



US00D485481S

(12) **United States Design Patent**
Wolff

(10) **Patent No.:** **US D485,481 S**

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(54) **RATCHET CLAMP**

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(73) Assignee: **wolcraft GmbH**, Kempenich (DE)

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

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(22) Filed: **Aug. 14, 2002**

Related U.S. Application Data

(62) Division of application No. 29/146,414, filed on Aug. 9, 2001, now Pat. No. Des. 470,029.

(30) **Foreign Application Priority Data**

Feb. 10, 2001 (DE) 4 01 01 560

(51) **LOC (7) Cl.** **08-05**

(52) **U.S. Cl.** **D8/72**

(58) **Field of Search** D8/71-74, 52, D8/54; 81/320, 325, 328, 300, 302, 314, 323, 324, 418, 421, 424, 338, 392; 269/6

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,667,678	A	*	2/1954	Hargrave et al.	.....	D8/72
2,798,491	A	*	7/1957	Samuels	.....	81/415
3,149,390	A	*	9/1964	McCoy	.....	D8/72
3,456,262	A		7/1969	Coon		
3,779,108	A		12/1973	Reiter		
D350,892	S		9/1994	Sorensen		
D399,729	S		10/1998	Chen		
6,000,686	A		12/1999	Yates		
D433,318	S	*	11/2000	Chang	.....	D8/395

D442,047	S	*	5/2001	Hicks	.....	D8/72
6,240,815	B1		6/2001	Huang		
6,336,386	B1	*	1/2002	Lee	81/328
D457,409	S		5/2002	Noniewicz		

* cited by examiner

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(57) **CLAIM**

The ornamental design for a ratchet clamp, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a ratchet clamp of the present invention;

FIG. 2 is a plan view of the left side of the ratchet clamp of FIG. 1 with the right side being a mirror image;

FIG. 3 is an end view of the closed jaws of the ratchet clamp of FIG. 1; and

FIG. 4 is a plan view of the bottom of the ratchet clamp of FIG. 1.

FIG. 5 is a perspective view of an embodiment of a ratchet clamp of the present invention in an open position;

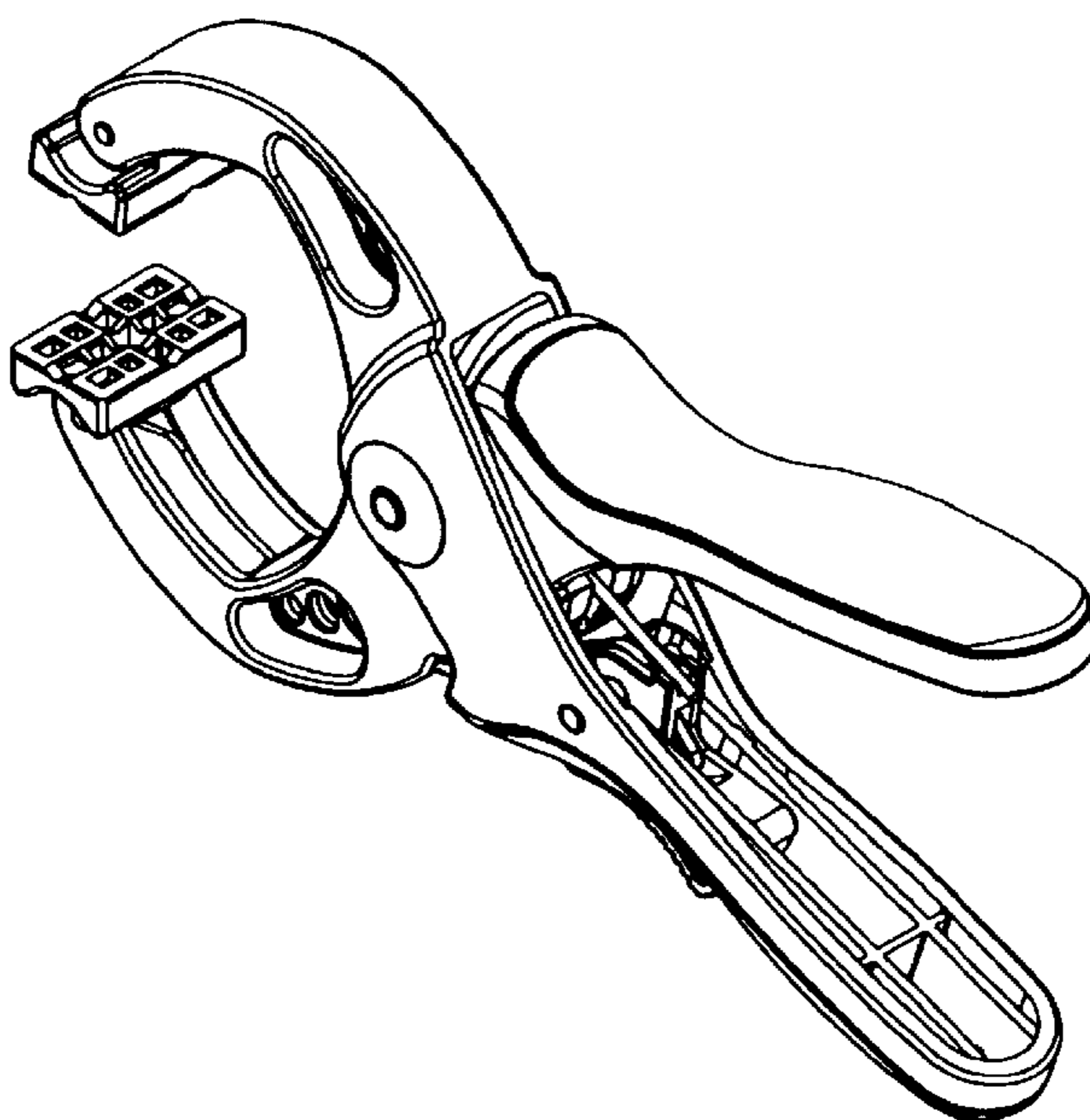
FIG. 6 is an elevational view of the left side of the ratchet clamp of FIG. 5 with the right side being a mirror image;

FIG. 7 is an end view of the open jaws of the ratchet clamp of FIG. 5;

FIG. 8 is a plan view of a top of the ratchet clamp of FIG. 5 with the bottom view being a mirror image; and,

FIG. 9 is an elevational view of the left side of the ratchet clamp of FIG. 5 with the clamp in a closed position.

