



US00D430294S

United States Patent [19]

[11] **Patent Number: Des. 430,294**

Nathanson et al.

[45] **Date of Patent: ** Aug. 29, 2000**

[54] **RETRACTOR BLADE FOR HEART VALVE SURGERY**

5,339,801 8/1994 Poloyko et al. 600/214
5,980,455 11/1999 Daniel et al. 600/235

[76] Inventors: **Michael Nathanson**, 5315 Silver Point Way, San Jose, Calif. 95138; **Tibor B. Koros**; **Gabriel J. Koros**, both of 610 Flinn Ave., Moorpark, Calif. 93021

Primary Examiner—Ian Simmons
Attorney, Agent, or Firm—David O'Reilly

[**] Term: **14 Years**

[57] **CLAIM**

The ornamental design for a retractor blade for heart valve surgery, substantially as shown and described.

[21] Appl. No.: **29/106,712**

DESCRIPTION

[22] Filed: **Jun. 18, 1999**

Related U.S. Application Data

FIG. 1 is a front isometric view of a retractor blade for heart valve surgery according to the invention showing our new design with the blades in an open position. FIG. 2 is a front elevational view thereof. FIG. 3 is a right elevational view thereof. FIG. 4 is a rear elevational view thereof. FIG. 5 is a top plan view thereof. FIG. 6 is a bottom plan view thereof; and, FIG. 7 is a front isometric view thereof with the blades closed position.

[63] Continuation-in-part of application No. 29/101,065, Feb. 24, 1999, Pat. No. Des. 422,705.

[51] **LOC (7) Cl.** **24-02**

[52] **U.S. Cl.** **D24/135**

[58] **Field of Search** D24/135; 600/201, 600/210, 211, 214

The broken line showing in FIGS. 1 through 7 is for illustrative purposes only and forms no part of the claimed design.

[56] References Cited

U.S. PATENT DOCUMENTS

D. 421,803 3/2000 Koros et al. D24/135

1 Claim, 3 Drawing Sheets

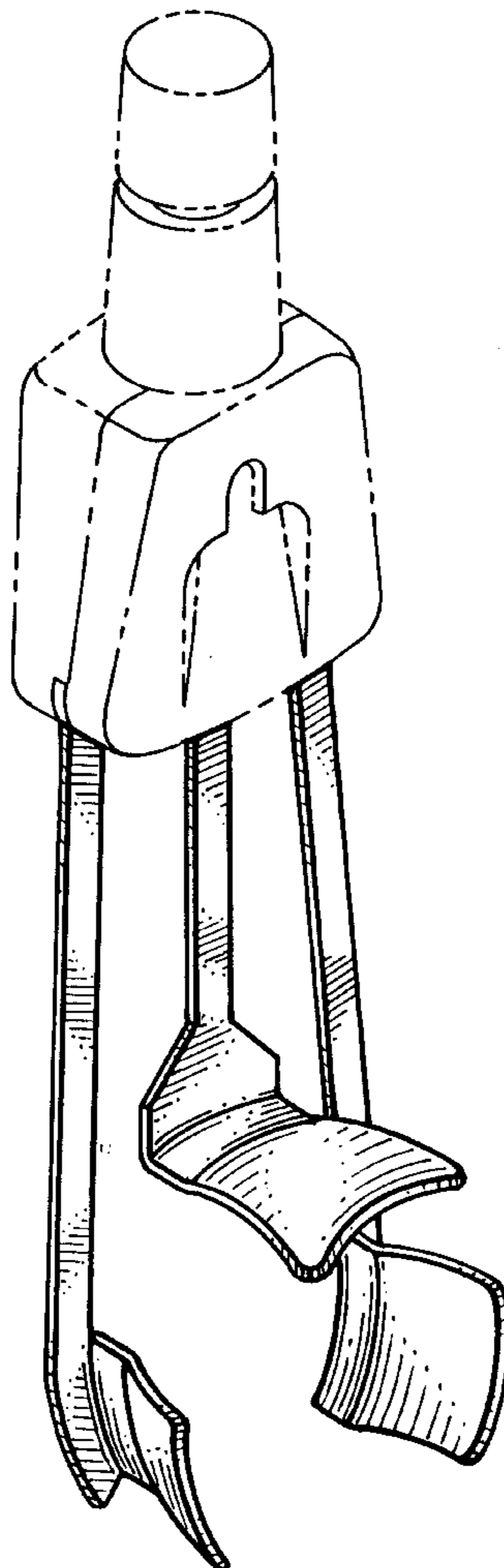




Fig. 1.

