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

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(54) **RETRACTOR**

2005/0027170 A1\* 2/2005 Nohara et al. .... 600/219  
2005/0215864 A1\* 9/2005 Jang ..... 600/217

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**OTHER PUBLICATIONS**

Storz Advertising Literature—"Endoscopes and Instruments for Ent Esophagoscopy-Bronchoscopy" catalog 8th edition, Jan. 2007, 2 pages.

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

\* cited by examiner

(21) Appl. No.: **29/332,621**

*Primary Examiner*—Charles A Rademaker

(22) Filed: **Feb. 20, 2009**

*Assistant Examiner*—Charles D Hanson

(30) **Foreign Application Priority Data**

(74) *Attorney, Agent, or Firm*—St. Onge Steward Johnston & Reens, LLC

Aug. 25, 2008 (EM) ..... 000991518

(57) **CLAIM**

(51) **LOC (9) Cl.** ..... **24-02**

The ornamental design for a retractor, as shown and described.

(52) **U.S. Cl.** ..... **D24/135**

(58) **Field of Classification Search** ..... D24/133,  
D24/135, 176, 152, 156, 140, 141, 143; 600/206,  
600/214, 164, 157, 156, 200, 113, 135, 138,  
600/121, 131, 153; 606/191, 196, 197, 198;  
D8/52, 56, 57

**DESCRIPTION**

See application file for complete search history.

FIG. 1 is a top isometric view of a retractor in accordance with the new design;

FIG. 2 is a top view thereof;

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,038,467 A \* 6/1962 Sovatkin ..... 600/219  
D314,826 S \* 2/1991 Torre ..... D24/135  
D448,080 S \* 9/2001 Moscarelli et al. .... D24/135  
D566,268 S \* 4/2008 Koros et al. .... D24/135  
D578,648 S \* 10/2008 Wood ..... D24/143

FIG. 3 is a bottom view thereof;

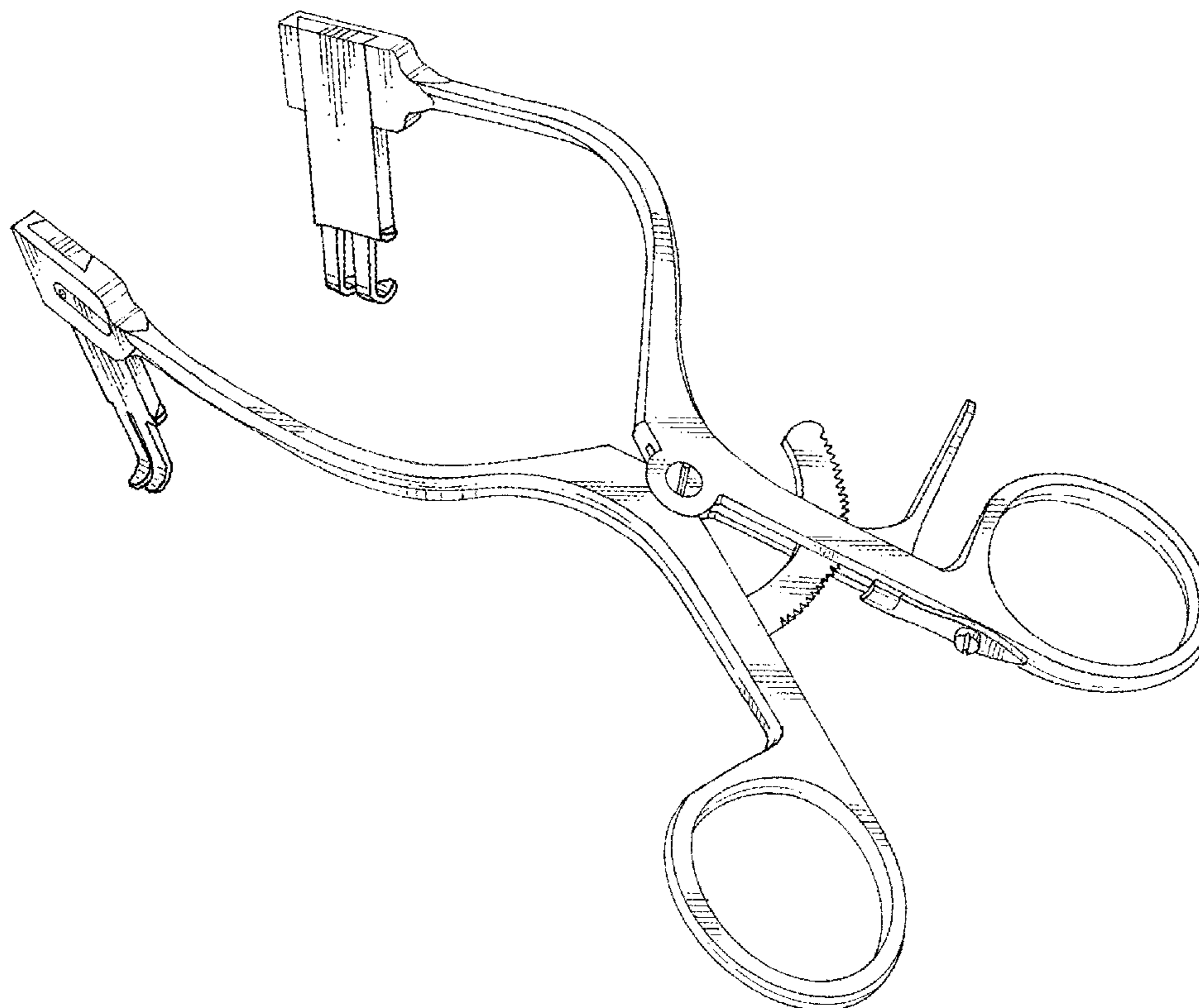
FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a front view thereof; and,