1 Claim, 5 Drawing Sheets



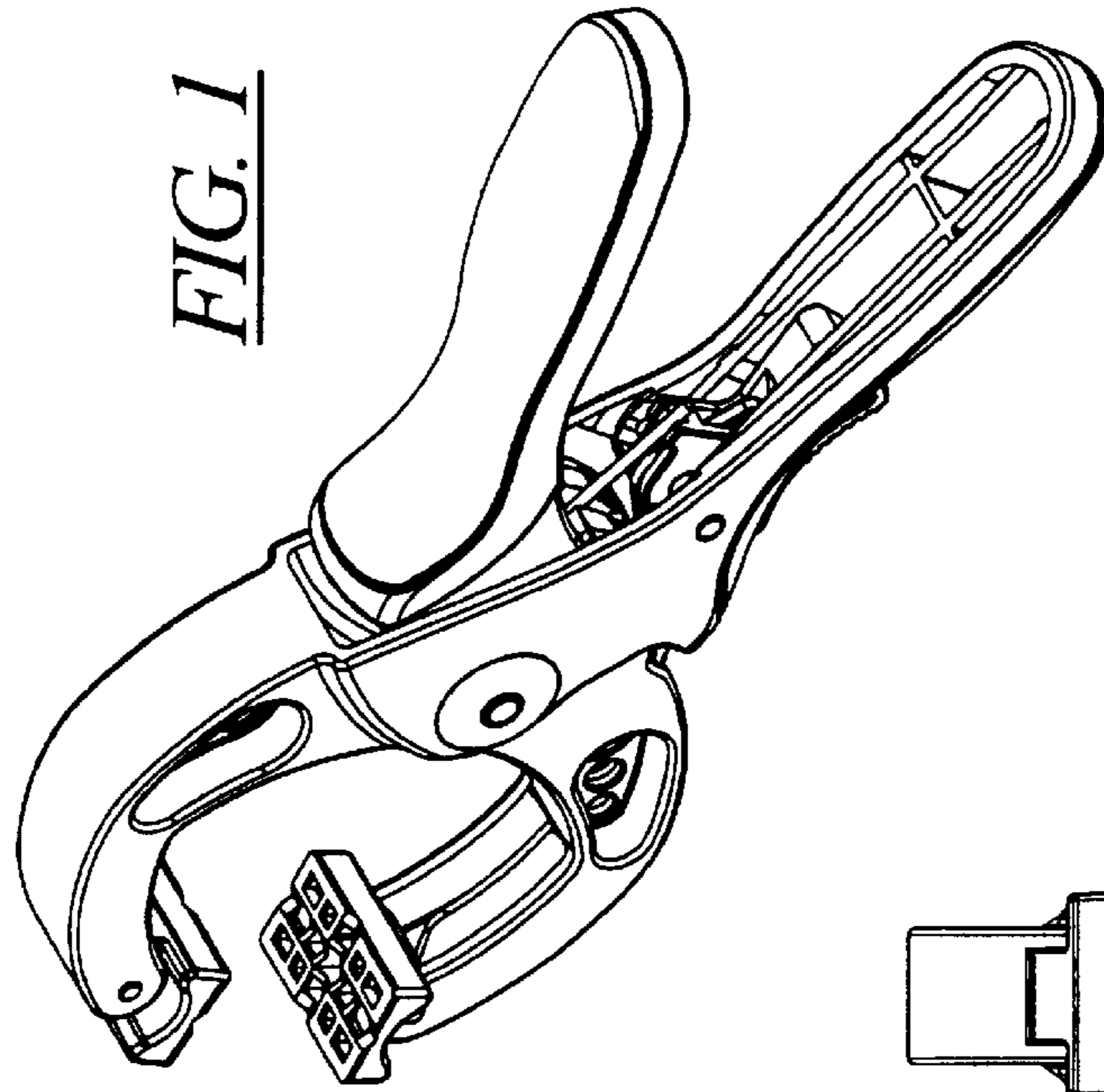


FIG. 1

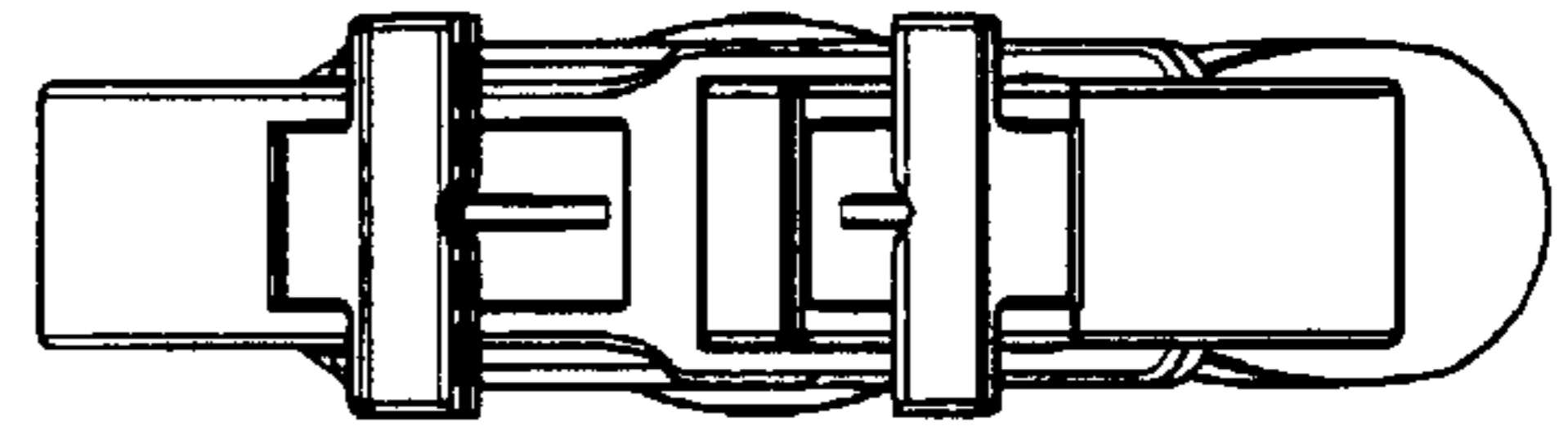


FIG. 3

