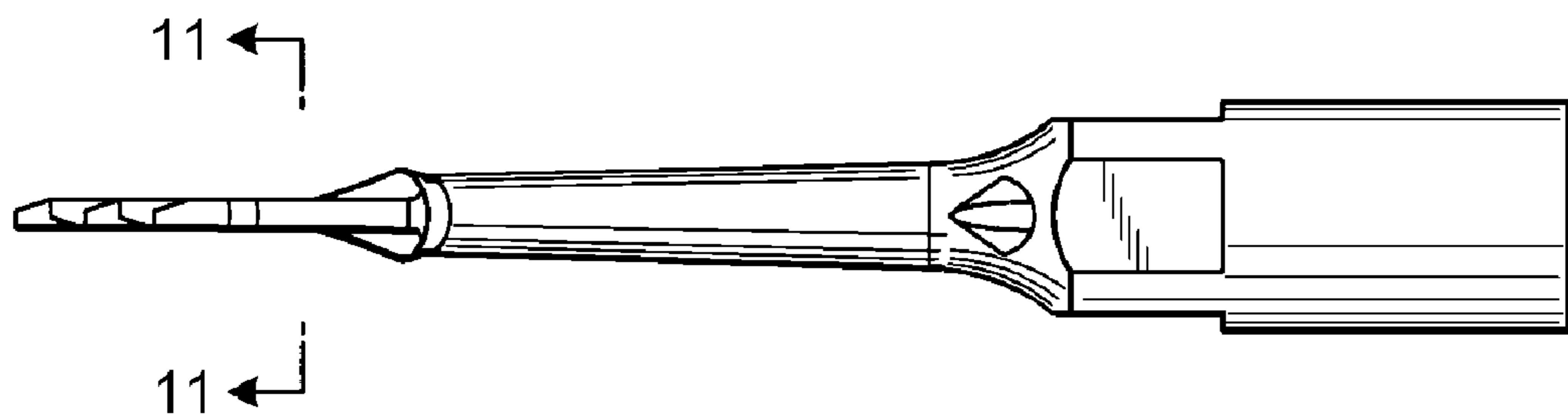
**FIG. 4**



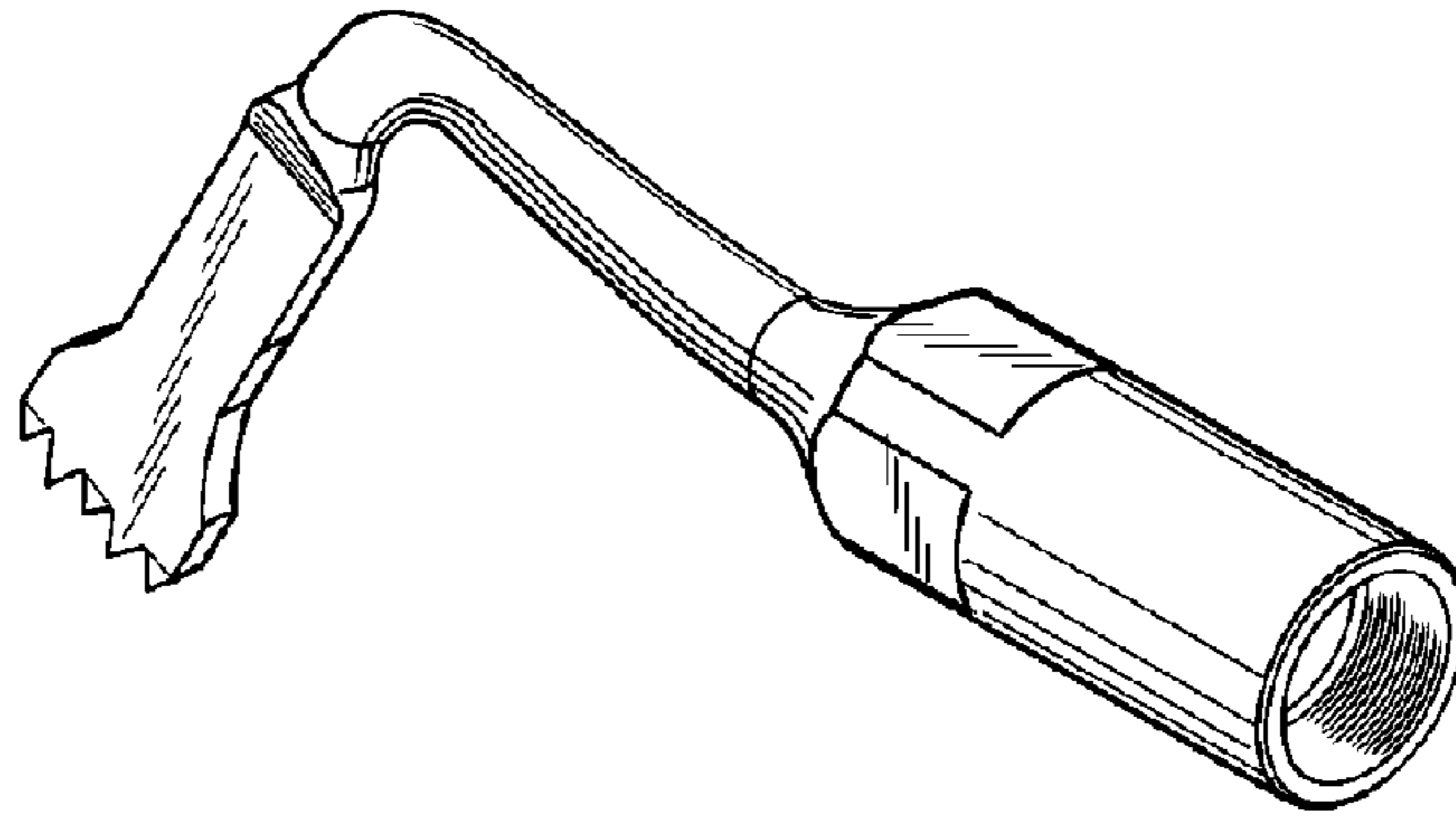
