

US00D900315S

(12) **United States Design Patent** (10) **Patent No.:** **US D900,315 S**
Breiner (45) **Date of Patent:** **** Oct. 27, 2020**

(54) **MULTI-DEGREE-OF-FREEDOM SURGICAL CLIP**

(74) *Attorney, Agent, or Firm* — Tarolli, Sundheim, Covell & Tummino LLP

(71) Applicant: **Edward Via Virginia College Of Osteopathic Medicine**, Blacksburg, VA (US)

(57) **CLAIM**

I claim the ornamental design for a multi-degree-of-freedom surgical clip, as shown and described.

(72) Inventor: **Michael Breiner**, Roanoke, VA (US)

DESCRIPTION

(73) Assignee: **EDWARD VIA VIRGINIA COLLEGE OF OSTEOPATHIC MEDICINE**, Blacksburg, VA (US)

FIG. 1 is a top perspective view of a multi-degree-of-freedom surgical clip comprising a new, original and ornamental design, in a first example use configuration;

(**) Term: **15 Years**

FIG. 2 is a bottom perspective view of the multi-degree-of-freedom surgical clip shown in FIG. 1;

(21) Appl. No.: **29/662,512**

FIG. 3 is a front view of the multi-degree-of-freedom surgical clip shown in FIG. 1;

(22) Filed: **Sep. 6, 2018**

FIG. 4 is a rear view of the multi-degree-of-freedom surgical clip shown in FIG. 1;

(51) **LOC (12) Cl.** **24-02**

FIG. 5 is a left side view of the multi-degree-of-freedom surgical clip shown in FIG. 1;

(52) **U.S. Cl.**

USPC **D24/143**

FIG. 6 is a right side view of the multi-degree-of-freedom surgical clip shown in FIG. 1;

(58) **Field of Classification Search**

USPC D24/133, 143, 144, 169; D8/57, 52, 58, D8/72; 604/59, 60, 73

FIG. 7 is a top view of the multi-degree-of-freedom surgical clip shown in FIG. 1;

CPC A61B 17/08; A61B 17/10; A61B 17/28;

A61B 17/29; A61B 17/68; A61B 17/083;

A61B 17/122; A61B 17/128; A61B

17/0487; A61B 17/0491; A61B 17/221;

A61B 17/3403; A61B 17/2468; A61B

(Continued)

FIG. 8 is a bottom view of the multi-degree-of-freedom surgical clip shown in FIG. 1;

FIG. 9 is a front perspective view of the multi-degree-of-freedom surgical clip shown in FIG. 1, in a second example use configuration;

FIG. 10 is a front view of the multi-degree-of-freedom surgical clip shown in FIG. 9;

FIG. 11 is a rear perspective view of the multi-degree-of-freedom surgical clip shown in FIG. 1, in a third example use configuration; and,

FIG. 12 is a right side view of the multi-degree-of-freedom surgical clip shown in FIG. 11.

The broken lines shown in the drawings are included for the purpose of illustrating portions of the multi-degree-of-freedom surgical clip, and form no part of the claimed design.

(56) **References Cited**

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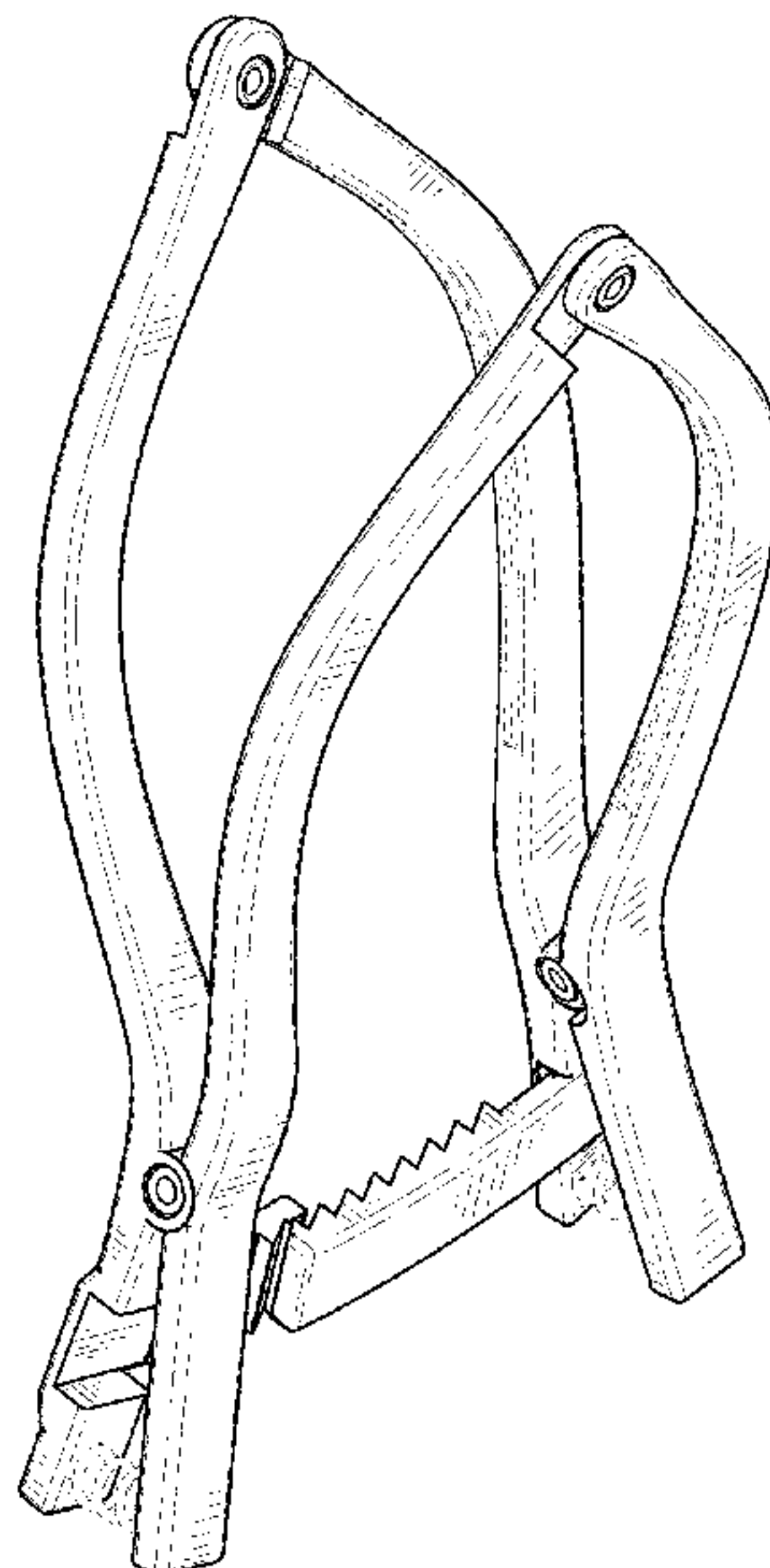
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Primary Examiner — Wan Laymon