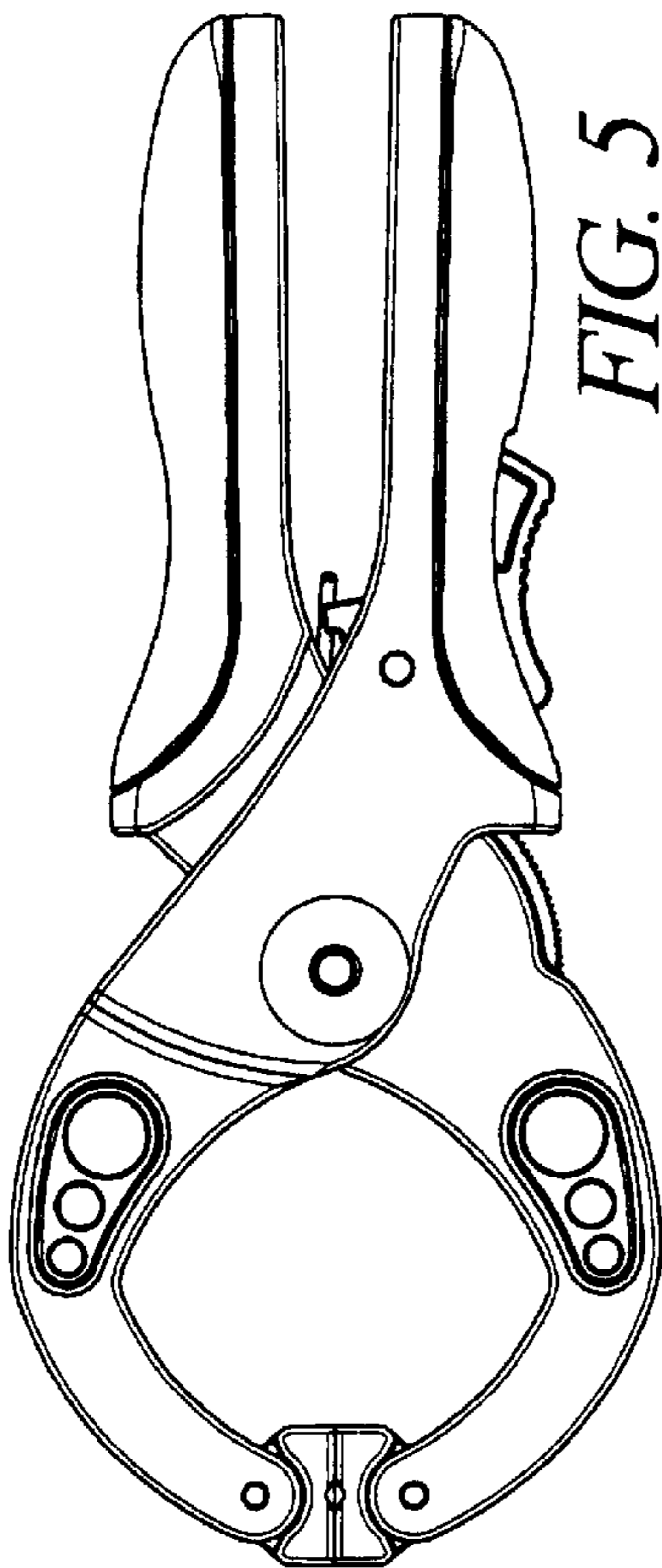


FIG. 5

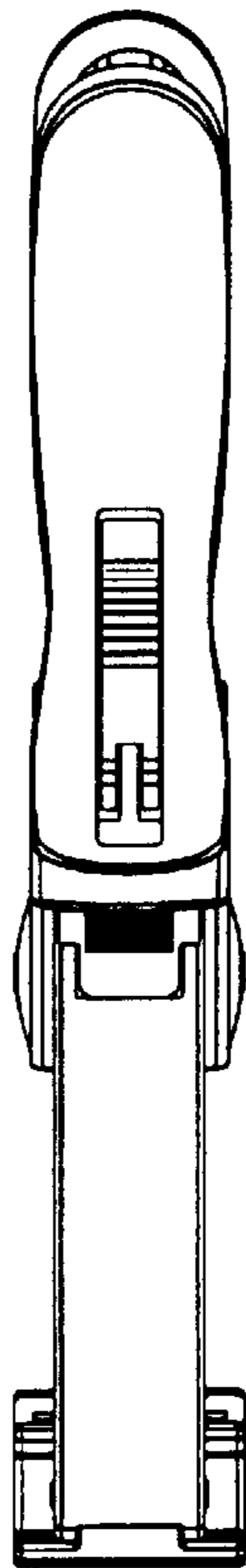


FIG. 4

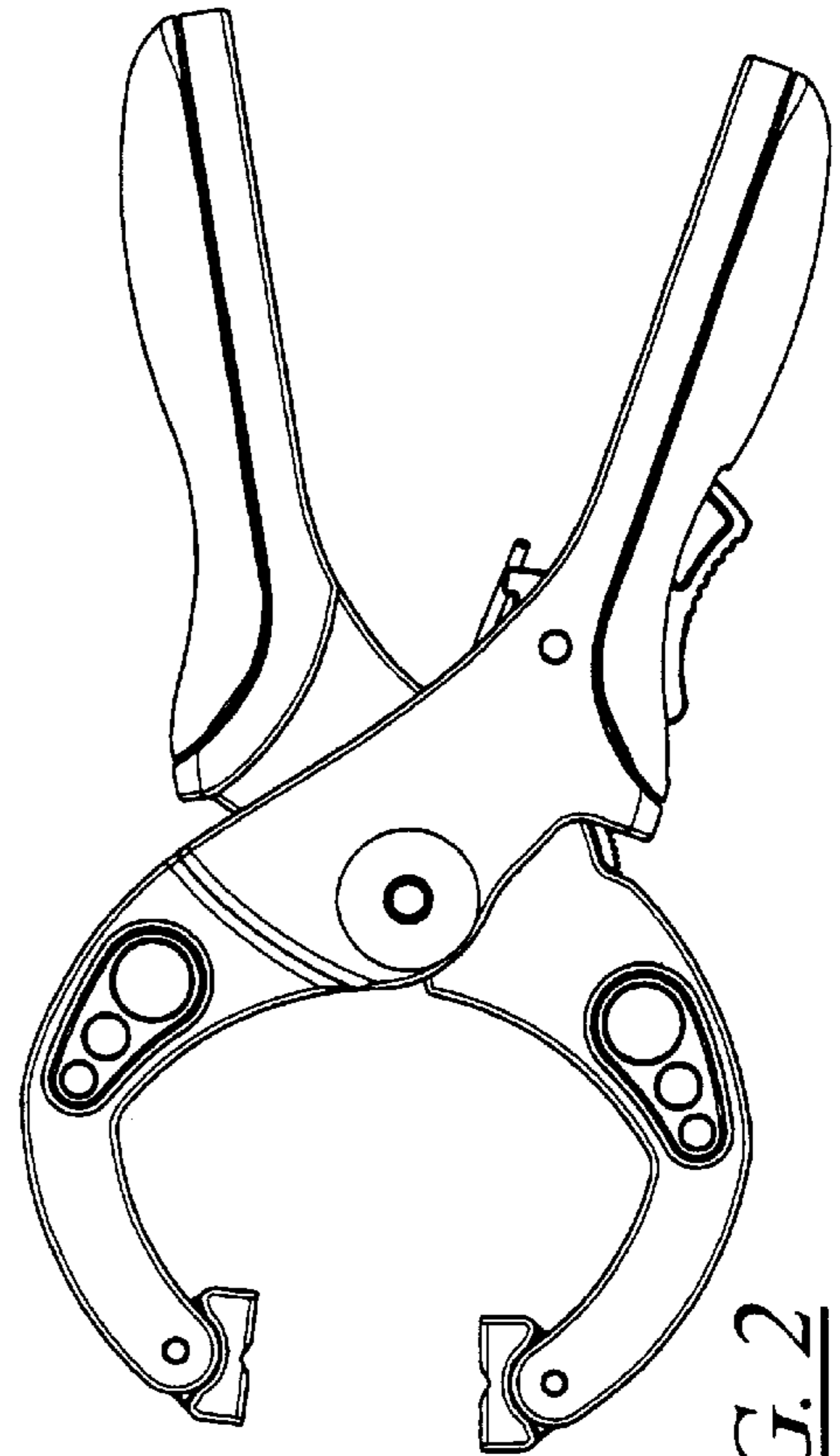