FIG. 7 is a rear view thereof.

**1 Claim, 7 Drawing Sheets**



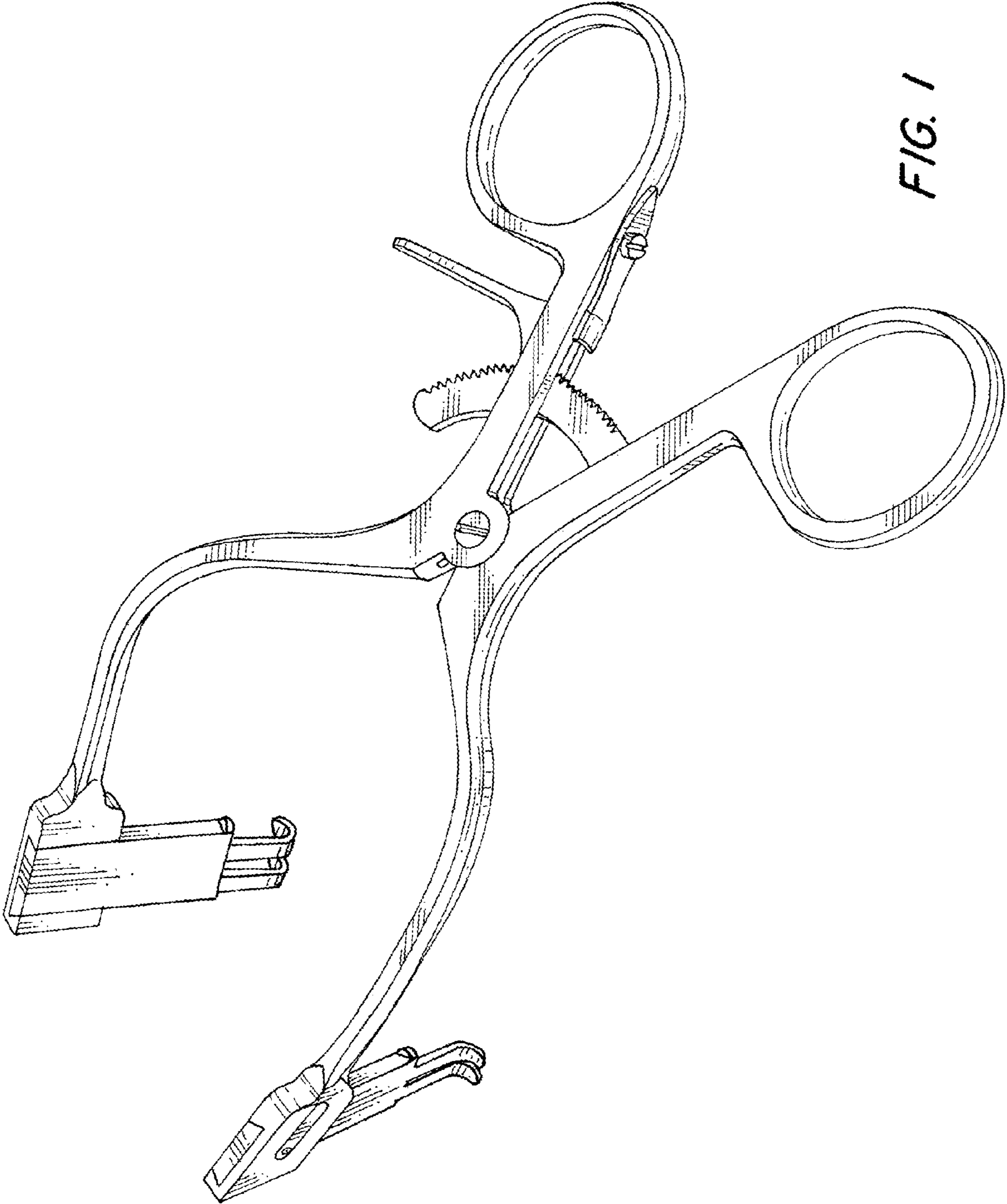


FIG. 1

