



US00D428830S

United States Patent [19]

Brummer

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[45] Date of Patent: ** Aug. 1, 2000

[54] RECUMBENT BICYCLE FRAME

[76] Inventor: Timothy E. Brummer, 1308 W. Willow, Lompoc, Calif. 93436

[**] Term: 14 Years

[21] Appl. No.: 29/096,450

[22] Filed: Nov. 12, 1998

[51] LOC (7) Cl. 12-11

[52] U.S. Cl. D12/111

[58] Field of Search D12/111; 280/228.1-228.3, 280/281.1; 228/173.4

[56] References Cited

U.S. PATENT DOCUMENTS

D. 301,136	5/1989	Brummer		D12/111
D. 304,319	10/1989	Brummer		D12/111
D. 327,040	6/1992	Brummer		D12/111
D. 369,574	5/1996	Clarke		D12/111
D. 420,370	2/2000	Spriggs et al.		D12/111
5,272,928	12/1993	Young		280/288.2

OTHER PUBLICATIONS

Brochure from Advanced Transportation Products, Inc., Model R40 (Sep. 1998).

RCN (Recumbent Bicycle News), Mar. 1997, Greenspeed GBR20/26 Tourer SWB.

Photocopy of photograph of an old Vision model from 1992 to 1993.

Primary Examiner—Melody N. Brown

Attorney, Agent, or Firm—Christie, Parker & Hale, LLP

[57] CLAIM

The ornamental designs for the recumbent bicycle frame, as shown and described.

DESCRIPTION

FIG. 1 is a side elevation of a first embodiment of a recumbent bicycle frame showing my invention, the opposite side being a mirror image of that shown;

FIG. 2 is a top plan view thereof;

FIG. 3 is a front elevation view thereof;

FIG. 4 is a rear elevation view thereof; and,

FIG. 5 is a bottom plan view thereof.

FIG. 6 is a side elevation view, showing a second embodiment of a recumbent bicycle frame of my invention, wherein an adjustable portion of the frame is shown in its forward most position, the opposite side being a mirror image of that shown;

FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof, and the front and rear of the second embodiment being represented by FIG. 3 and FIG. 4.

FIG. 9 is a side elevation view of a recumbent bicycle frame showing a third embodiment of my invention, the opposite side being a mirror image of that shown;

FIG. 10 is a top plan view thereof;

FIG. 11 is a bottom plan view thereof;

FIG. 12 is a front elevation view thereof; and

FIG. 13 is a rear elevation view thereof.

FIG. 14 is a side elevation view, showing a fourth embodiment of a recumbent bicycle frame of my invention, wherein an adjustable portion of the frame is shown in its forward most position, the opposite side being a mirror image of that shown;

FIG. 15 is a top plan view thereof;

FIG. 16 is a bottom plan view thereof; and the front and rear of this embodiment are represented by FIG. 12 and FIG. 13.

FIG. 17 is a side elevation view of a recumbent bicycle frame showing a fifth embodiment of my new design, the opposite side being a mirror image of that shown;

FIG. 18 is a top plan view thereof;

FIG. 19 is a bottom plan view thereof;