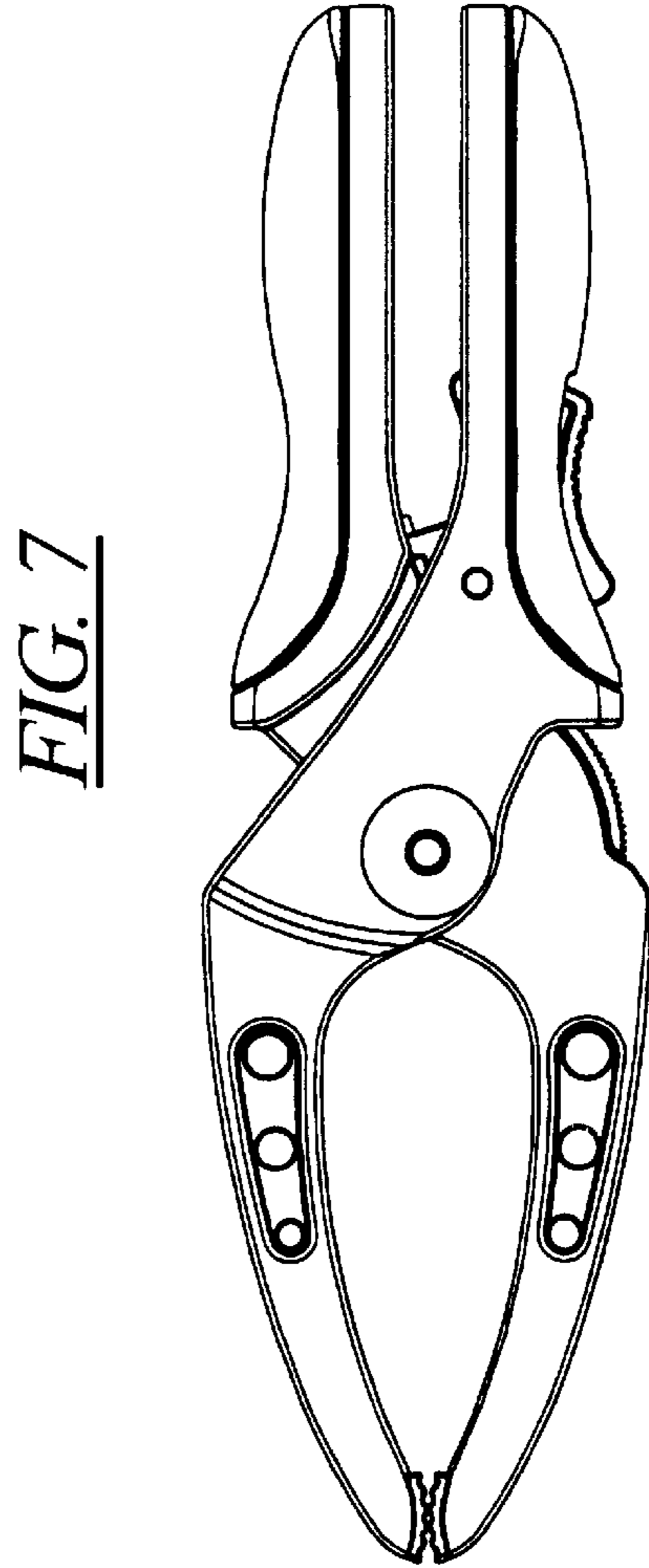
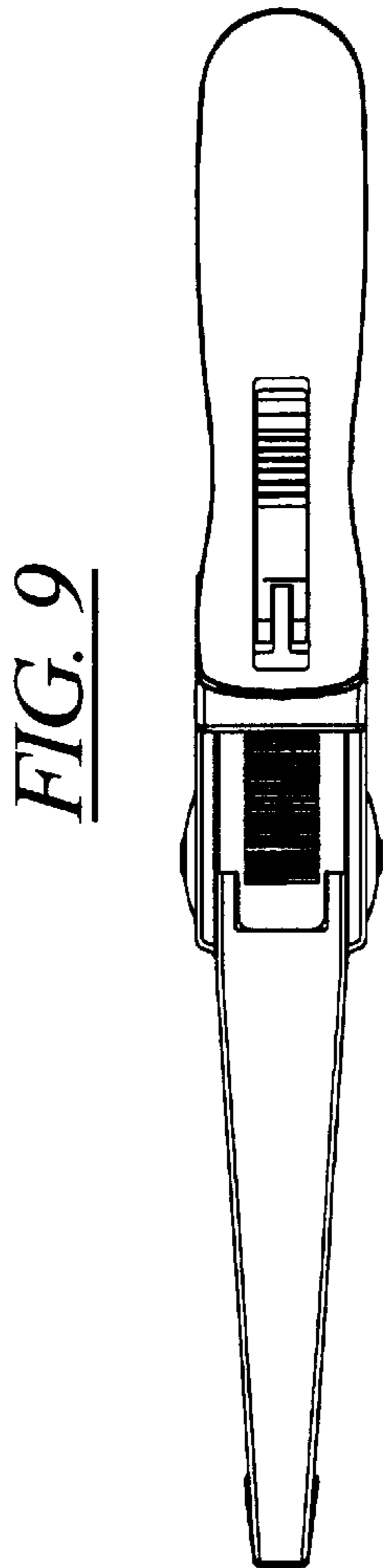
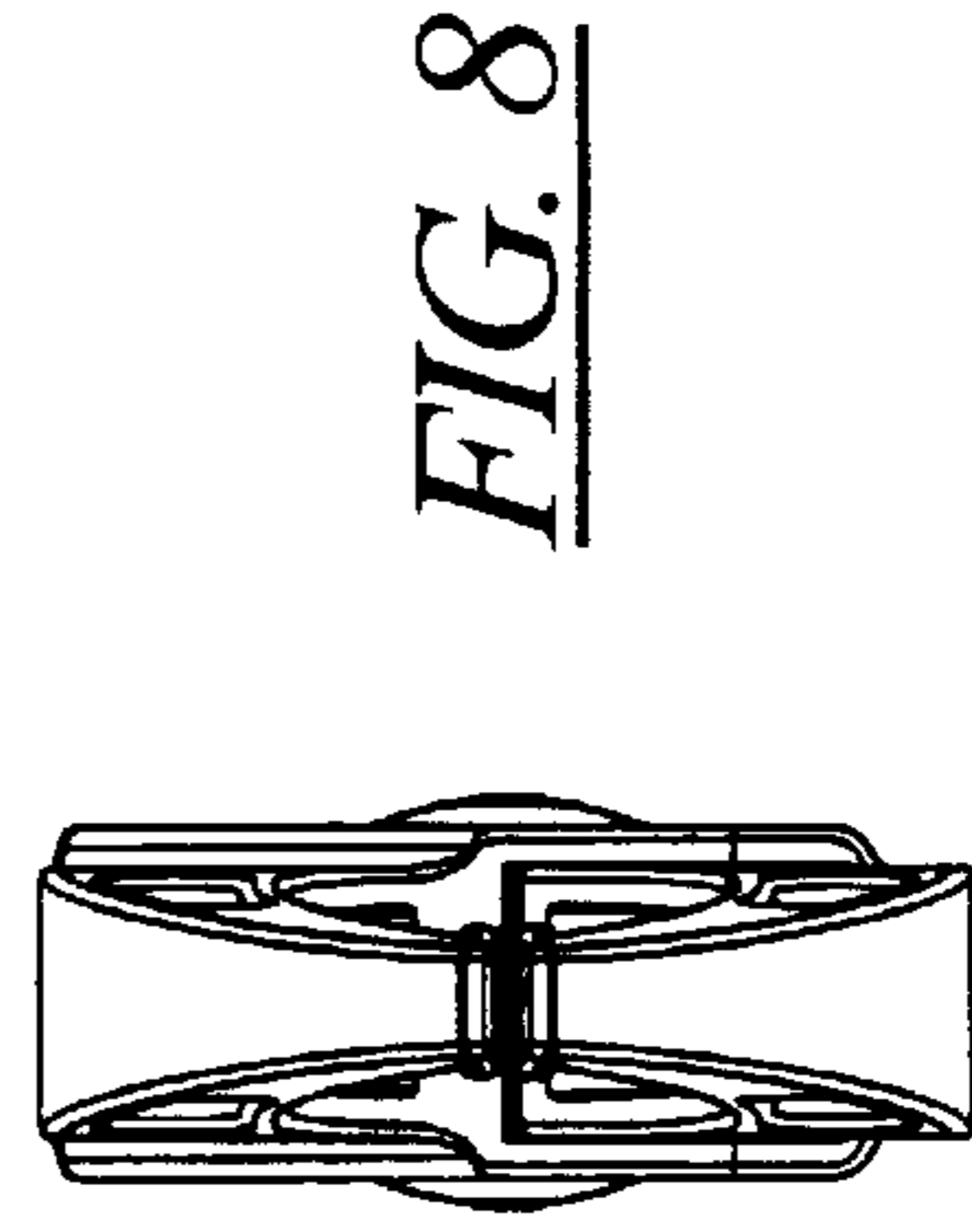
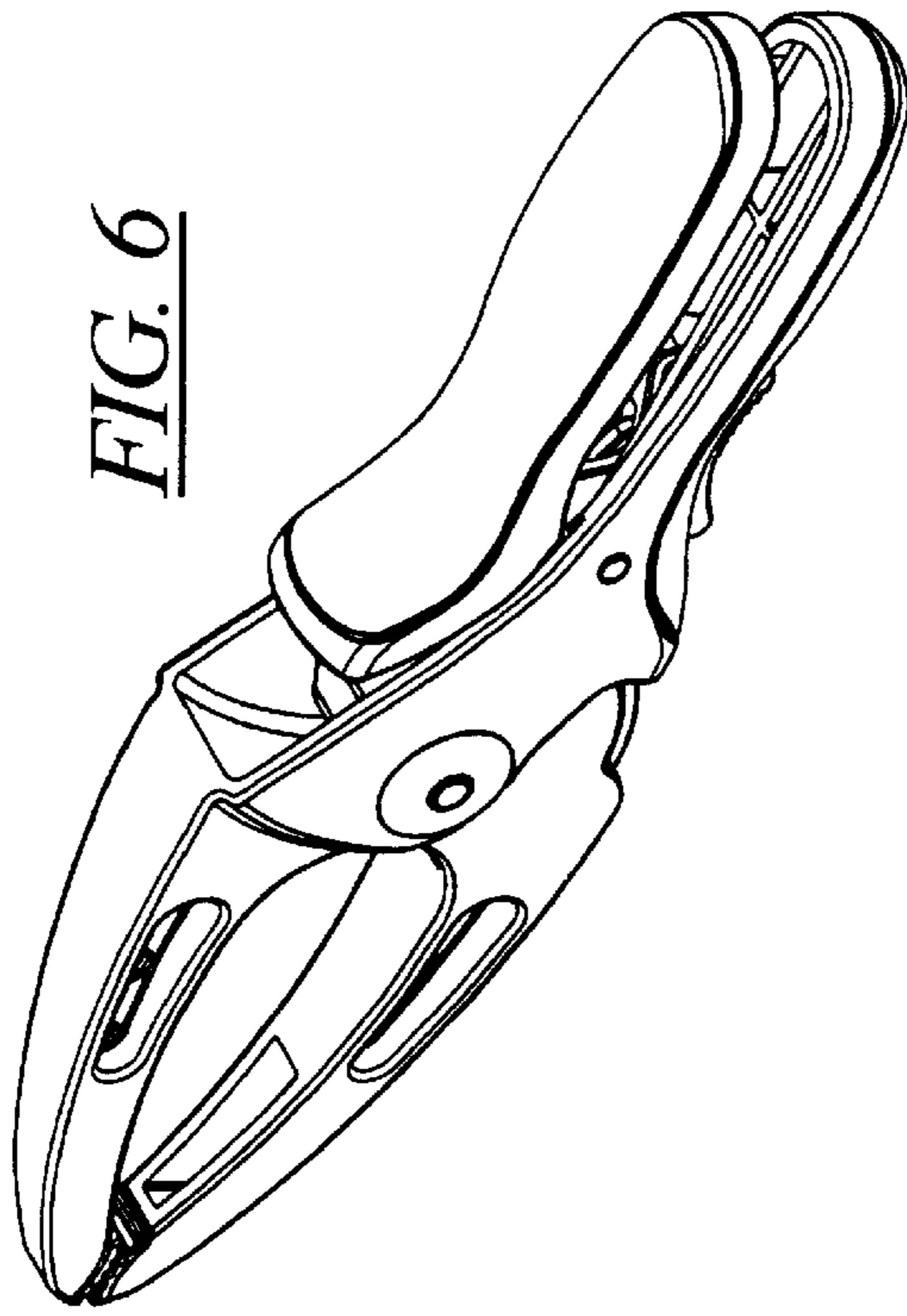