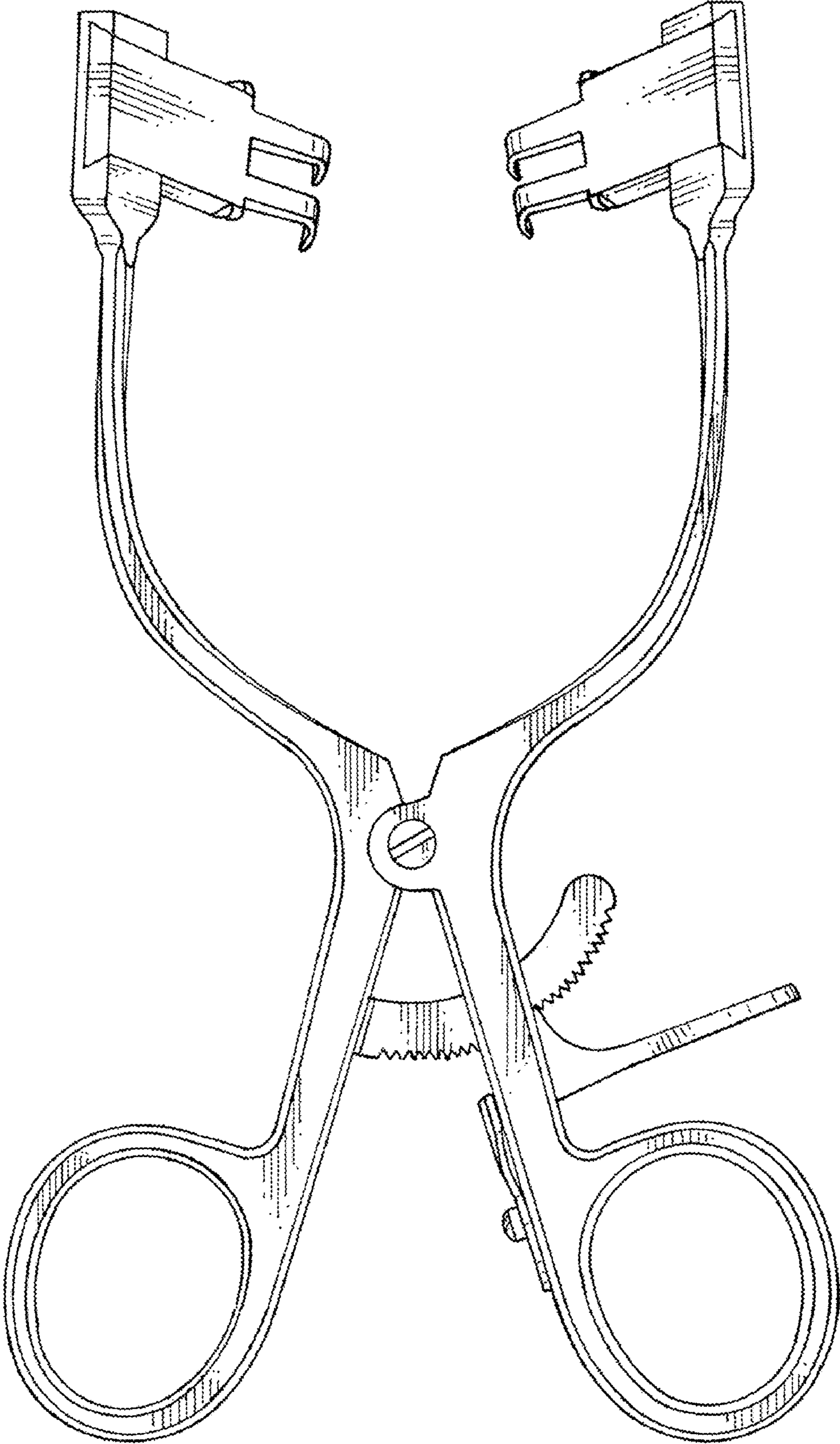
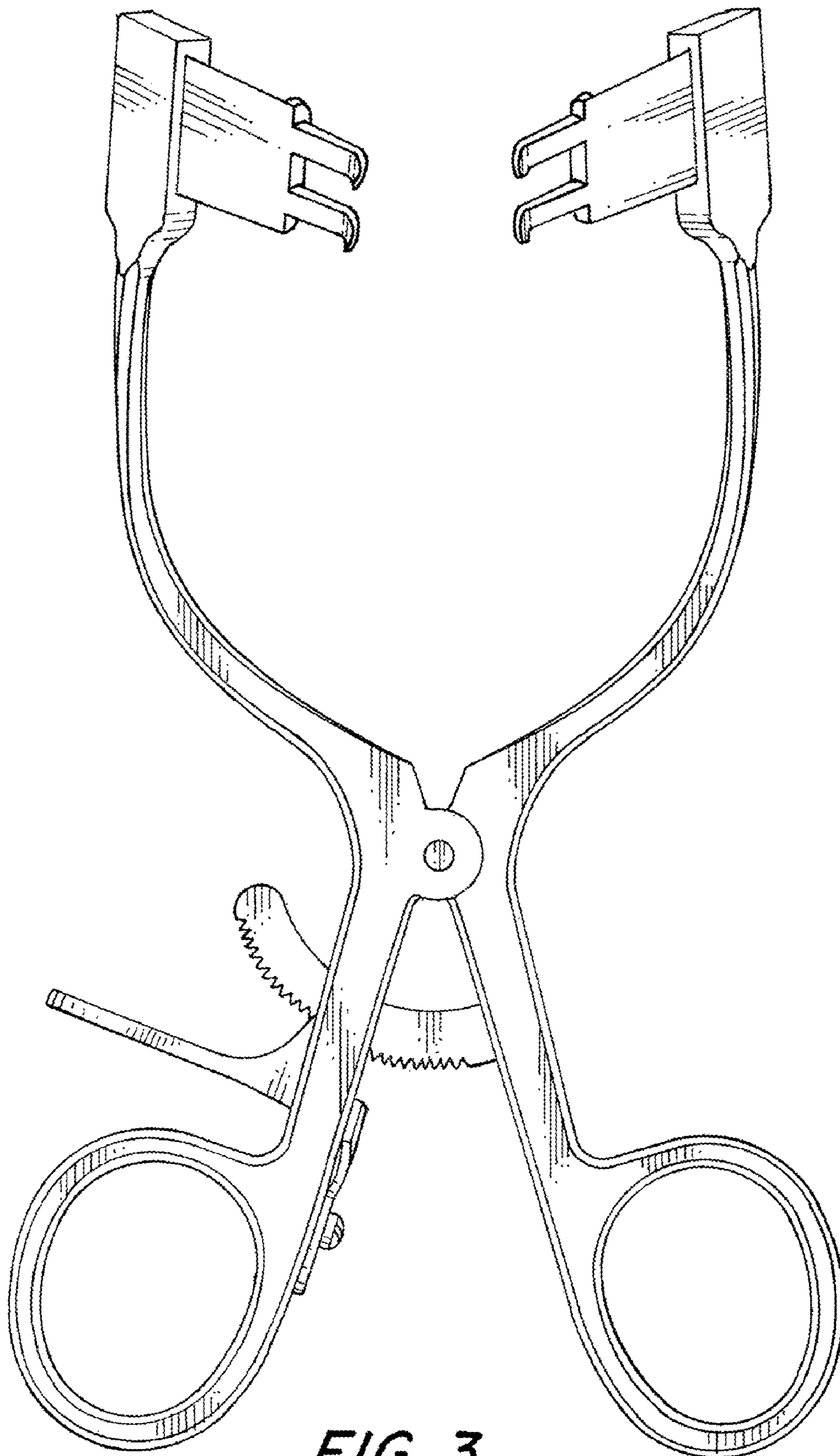