FIG. 20 is a front elevation view thereof; and

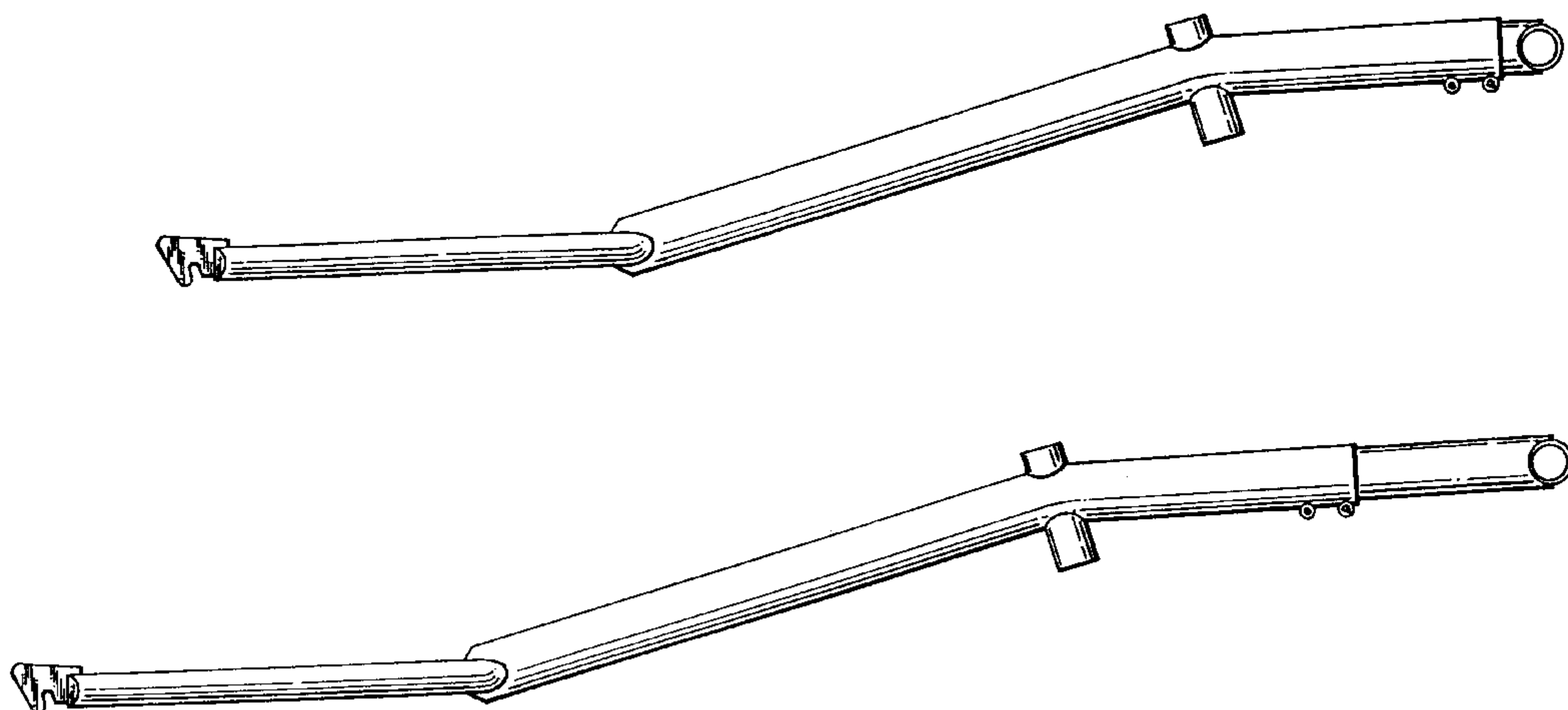
FIG. 21 is a rear elevation view thereof.

FIG. 22 is a side elevation view, showing a sixth embodiment of the recumbent bicycle frame of my invention, wherein an adjustable portion of the frame is shown in its forward most position, the opposite side being a mirror image of that shown;

FIG. 23 is a top plan view thereof; and,

FIG. 24 is a bottom plan view thereof; and the front and rear of this embodiment being represented by FIG. 20 and FIG. 21.