FIG. 2



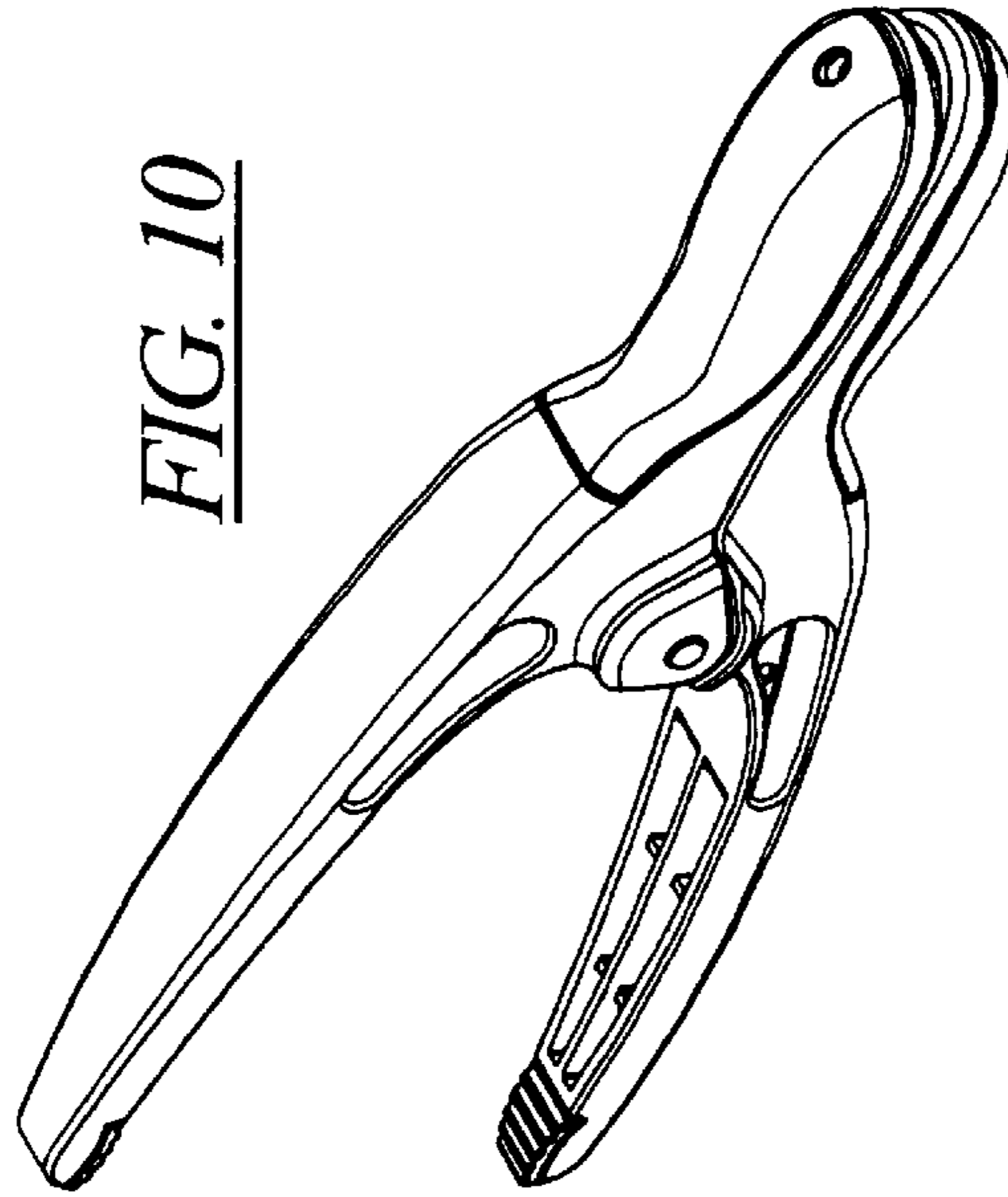


FIG. 10

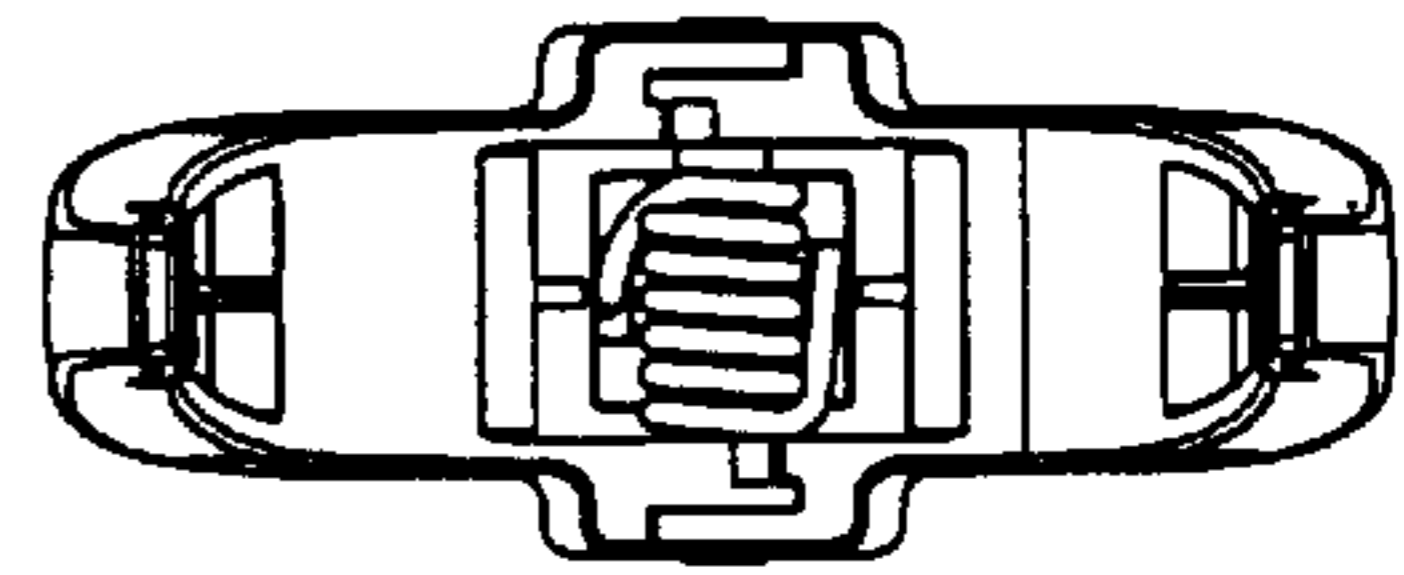


FIG. 12

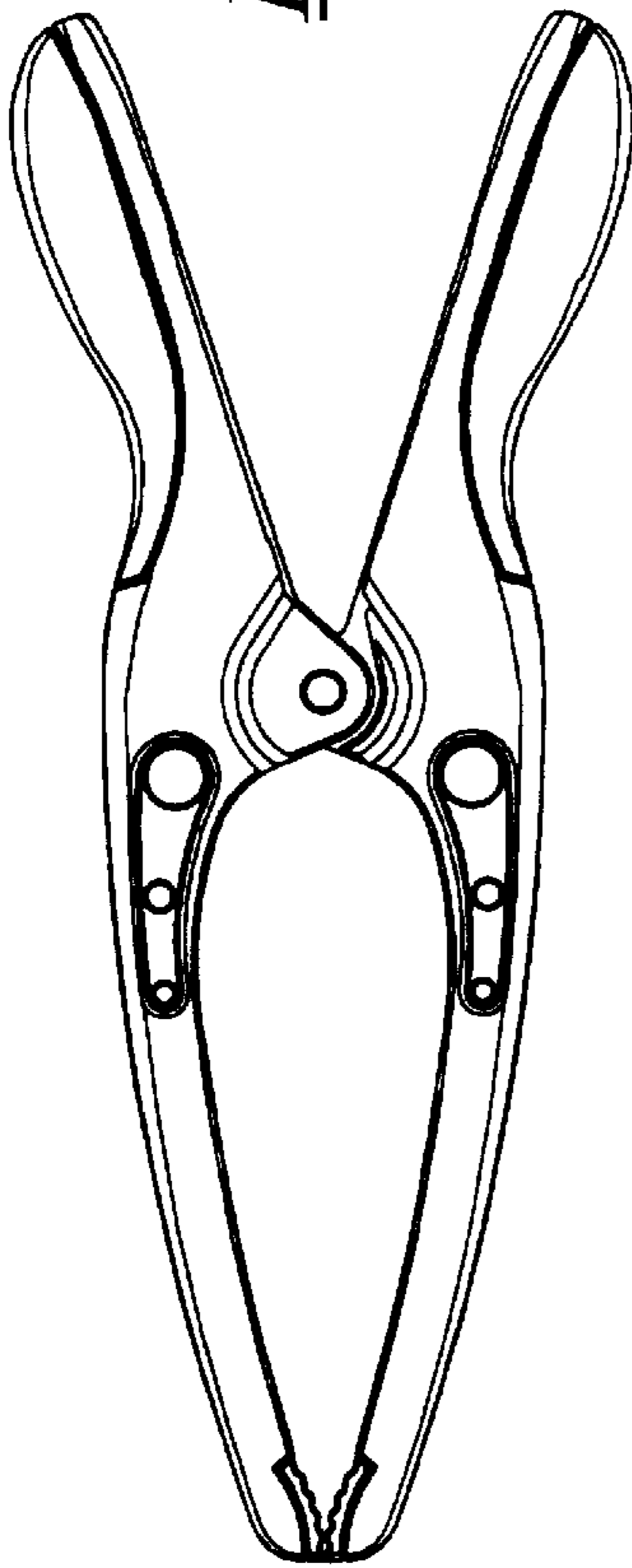