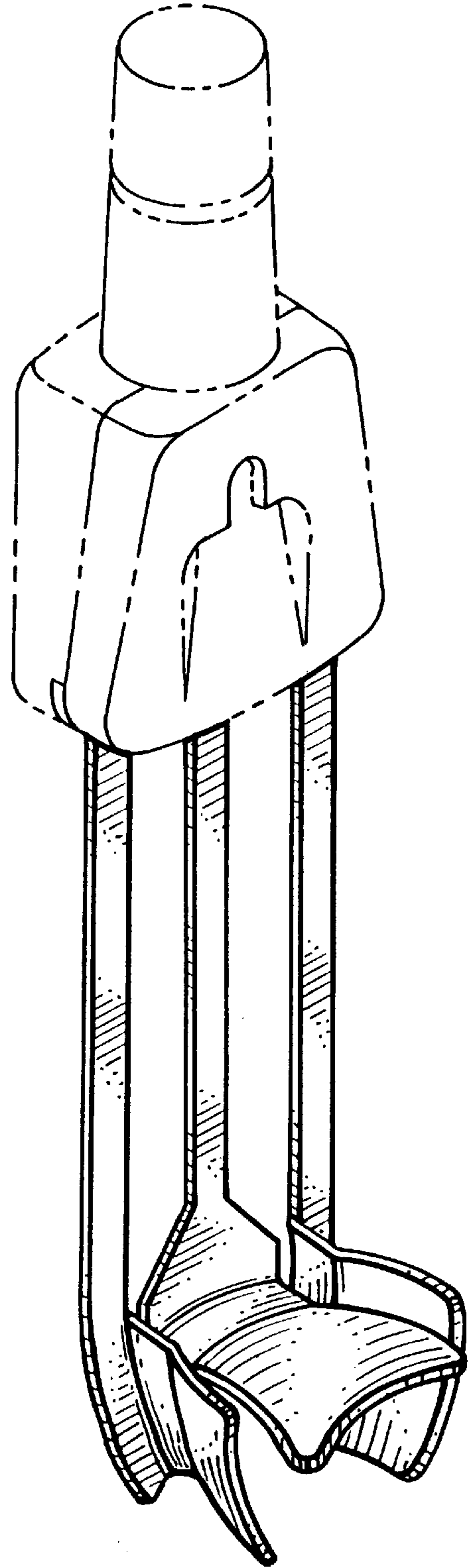


Fig. 7.