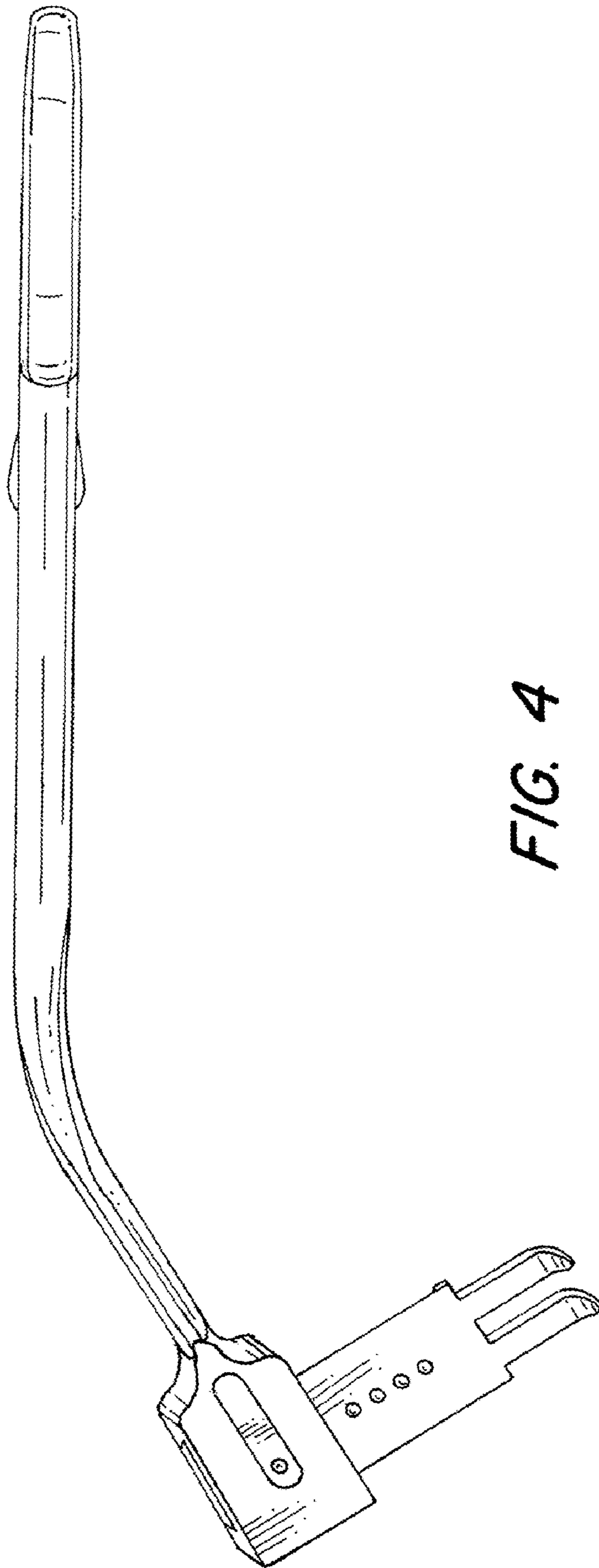