1 Claim, 21 Drawing Sheets



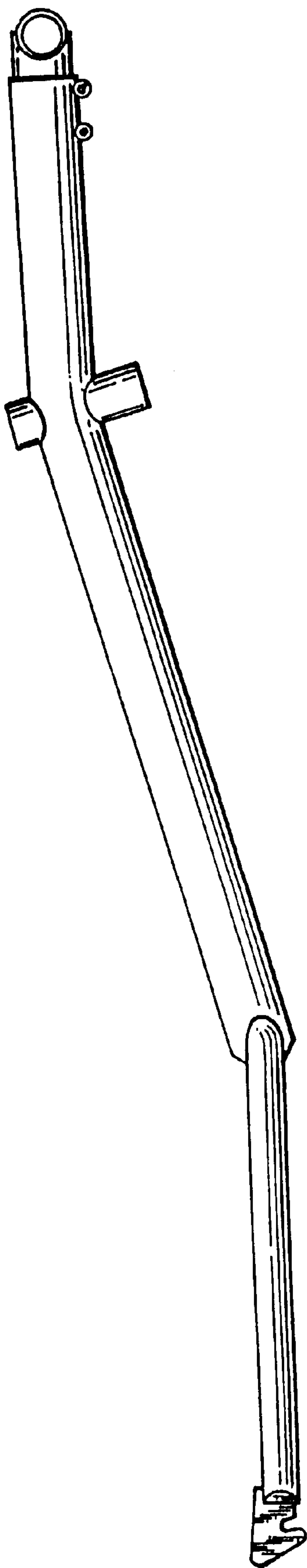


FIG. 1

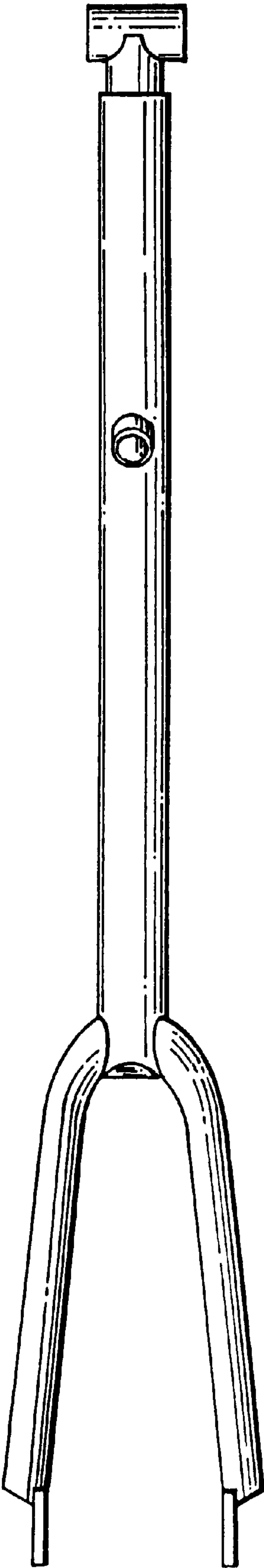