Assistant Examiner — Clint A Samuel

1 Claim, 6 Drawing Sheets



(58) **Field of Classification Search**

CPC 2017/2808; A61B 2017/2926; A61B
2017/2946; A61M 27/00; A61M 27/002
See application file for complete search history.

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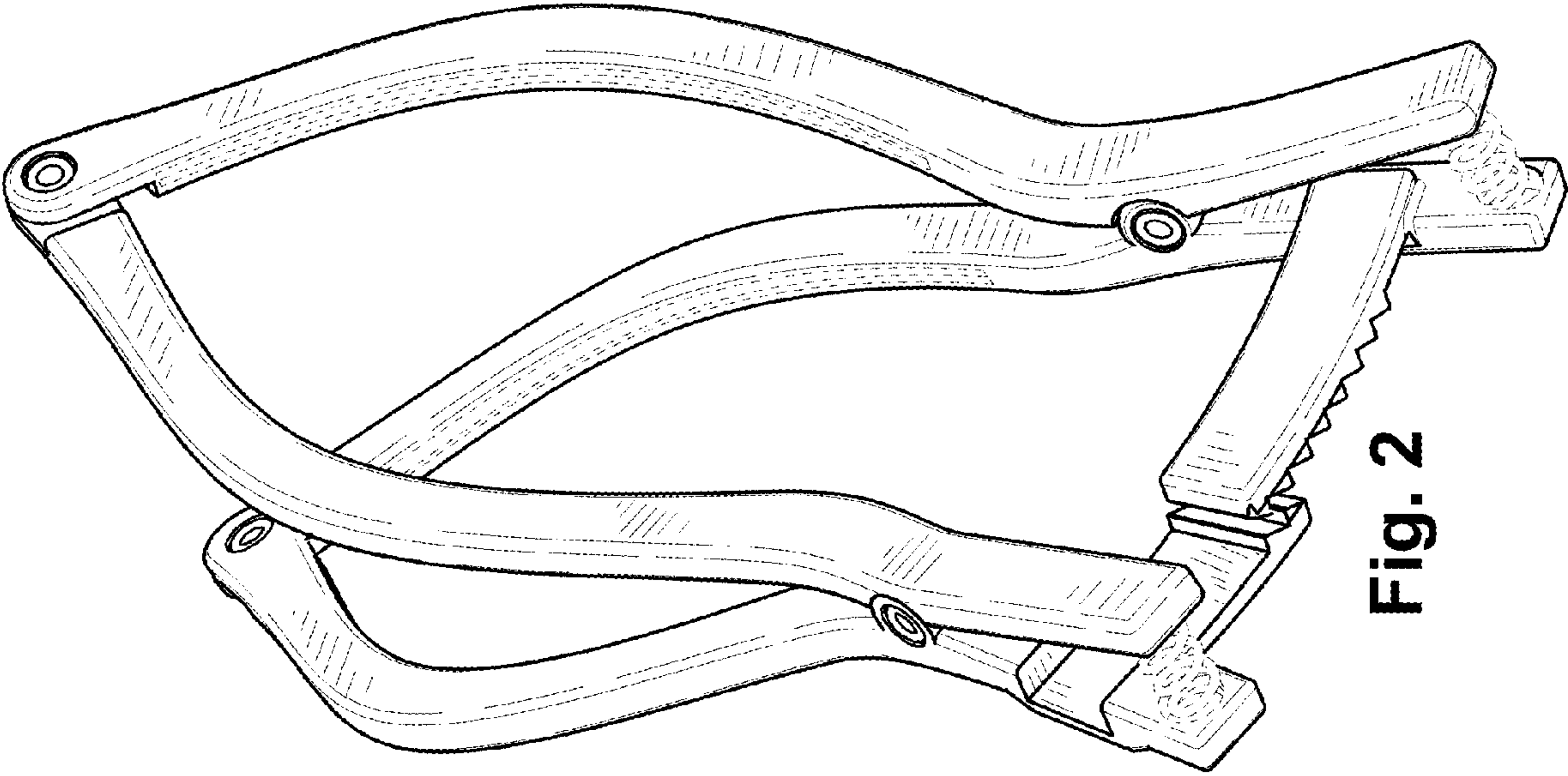