FIG. 2



**FIG. 3**



*FIG. 4*

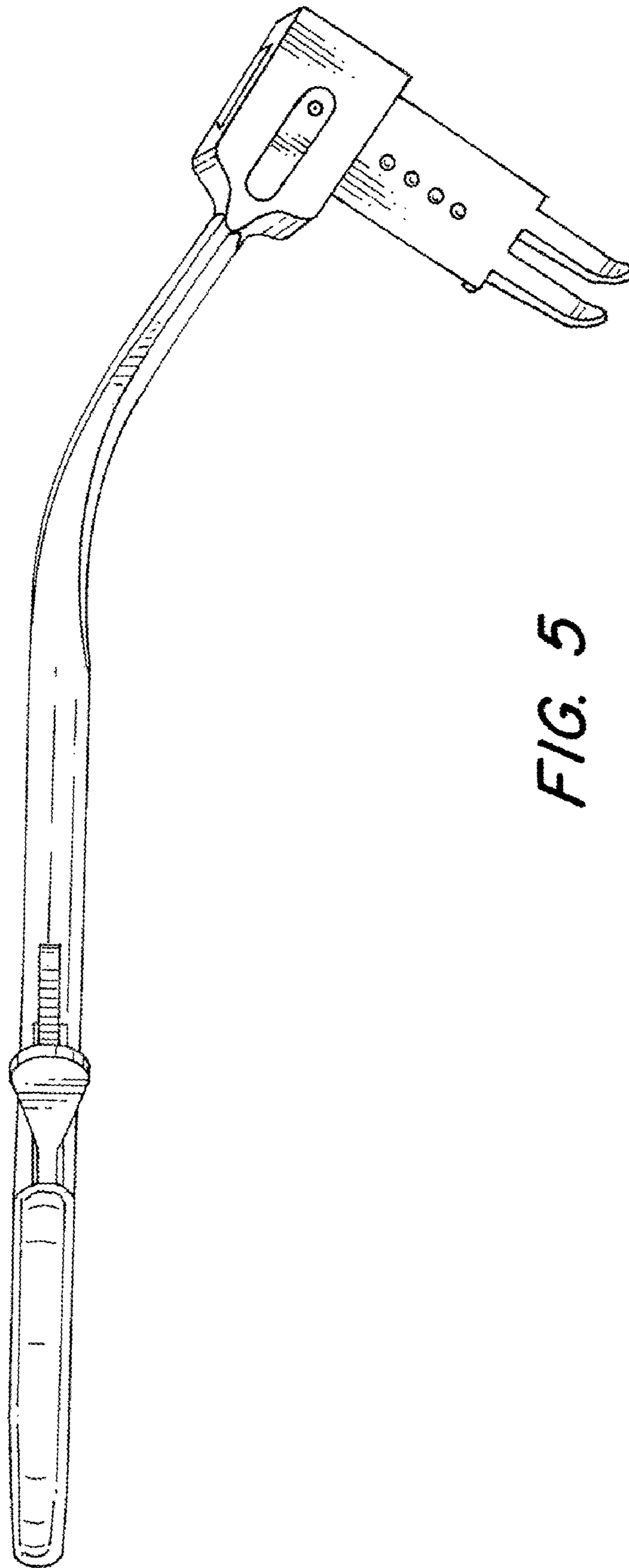