FIG. 2

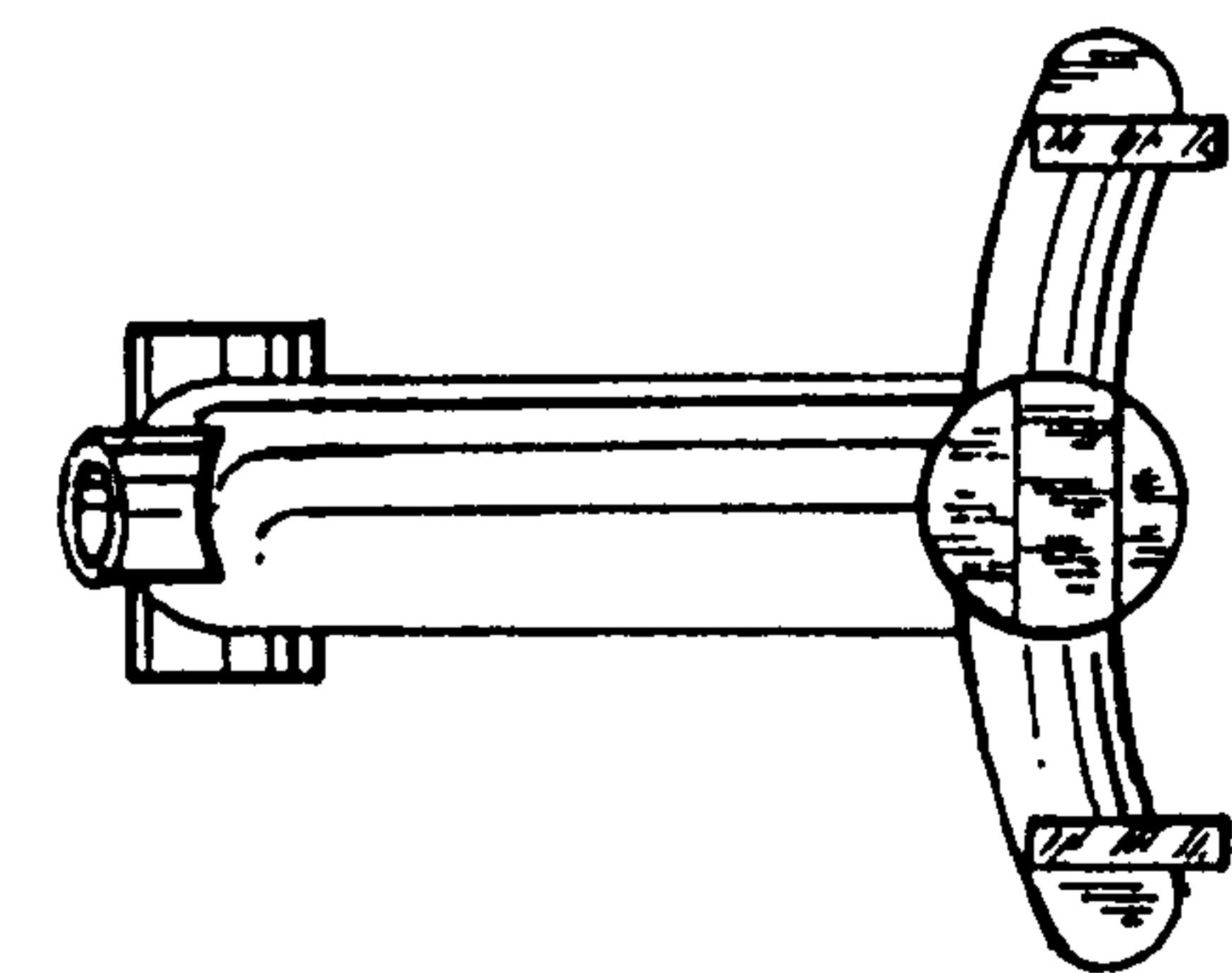


FIG. 3

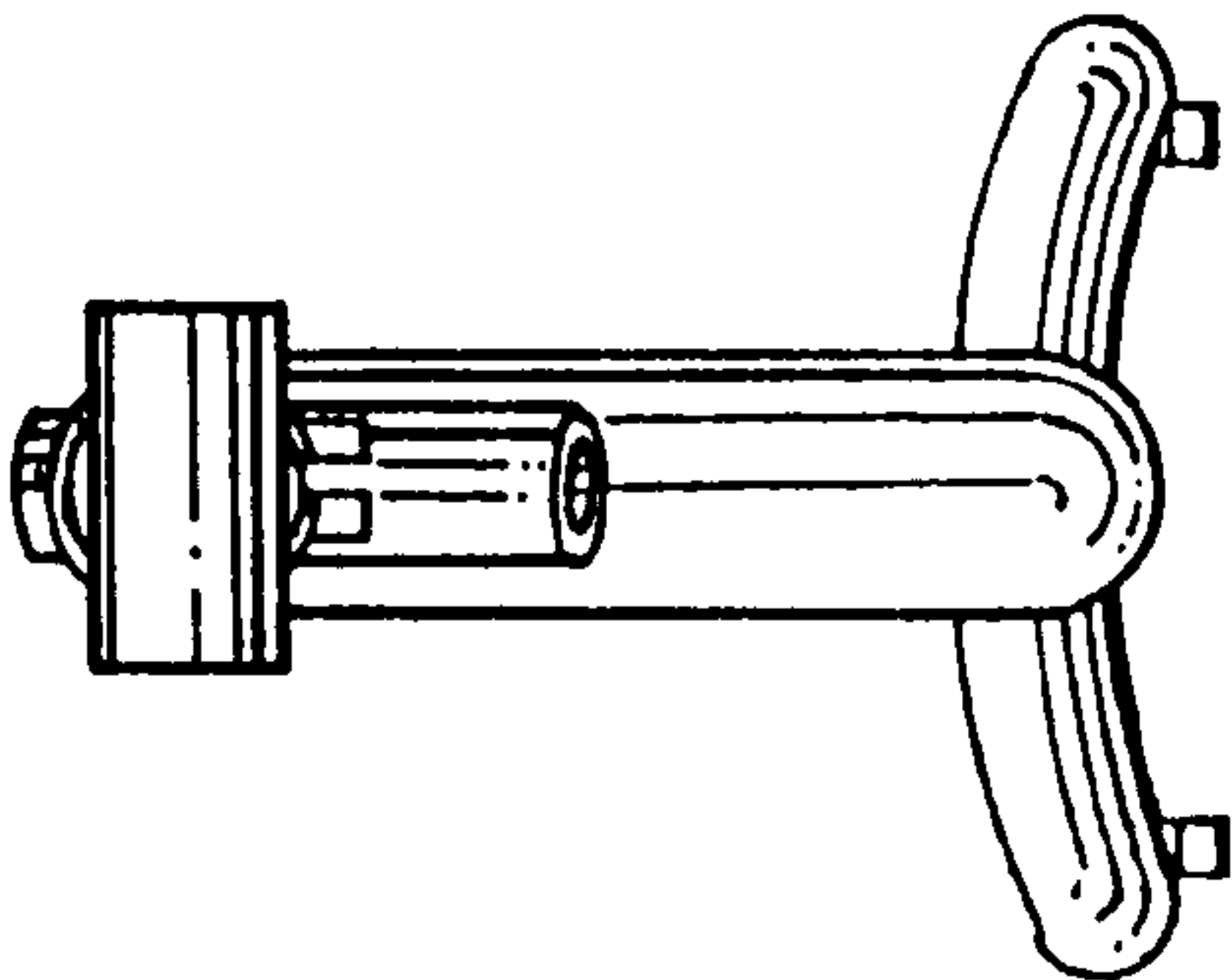