Fig. 2

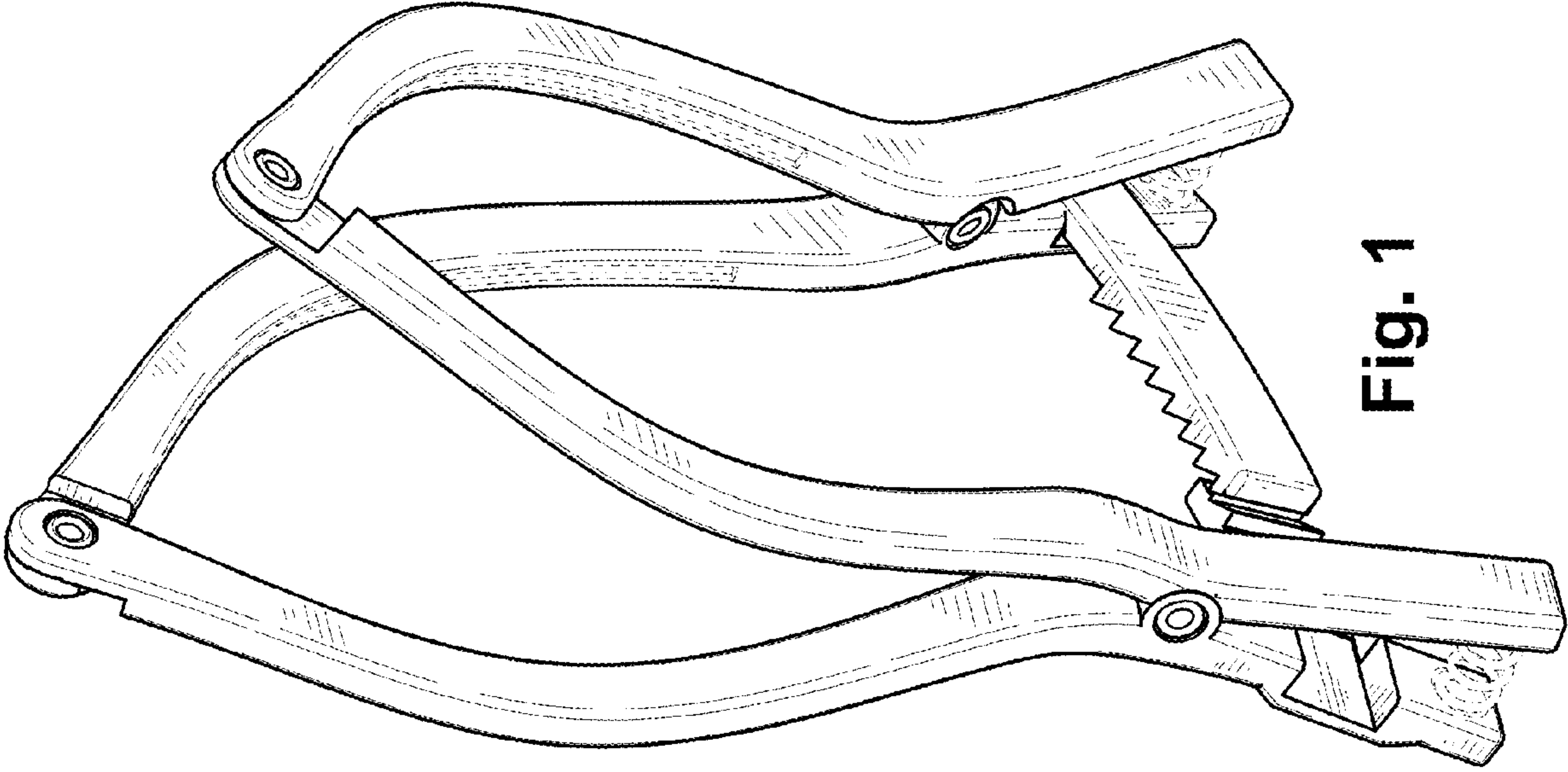


Fig. 1

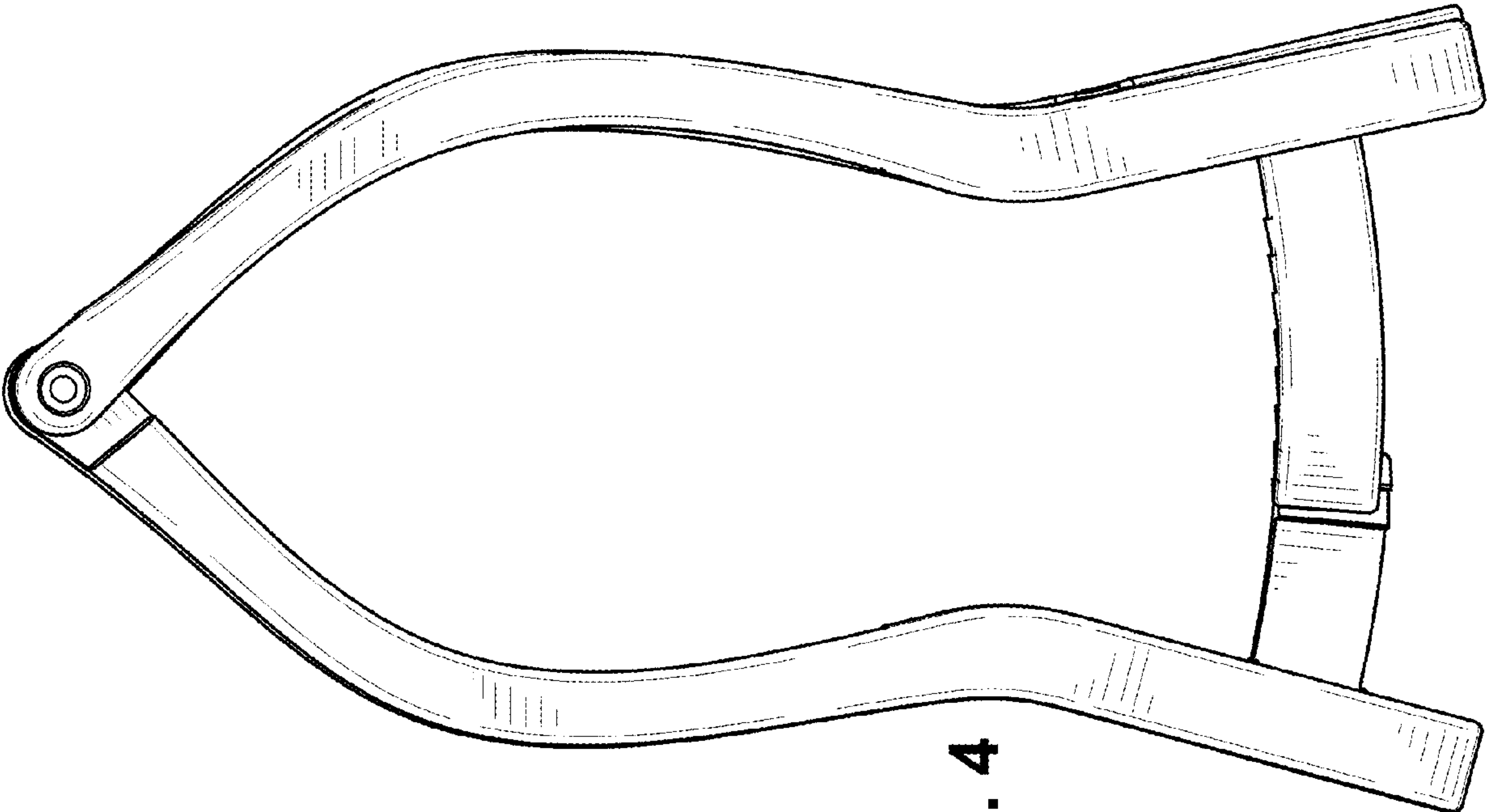