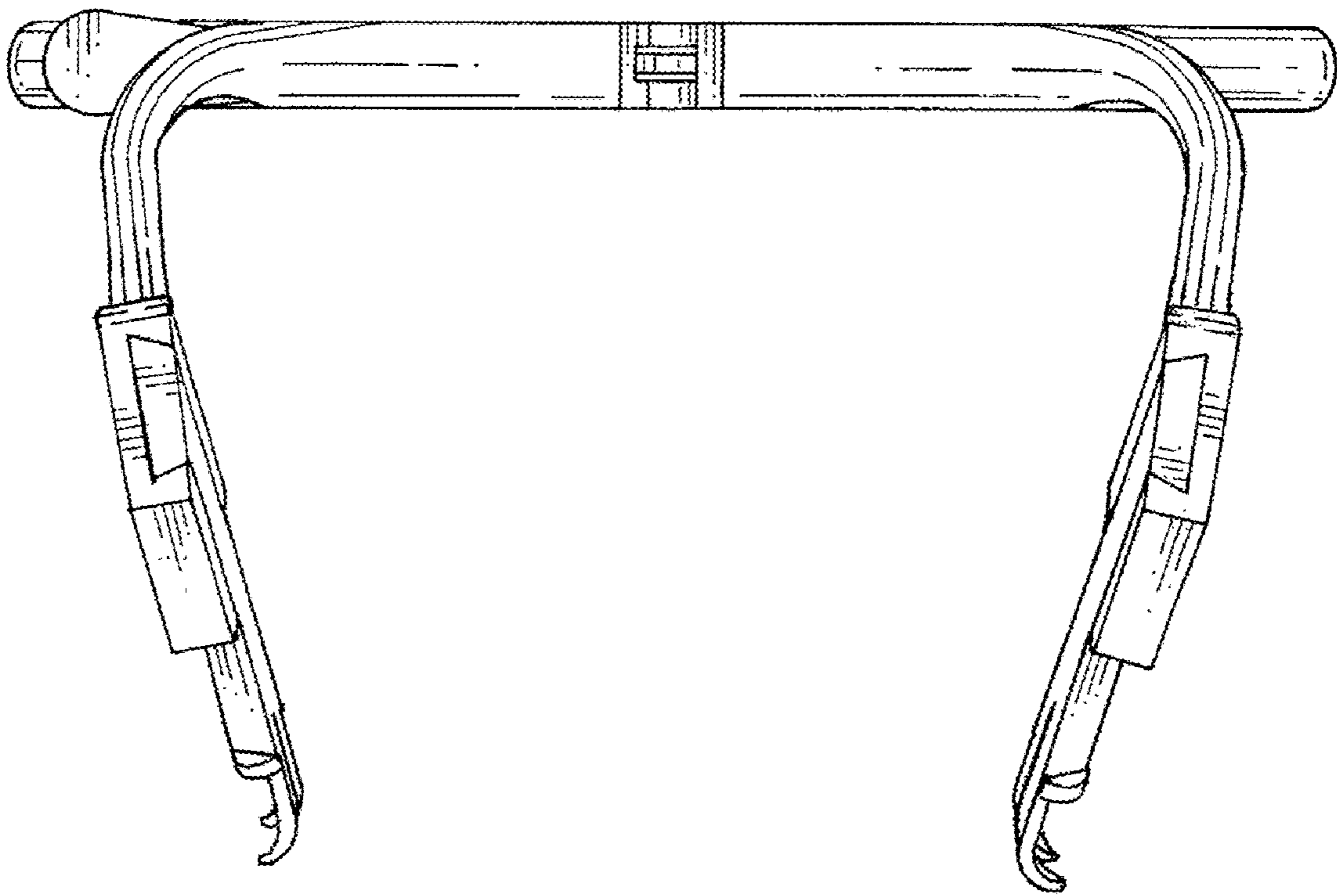