FIG. 14

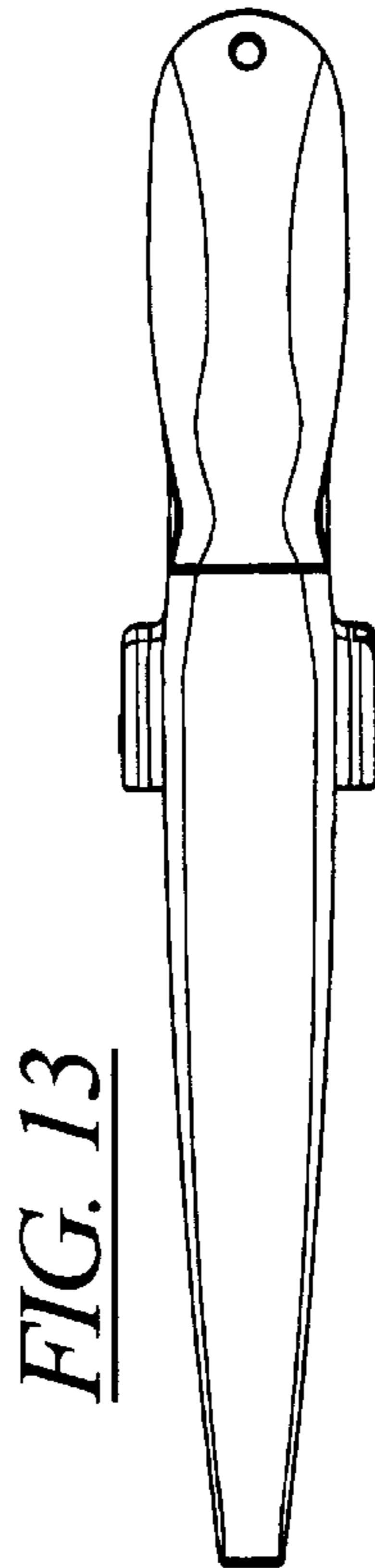


FIG. 13

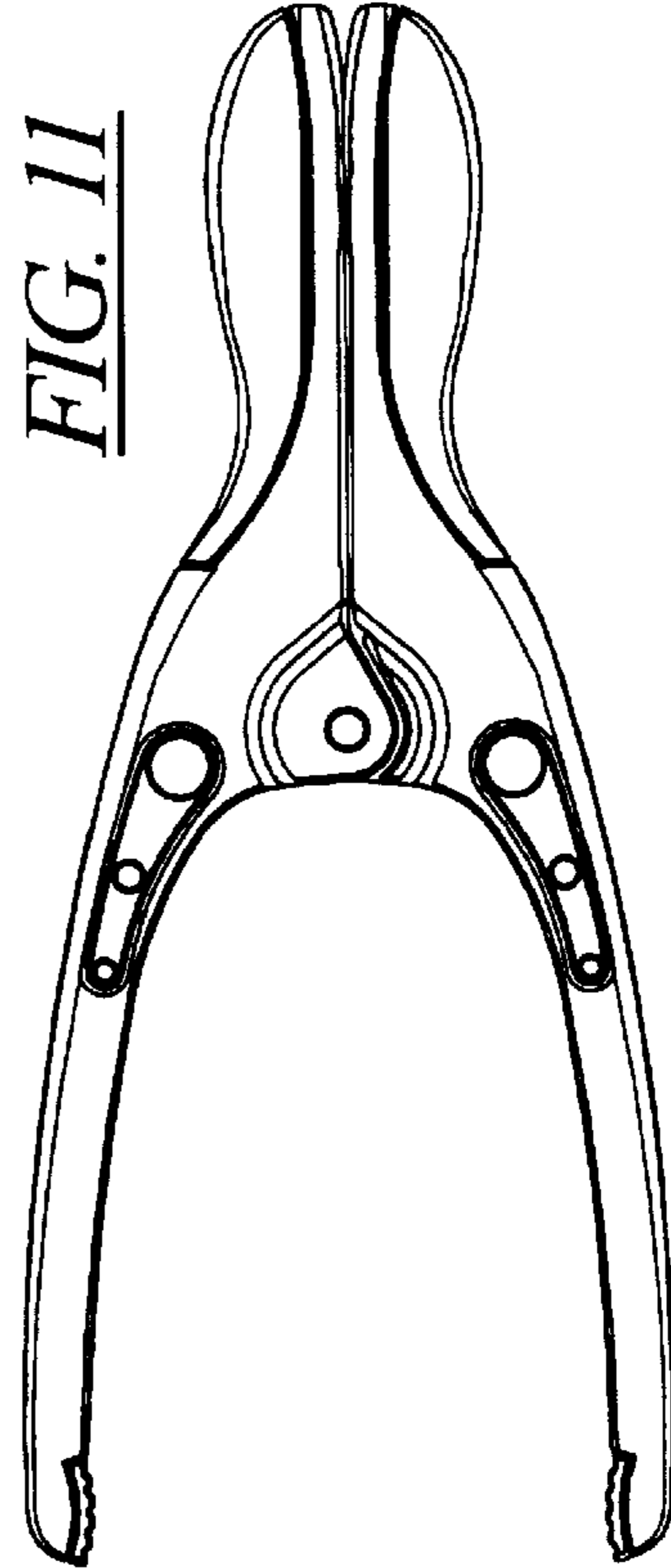
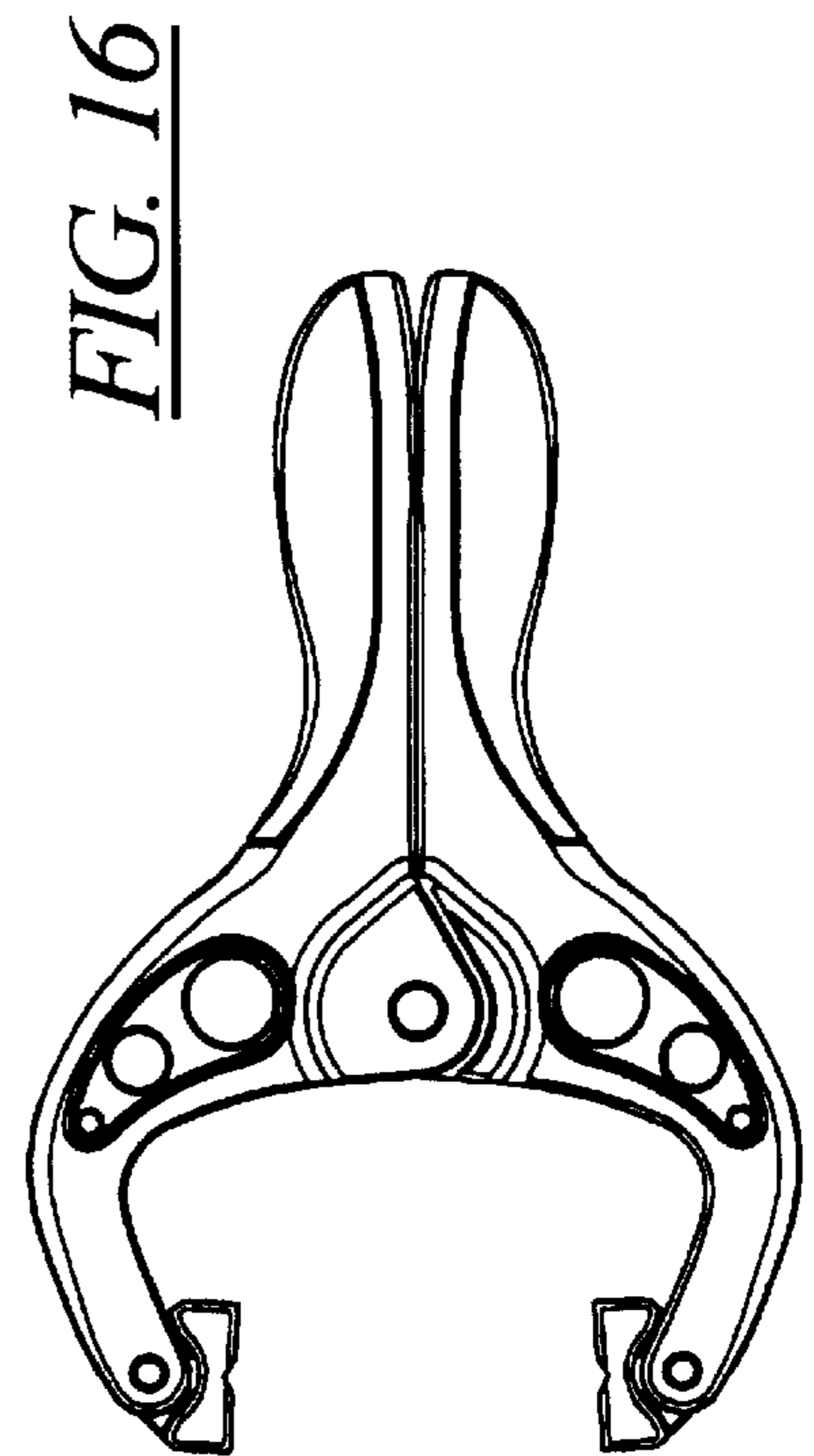