Fig. 4

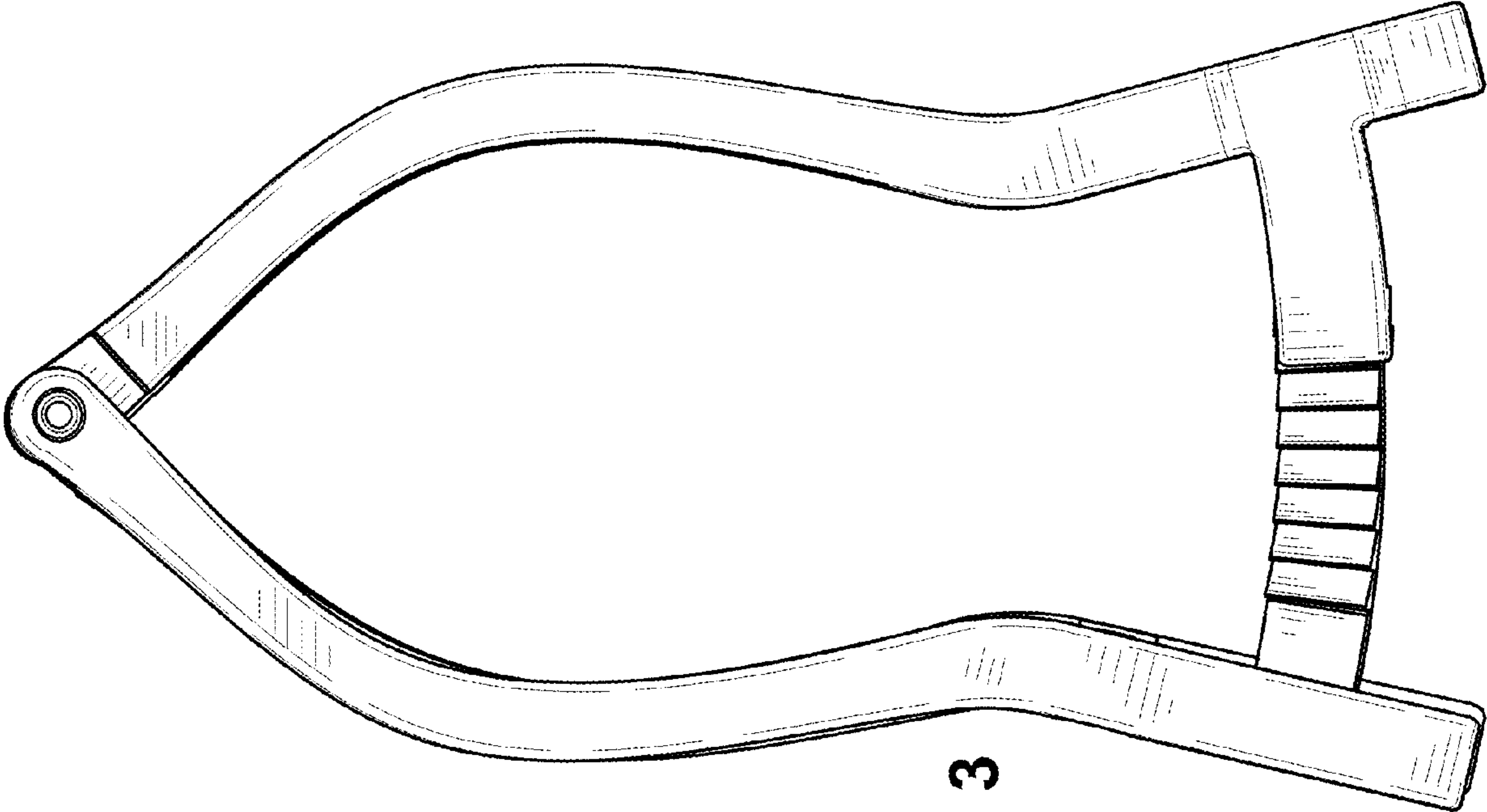


Fig. 3

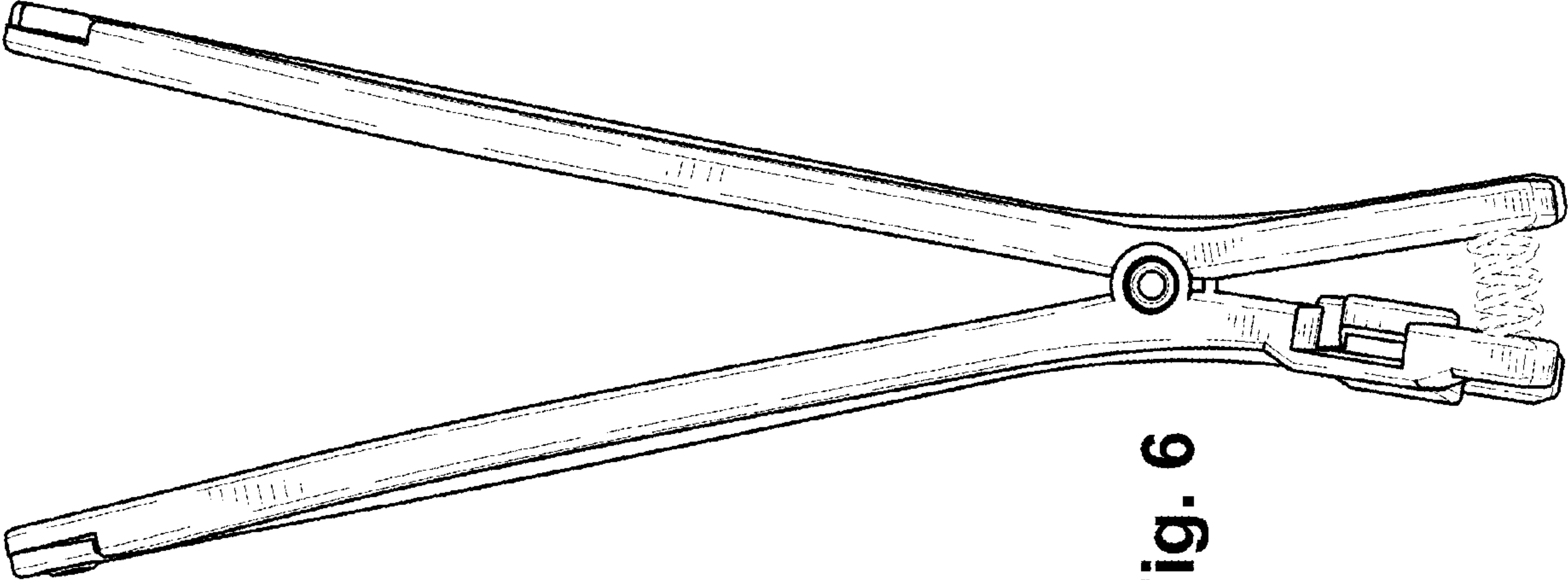