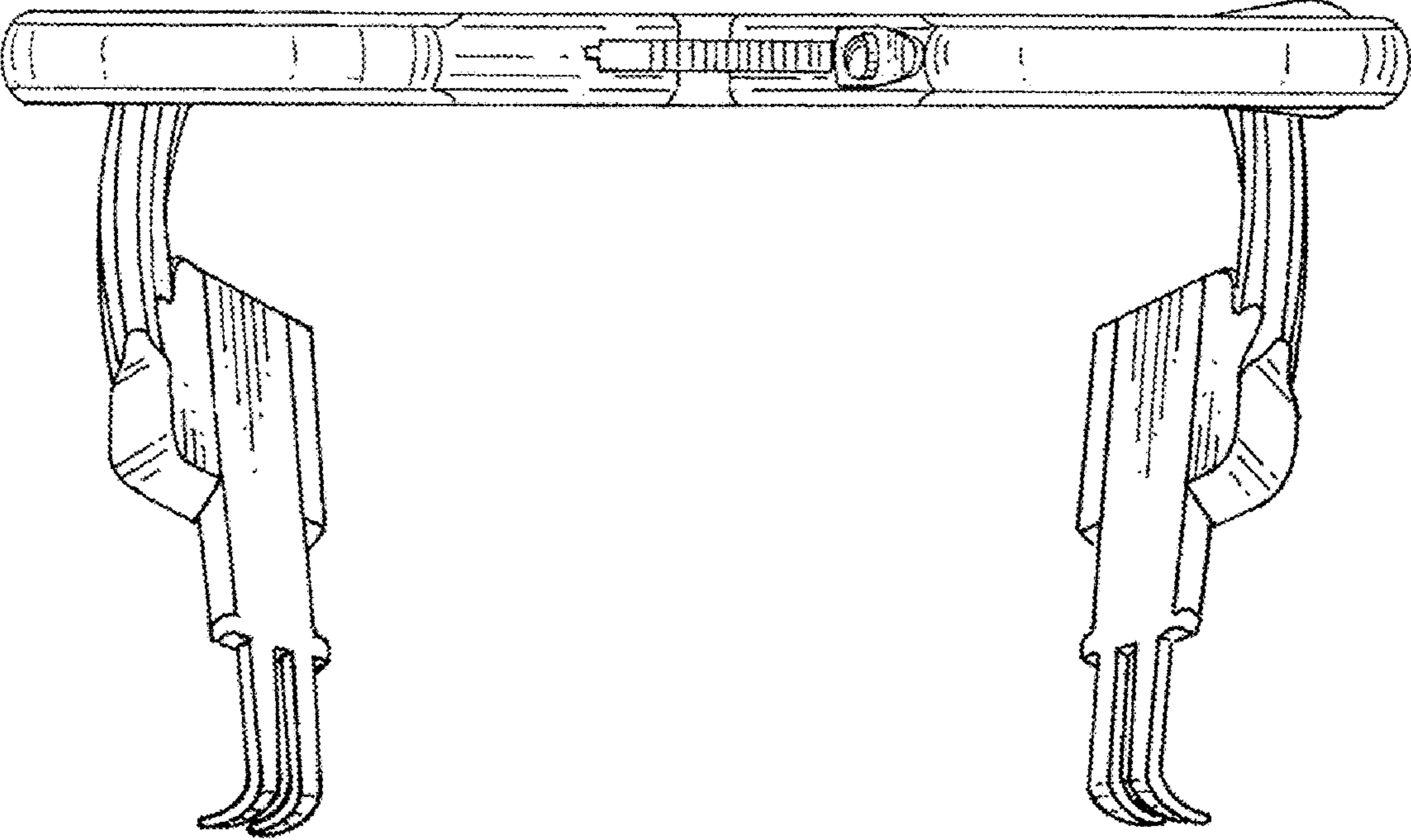


FIG. 5



*FIG. 6*



*FIG. 7*