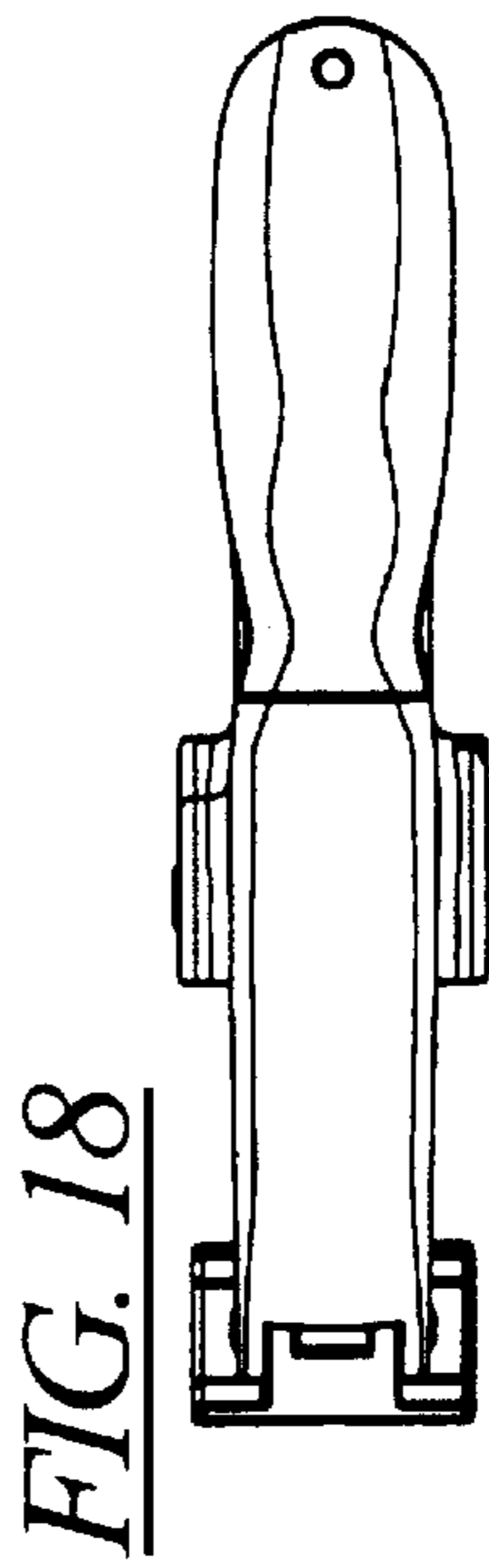
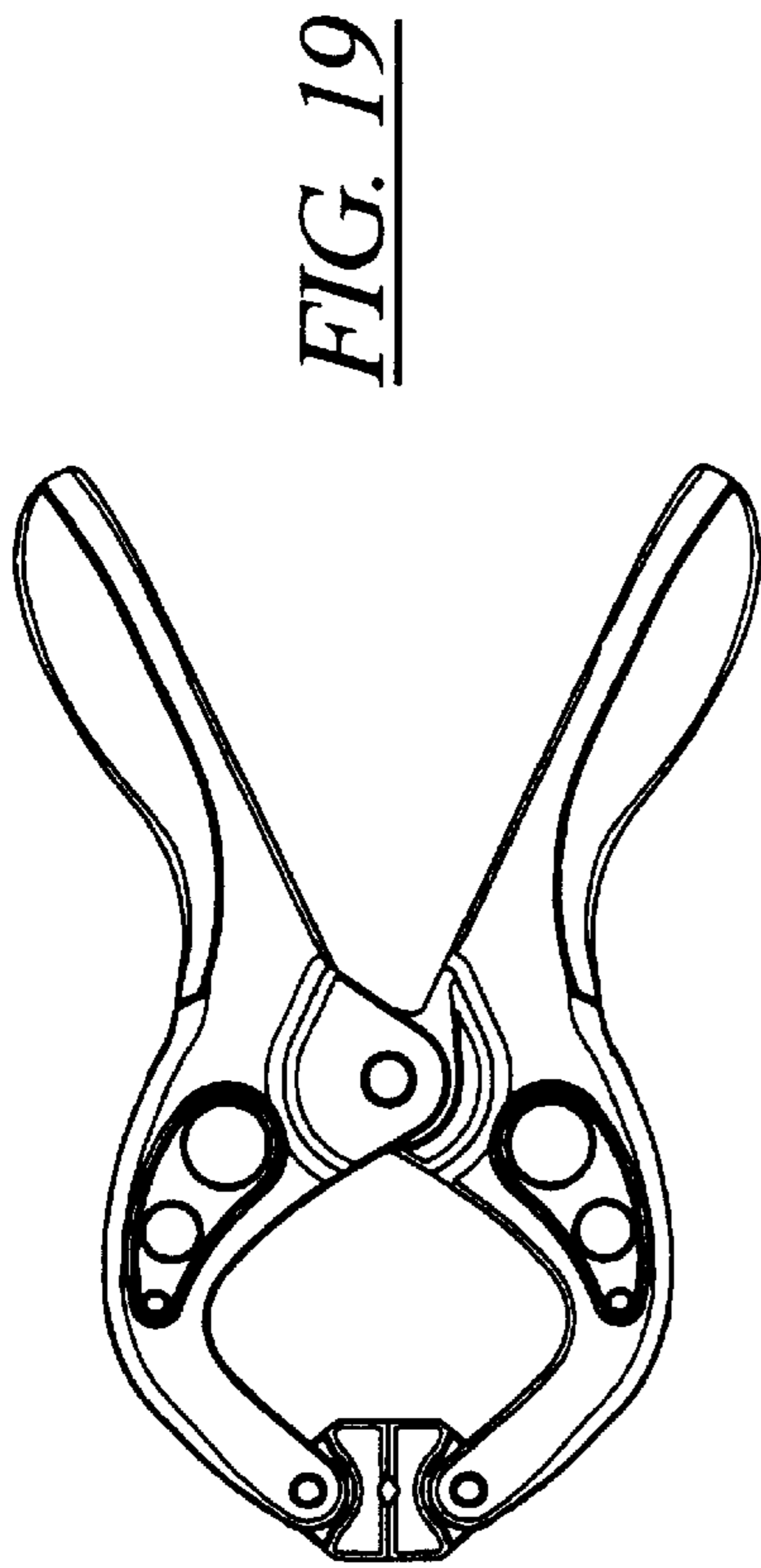
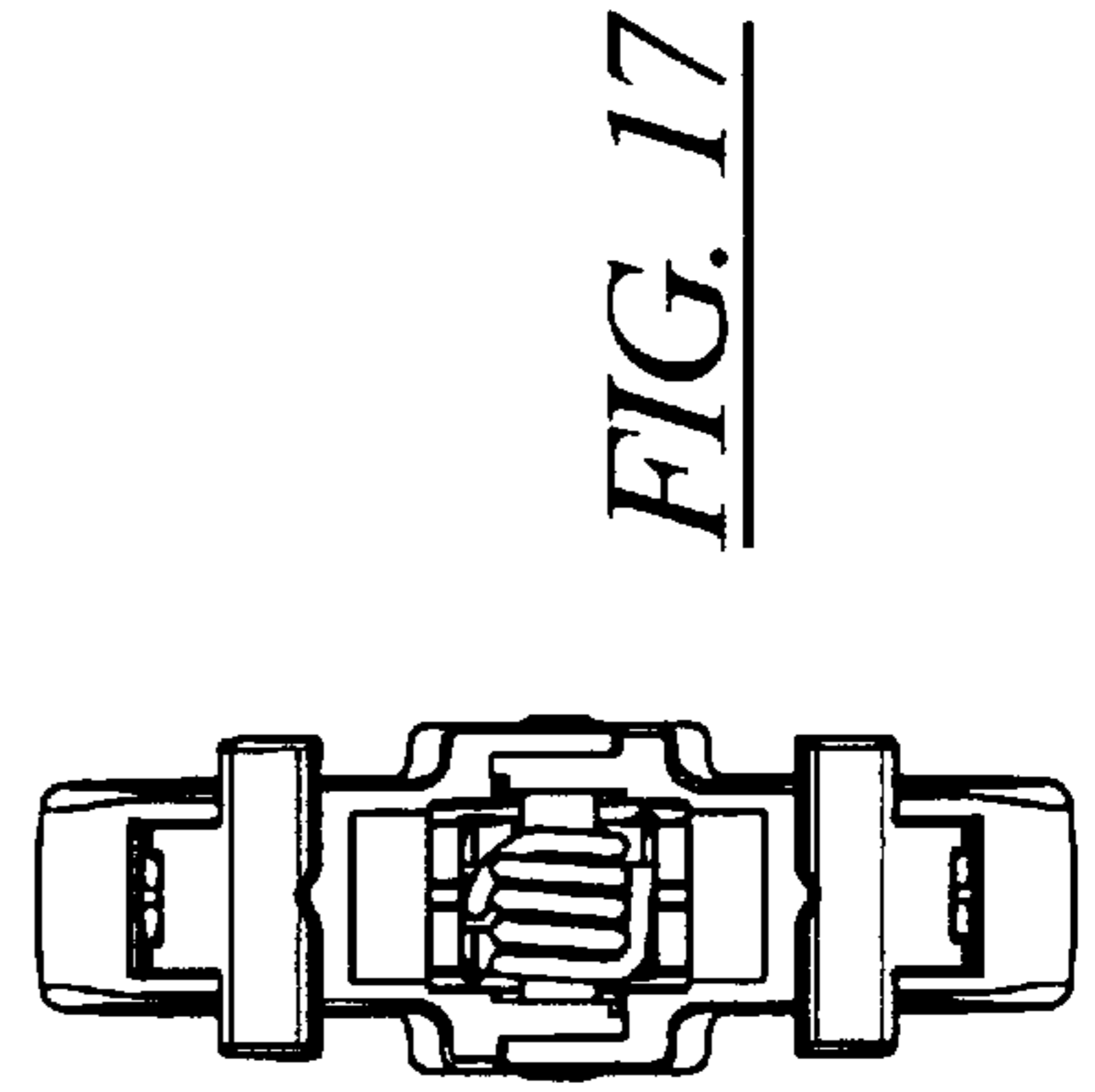
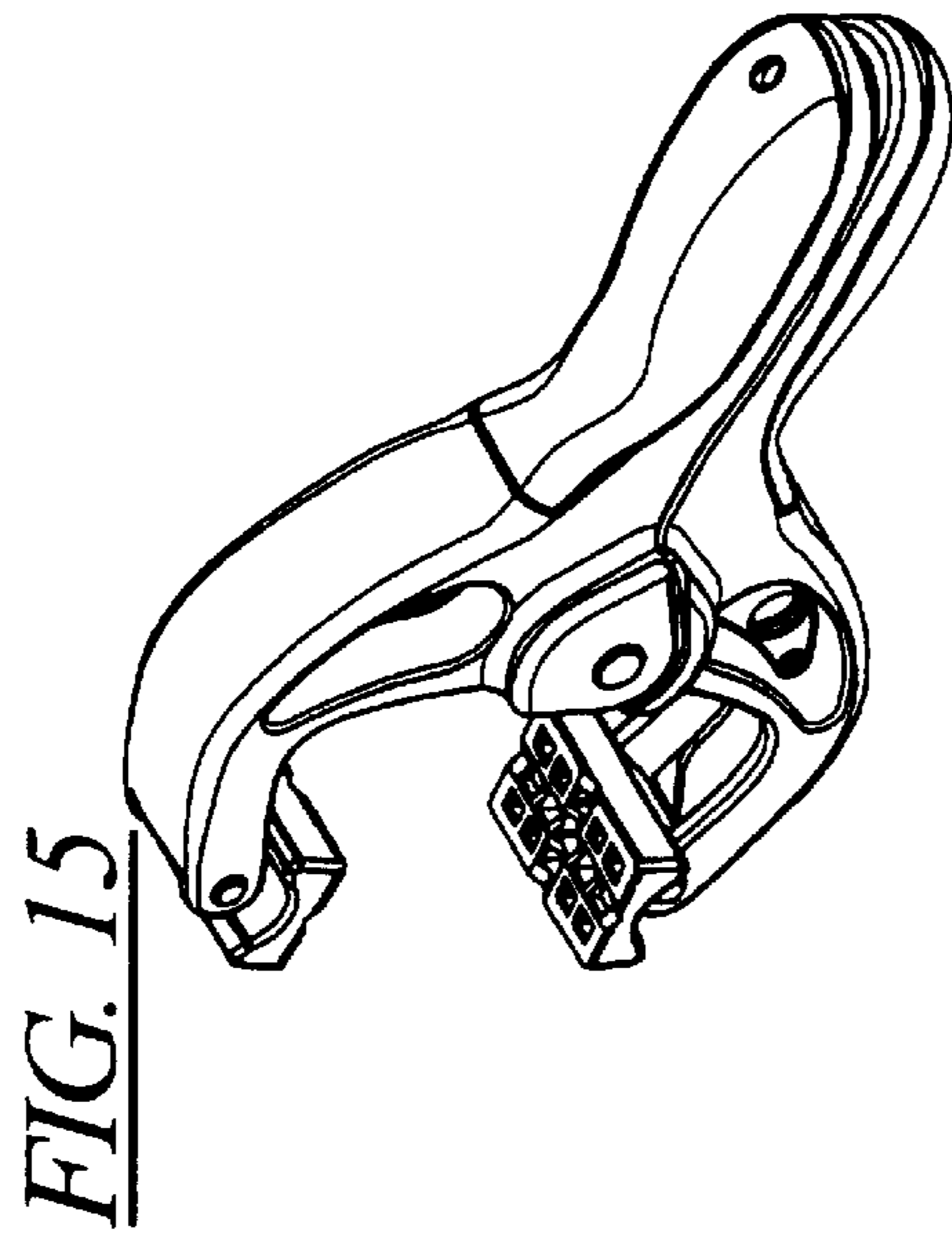