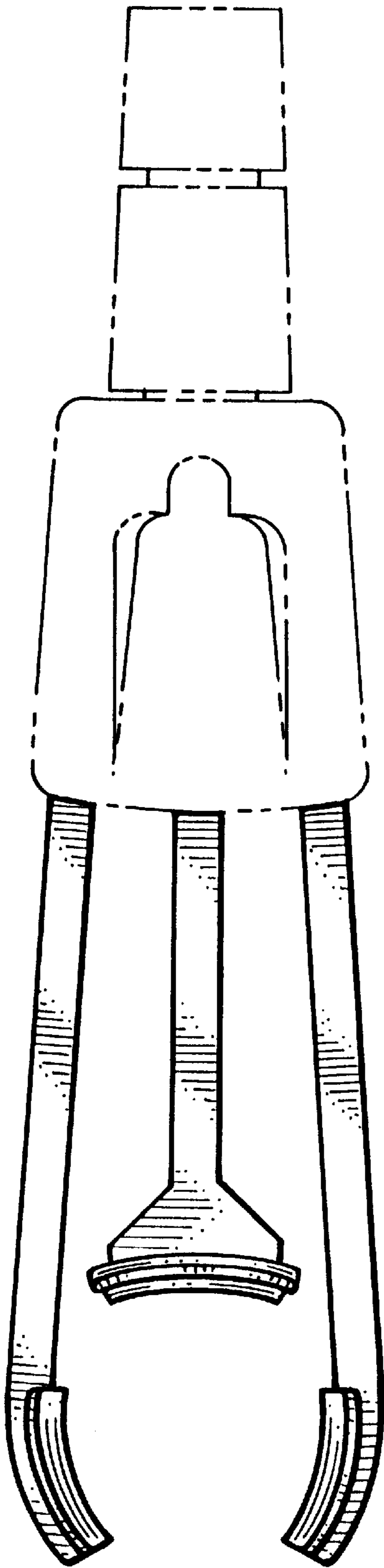


Fig. 2.

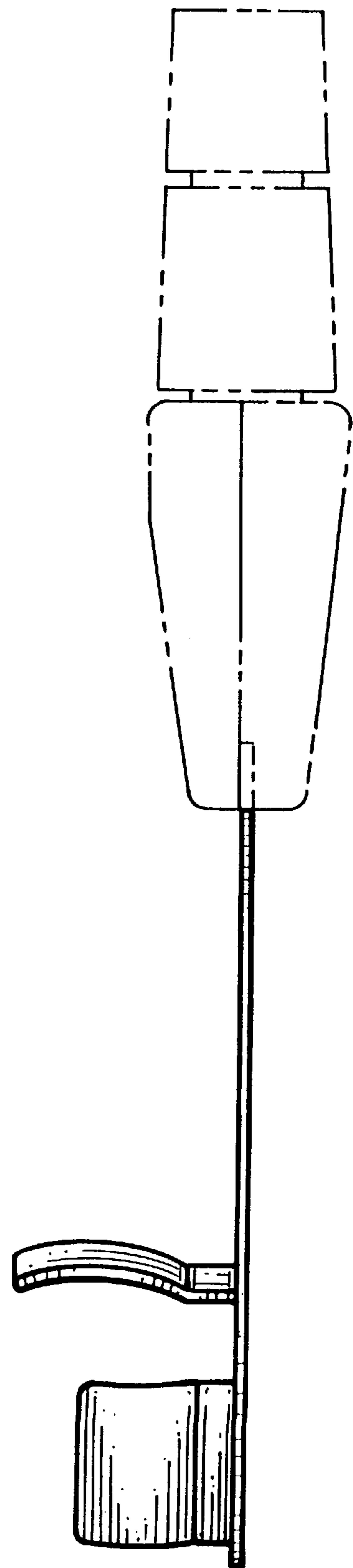


Fig. 3.

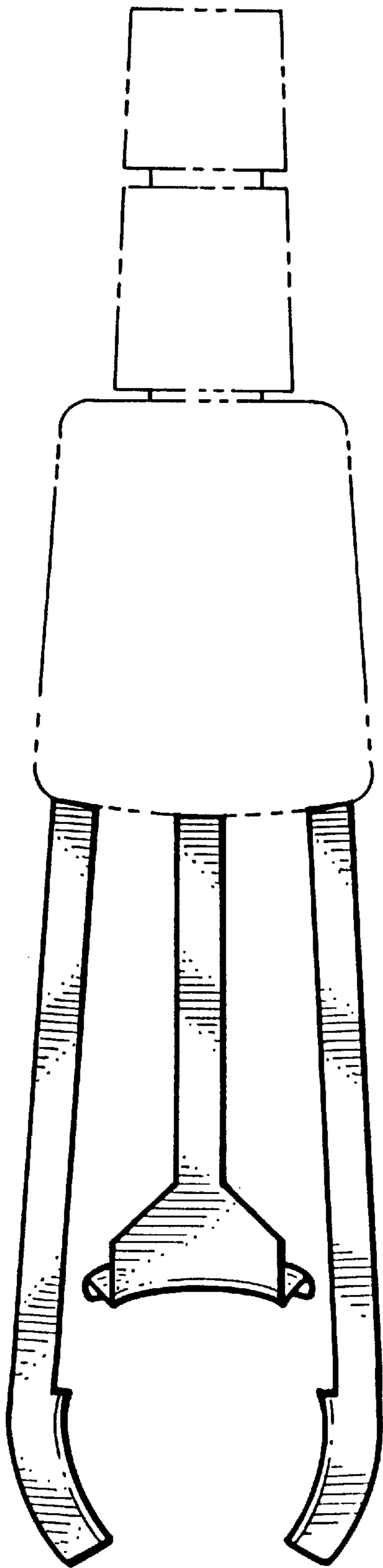


Fig. 4.