**FIG. 5**



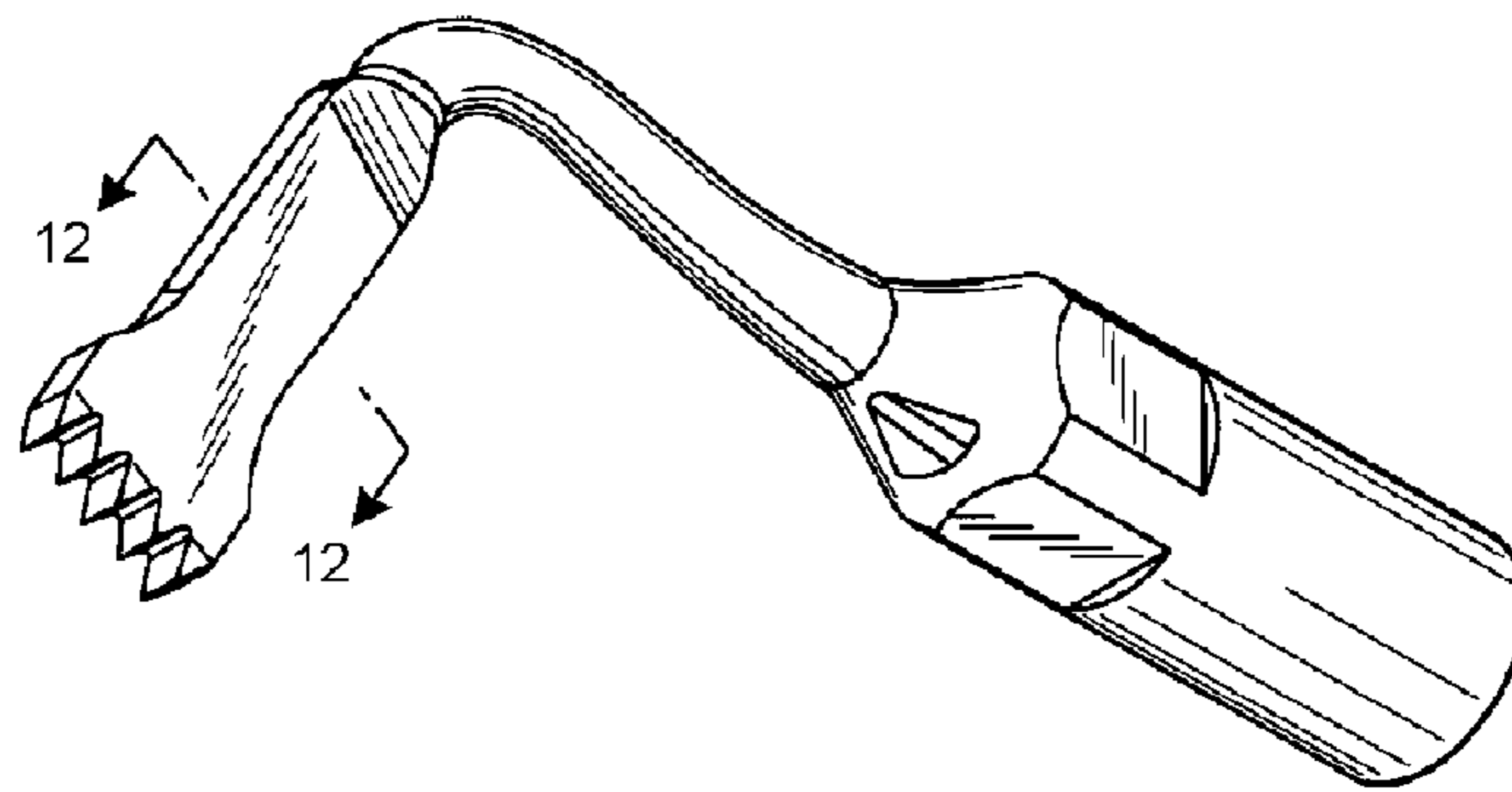
**FIG. 6**



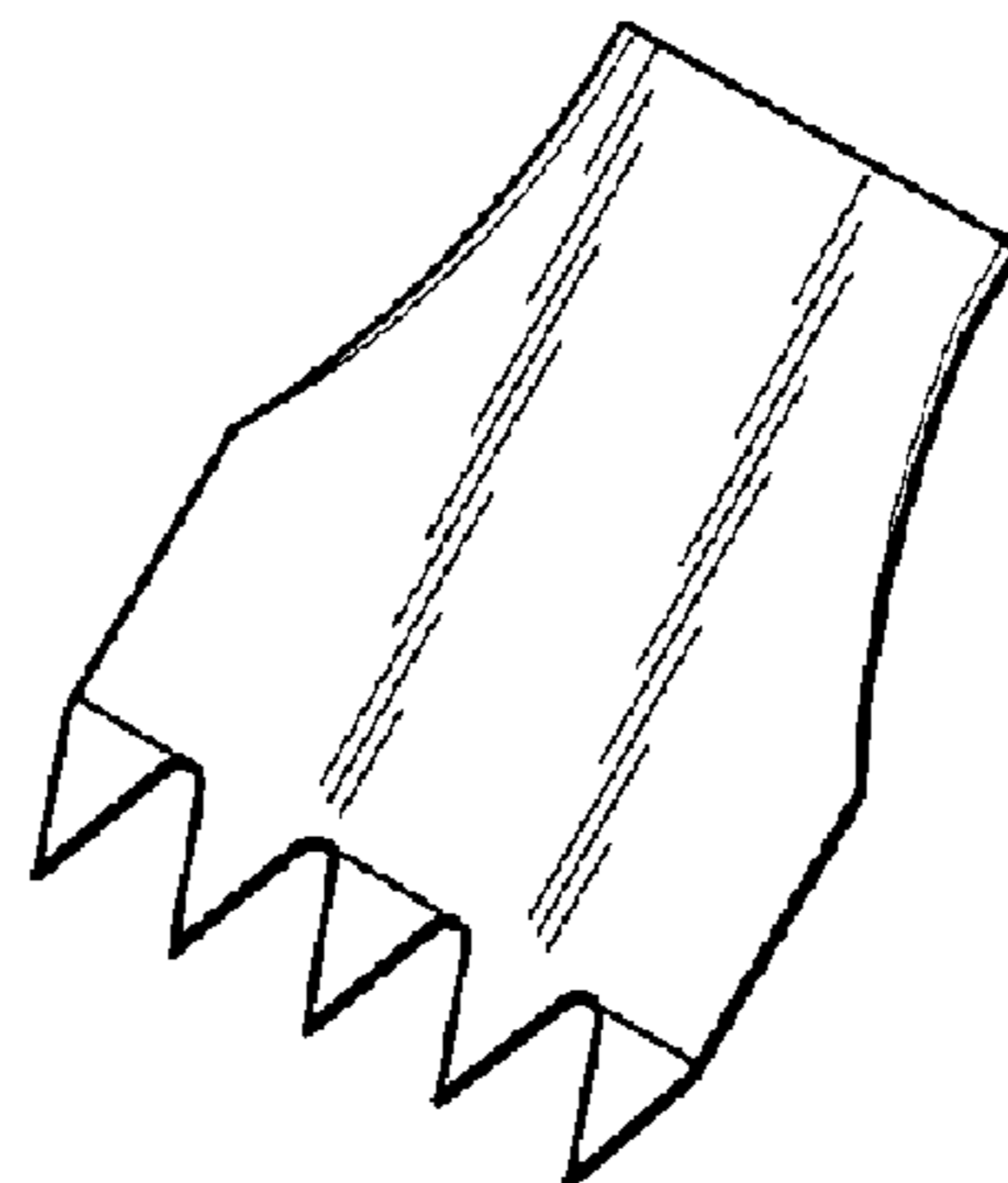