Fig. 6

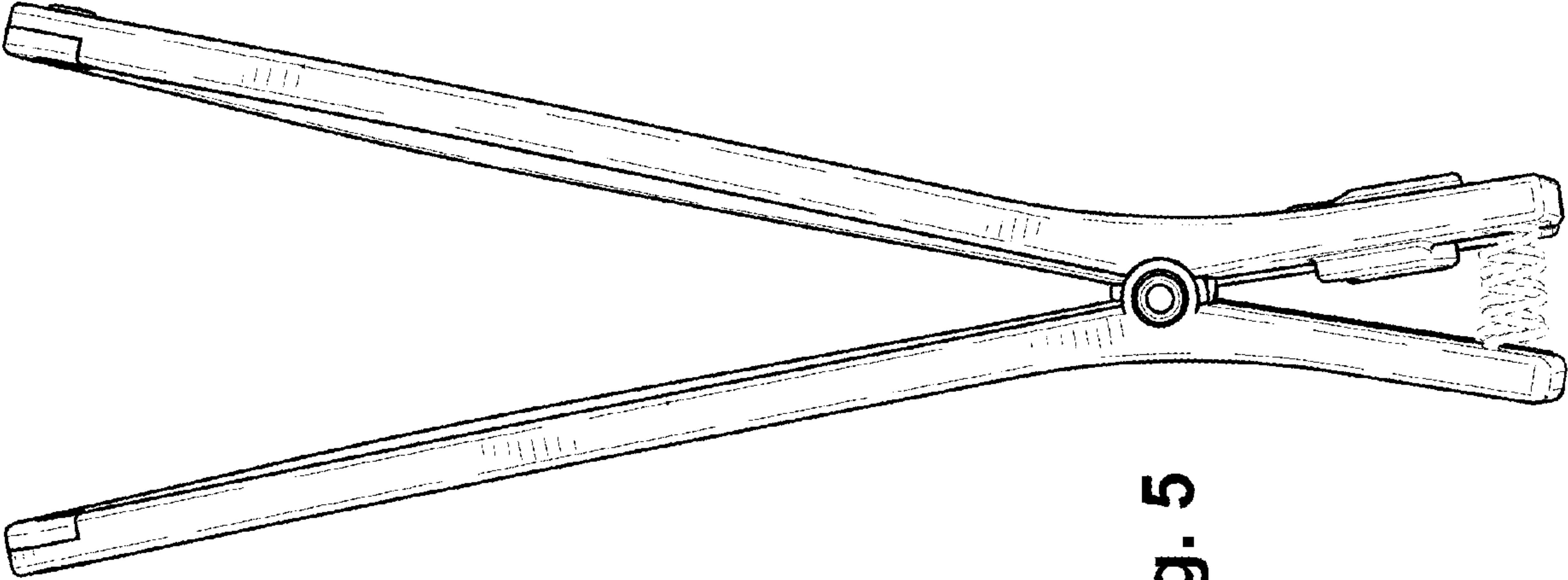


Fig. 5

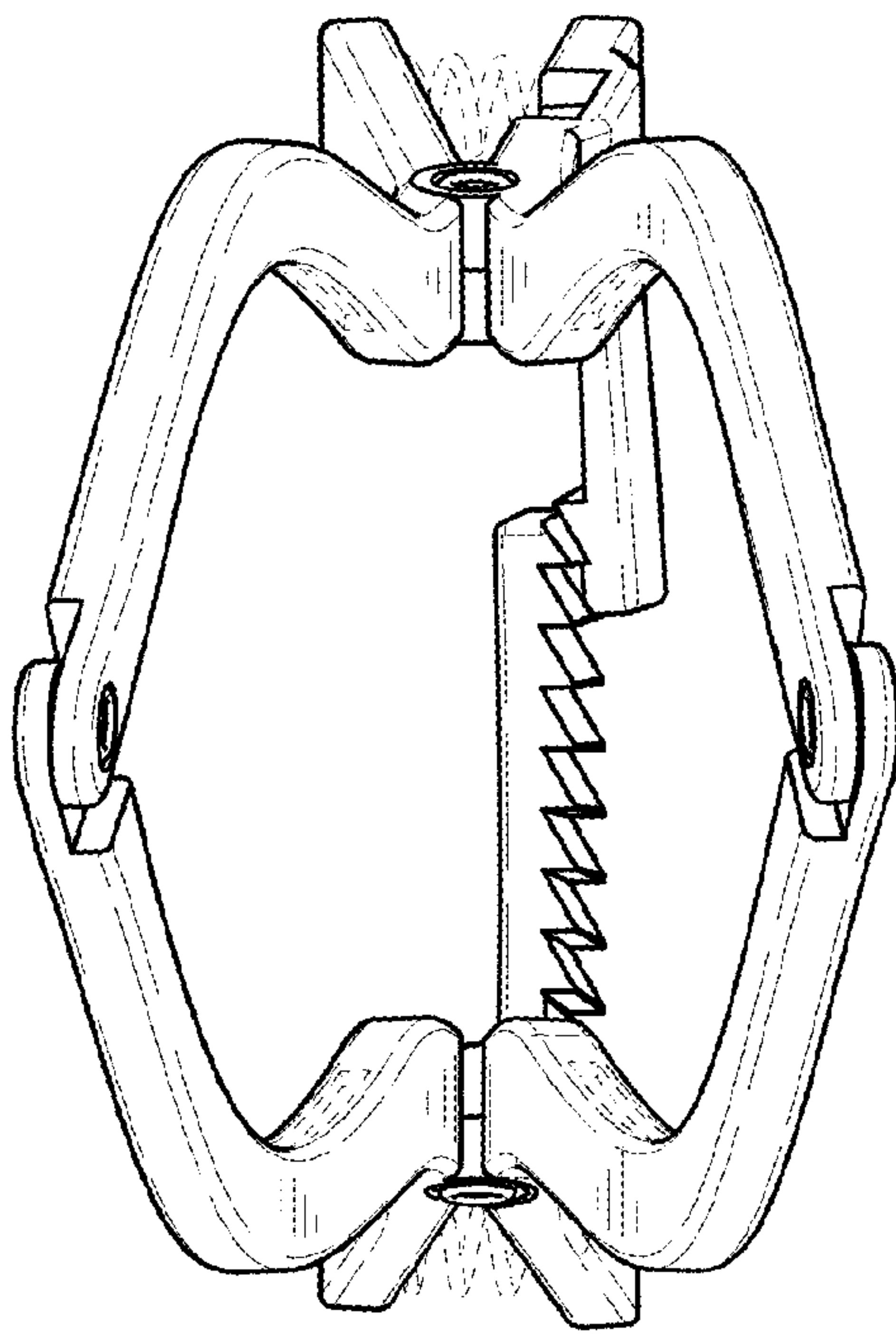