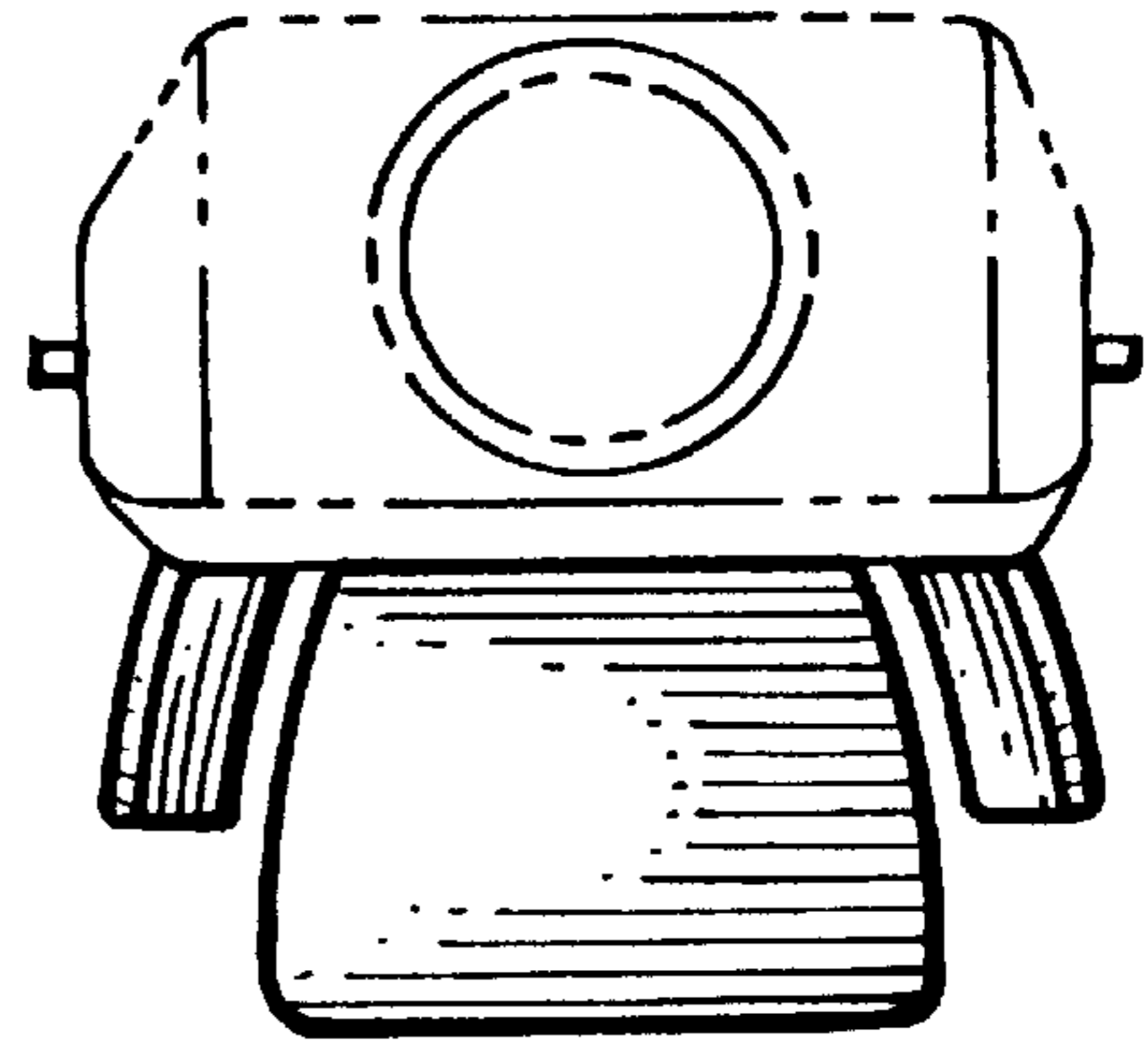


Fig. 5.