FIG. 11



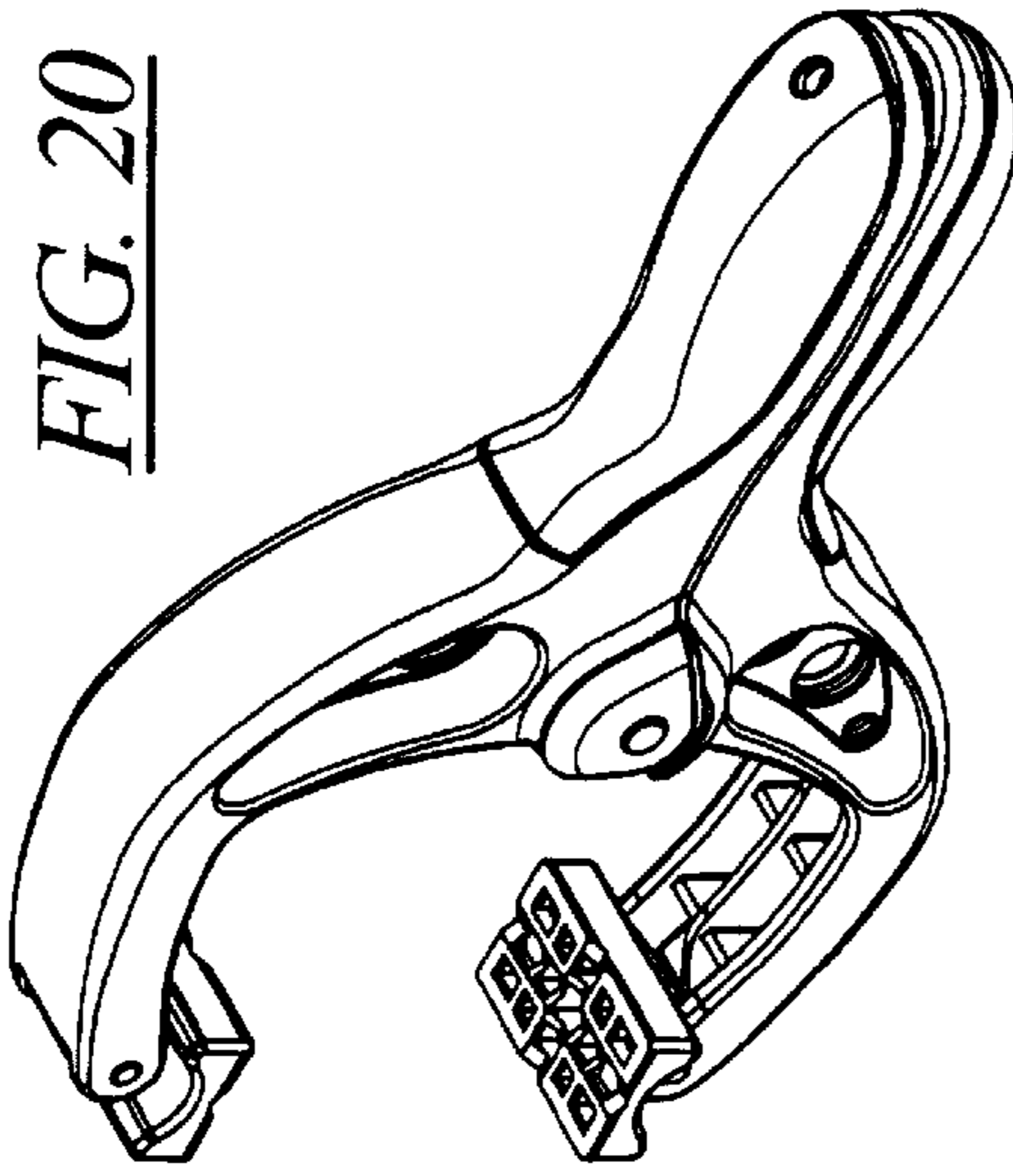


FIG. 20

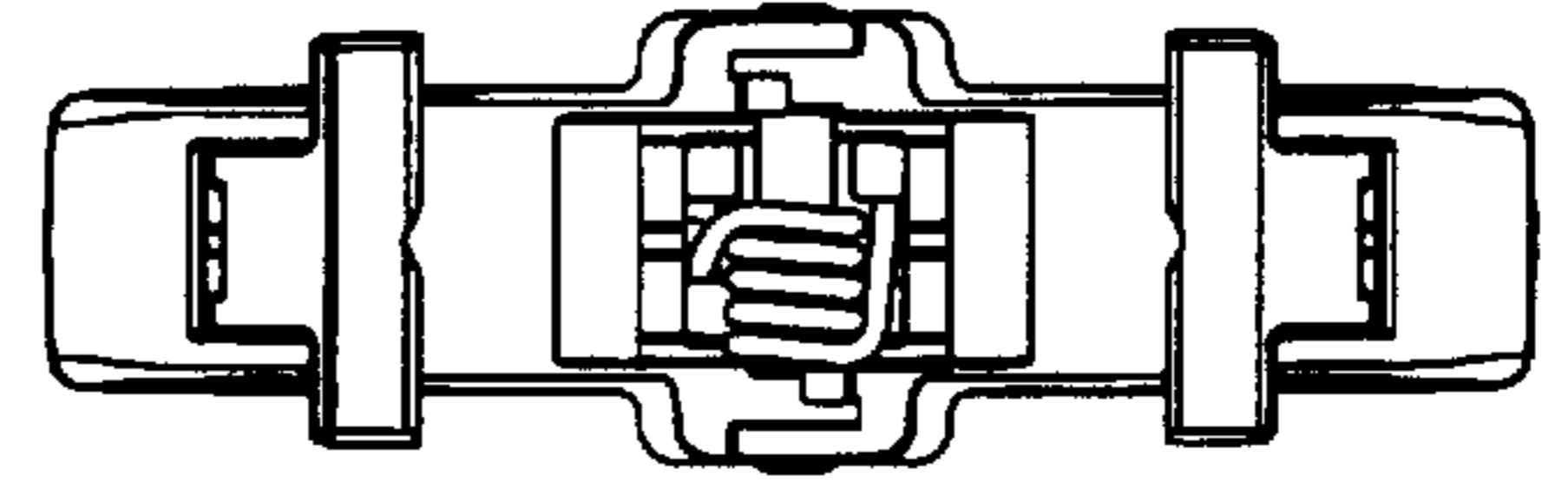


FIG. 22

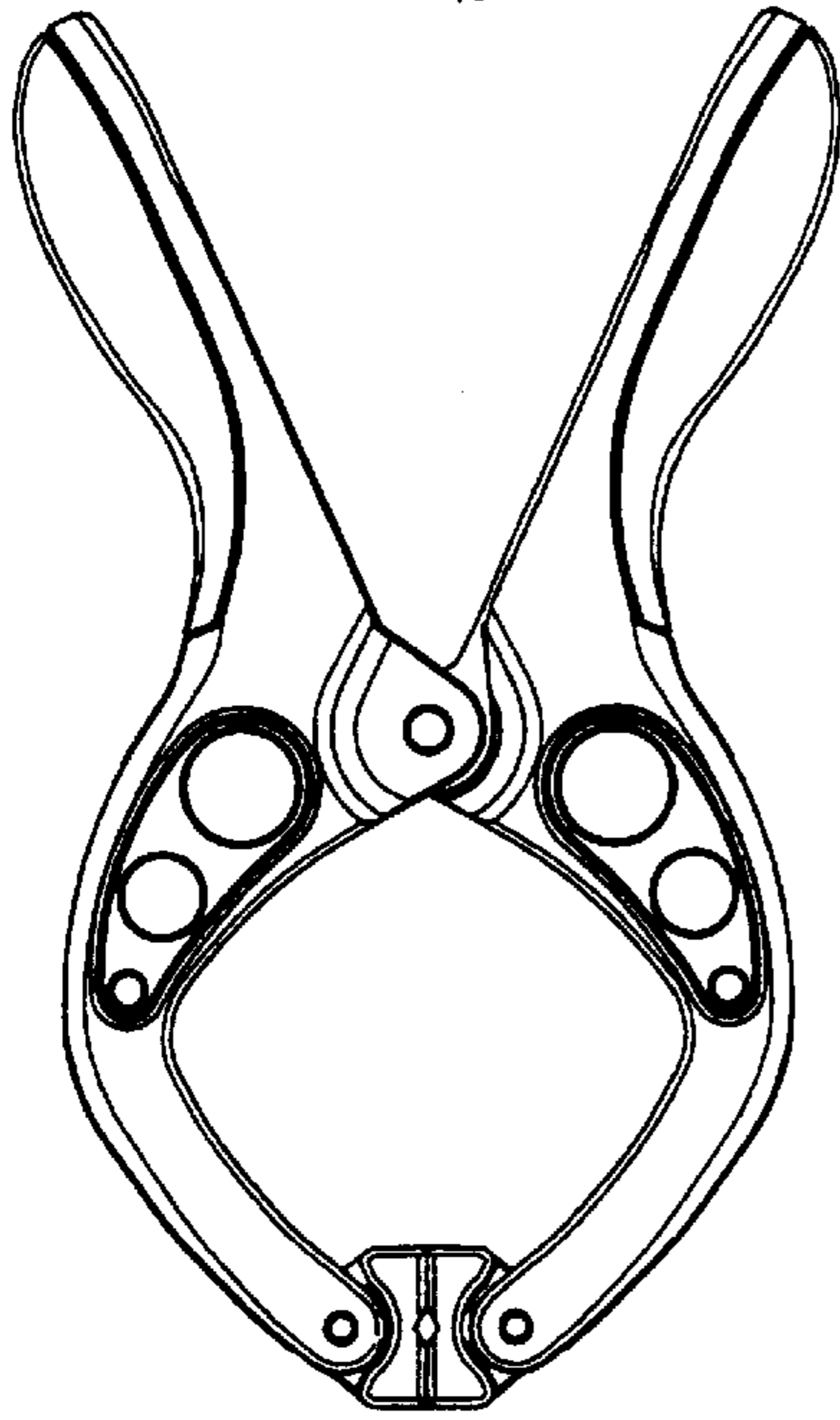


FIG. 24

FIG. 23

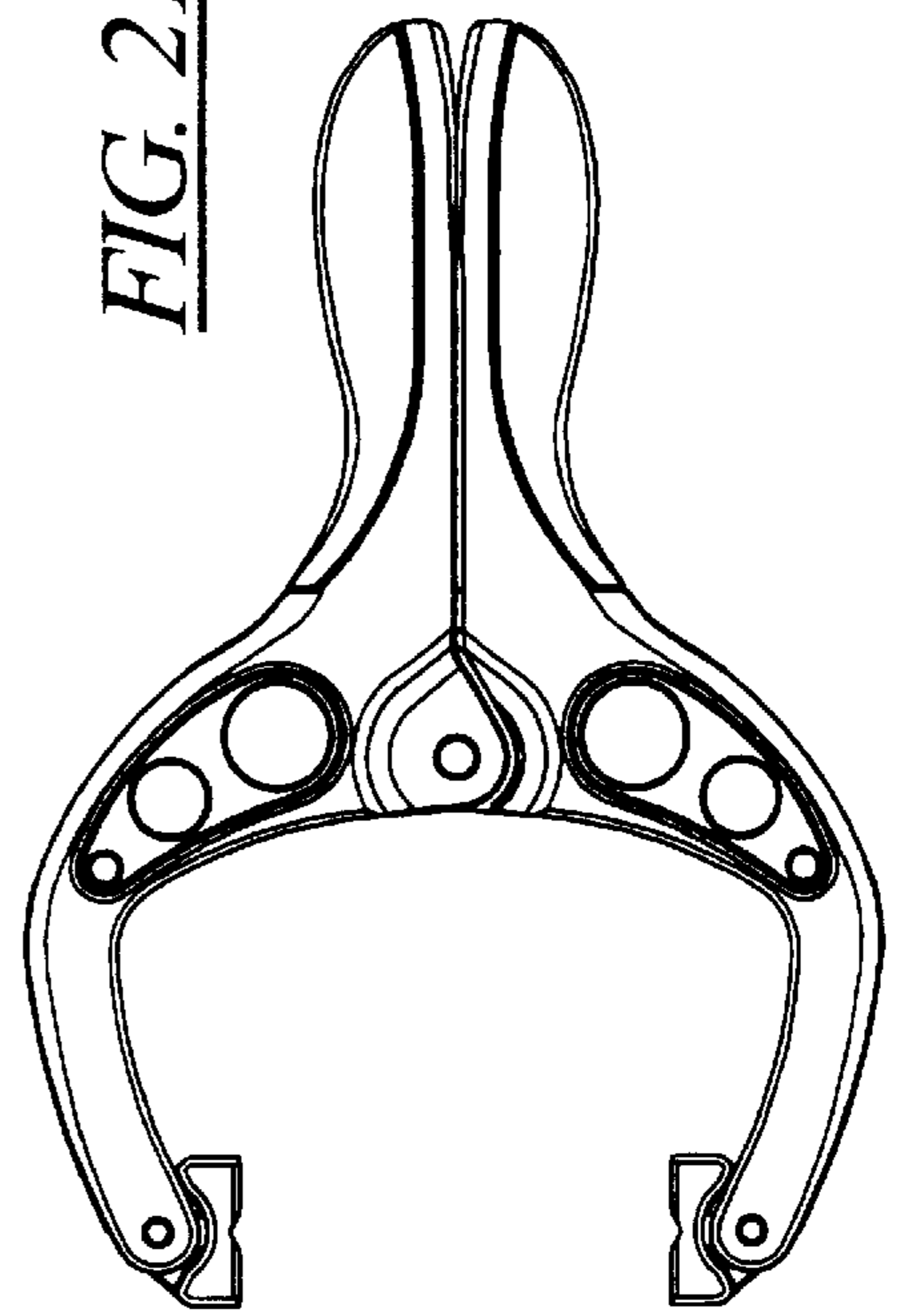
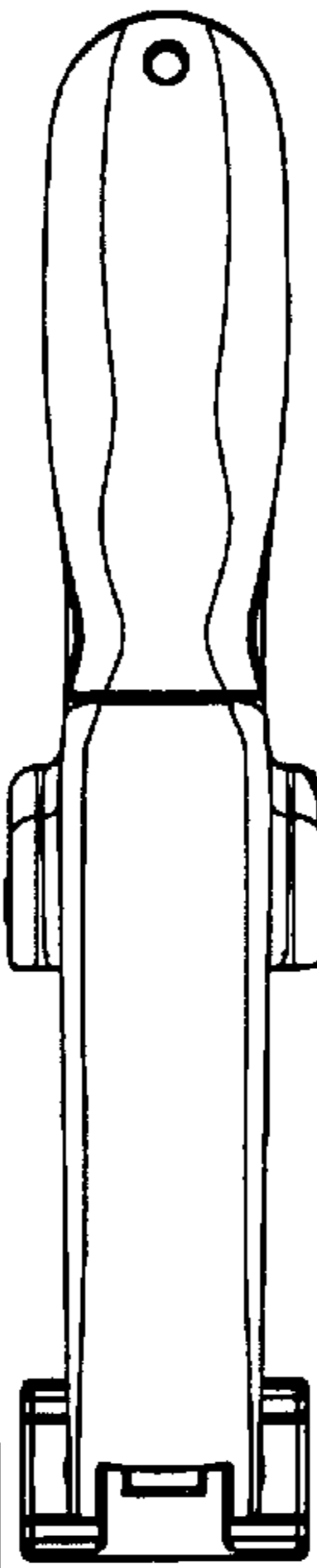


FIG. 21