Fig. 7

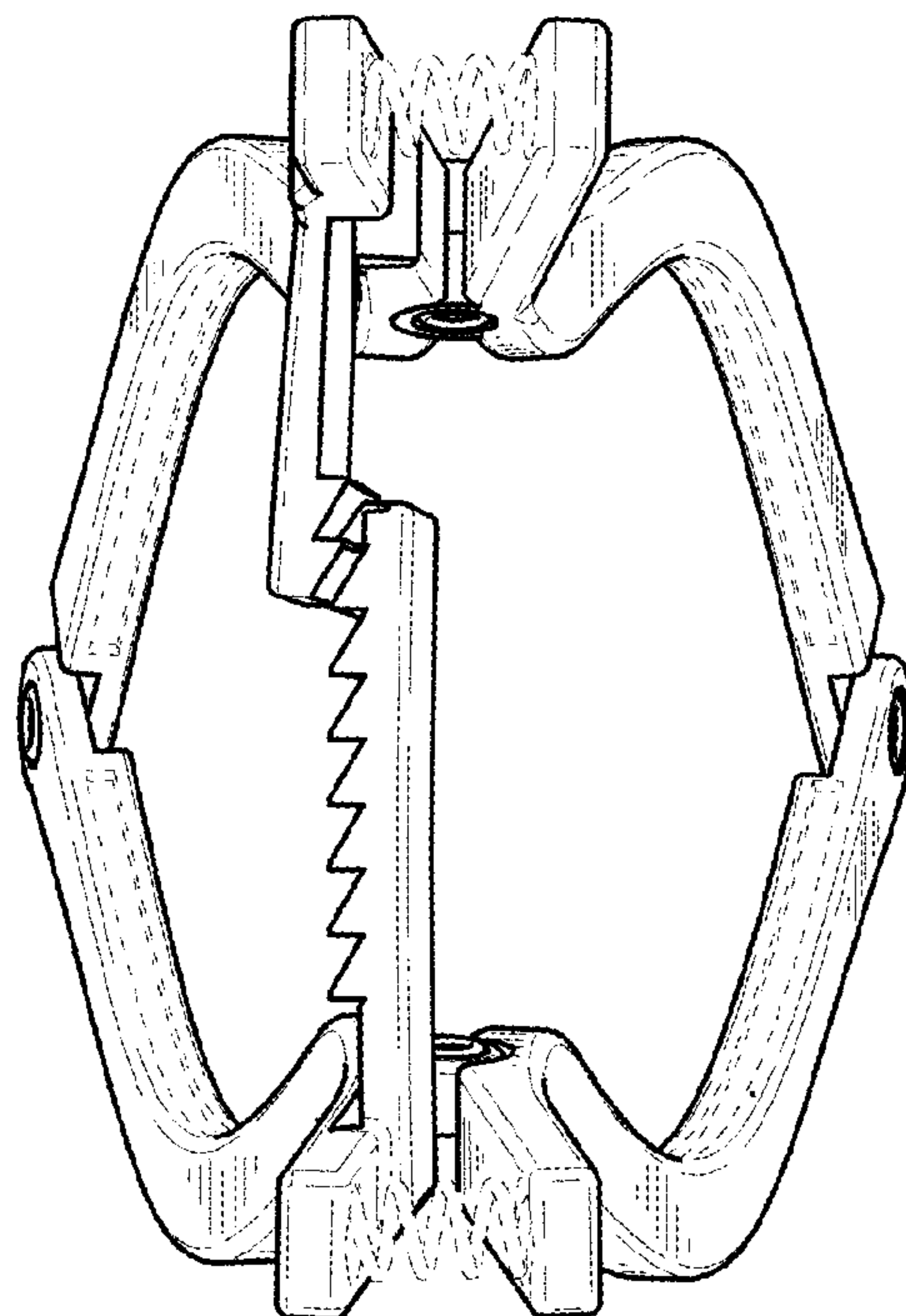


Fig. 8