**FIG. 7**



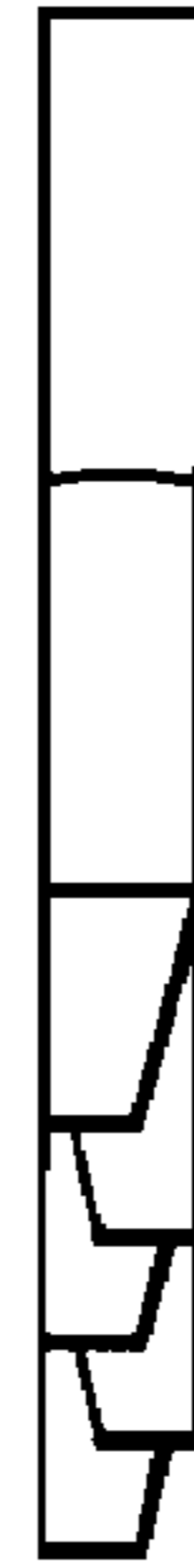
**FIG. 8**



**FIG. 9**



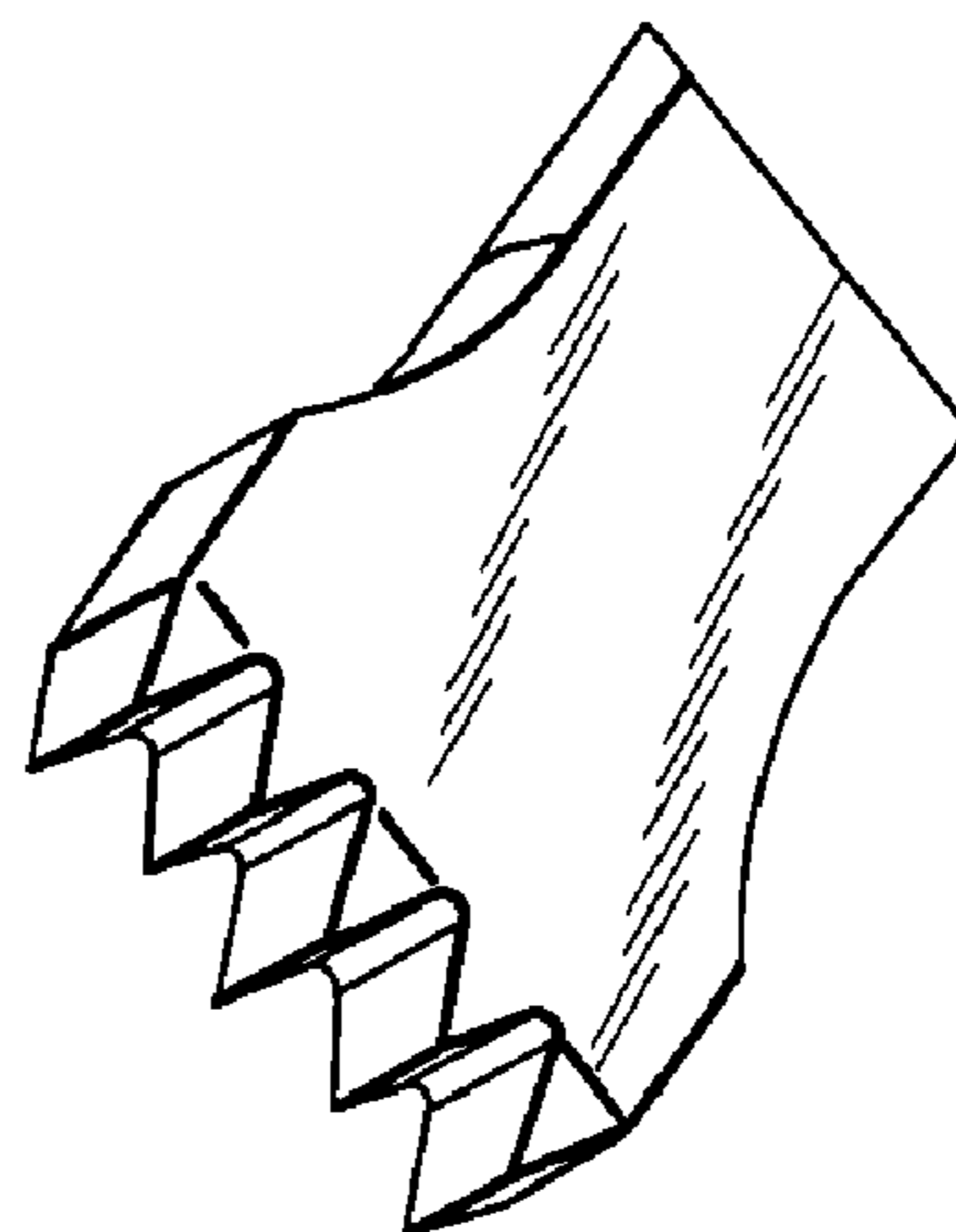
**FIG. 10**



**FIG. 11**



**FIG. 12**



**FIG. 13**