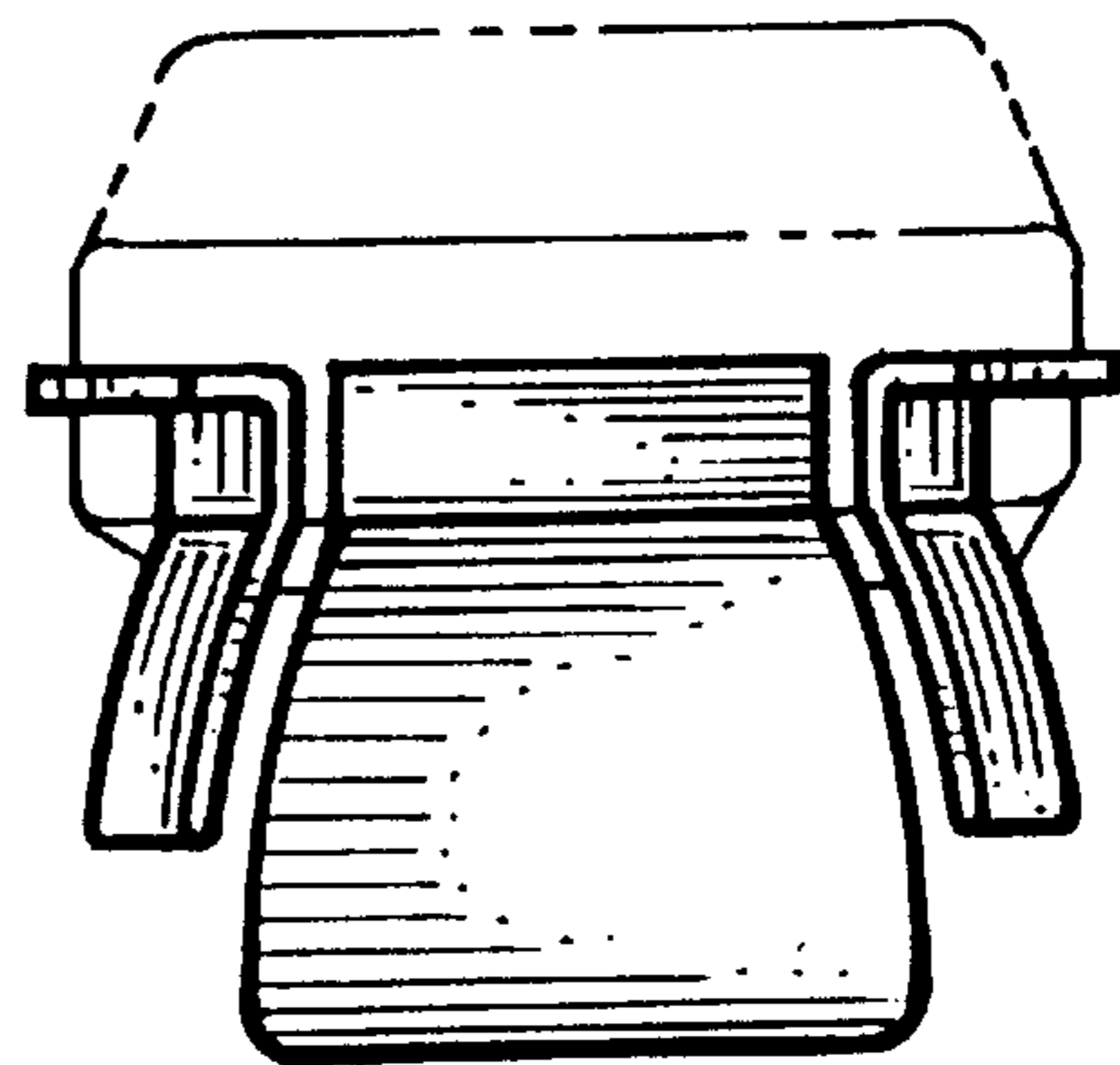


Fig. 6.