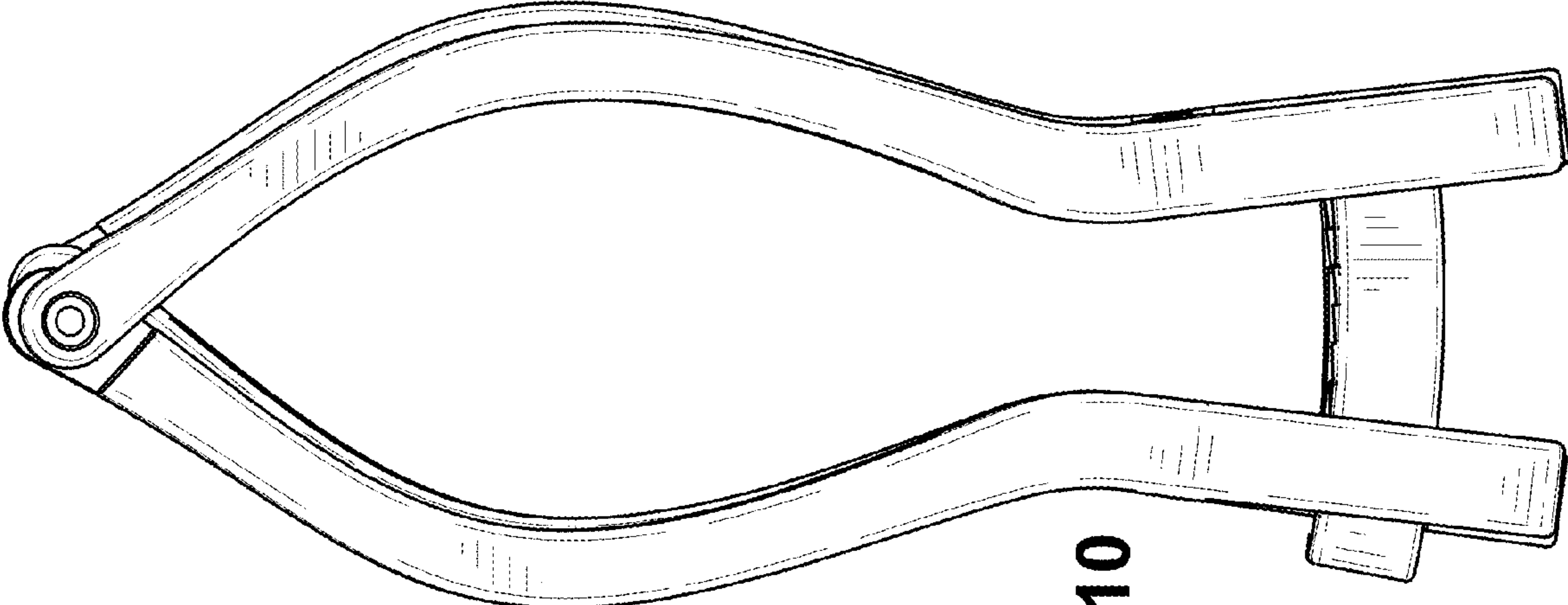


Fig. 10

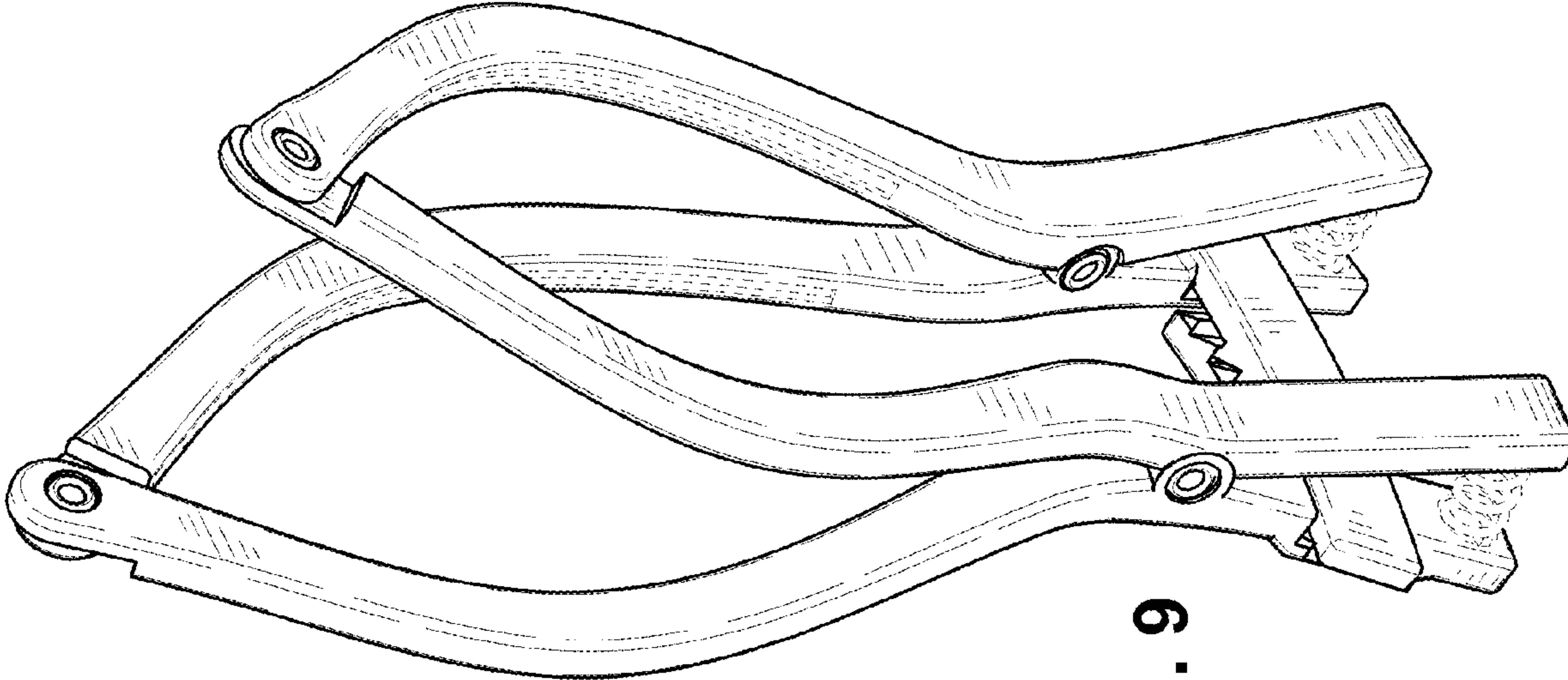


Fig. 9

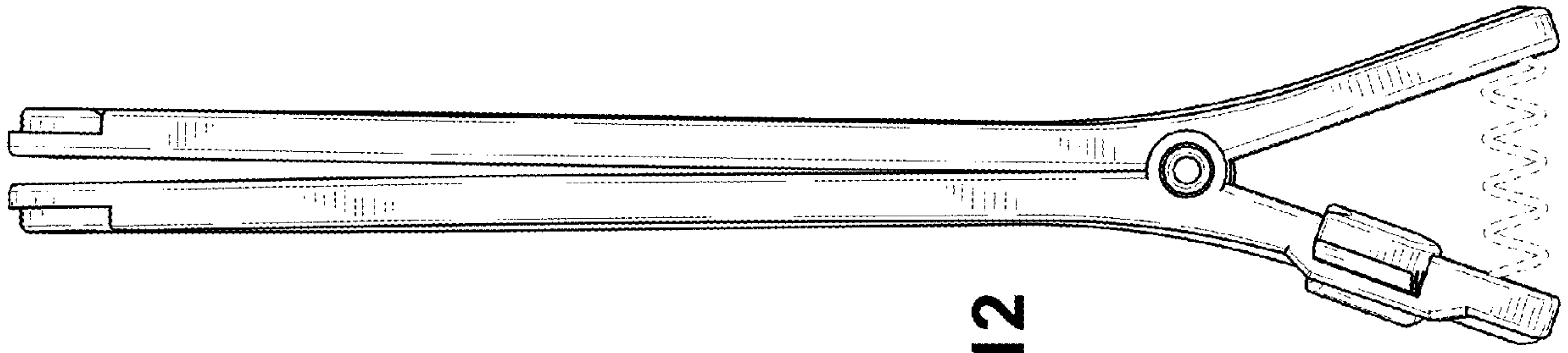


Fig. 12

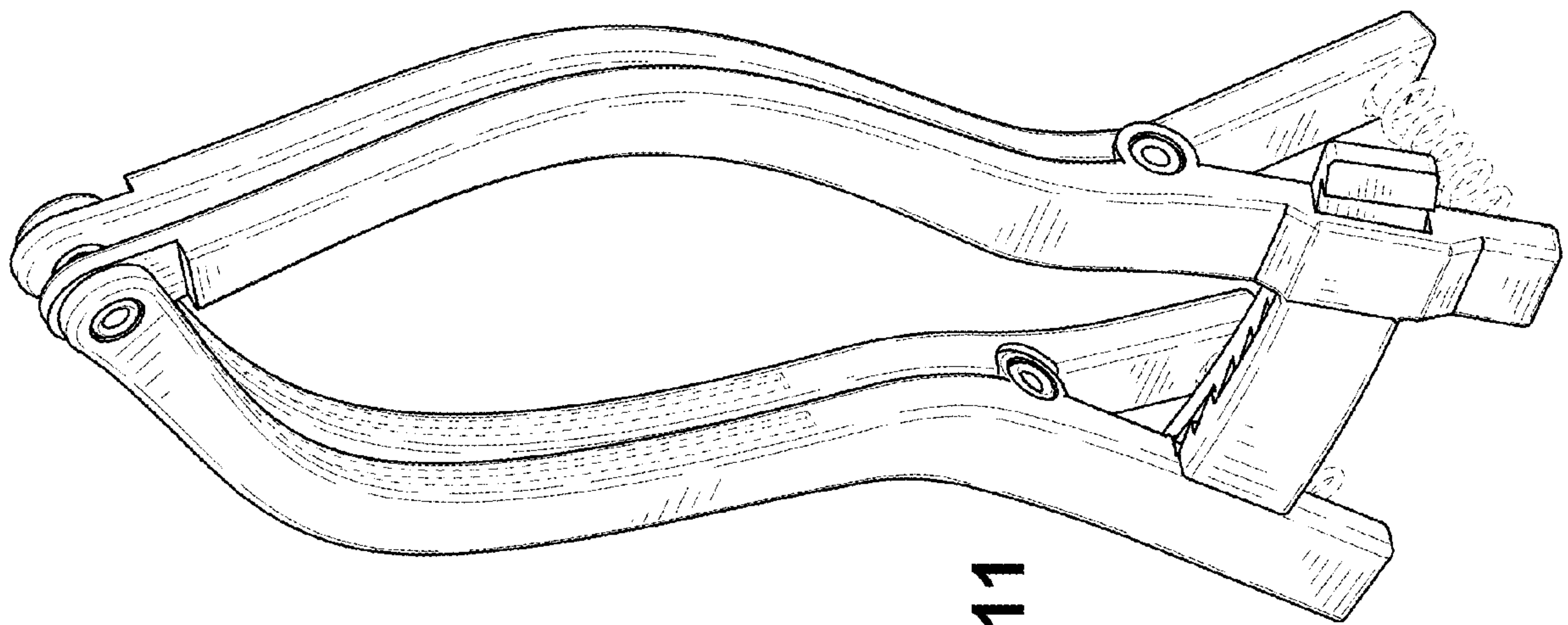


Fig. 11