FIG. 4

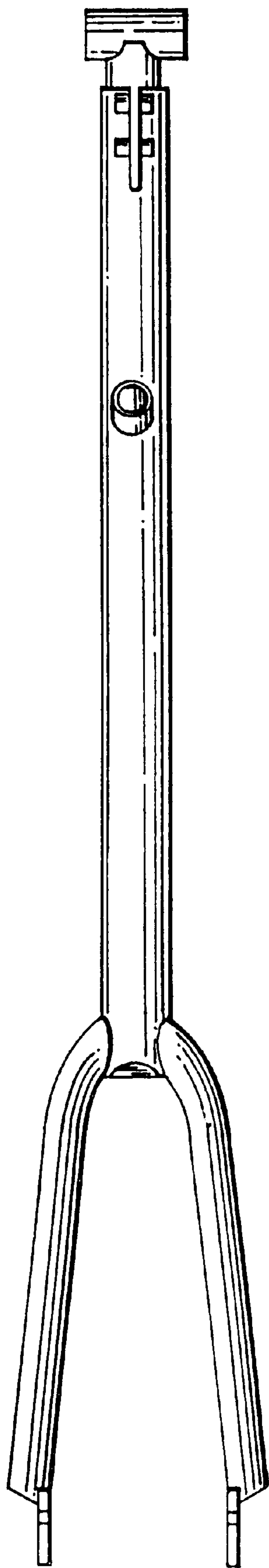


FIG. 5

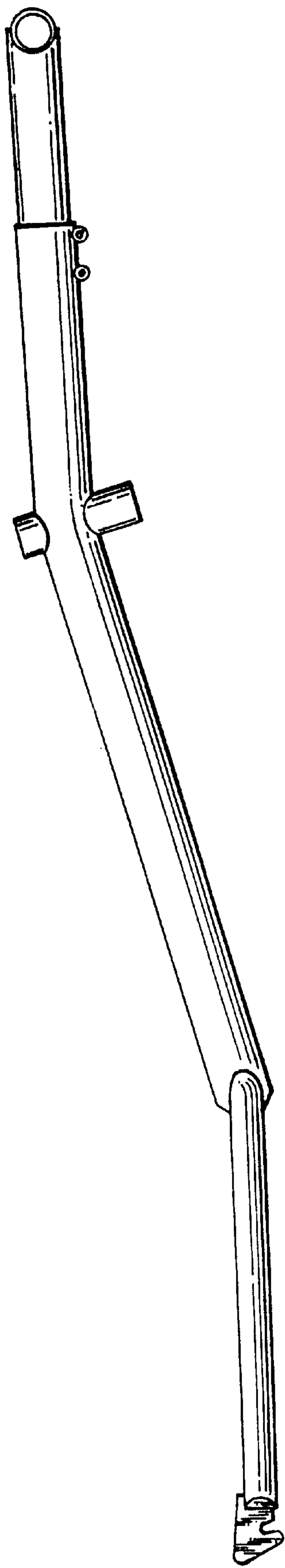


FIG. 6

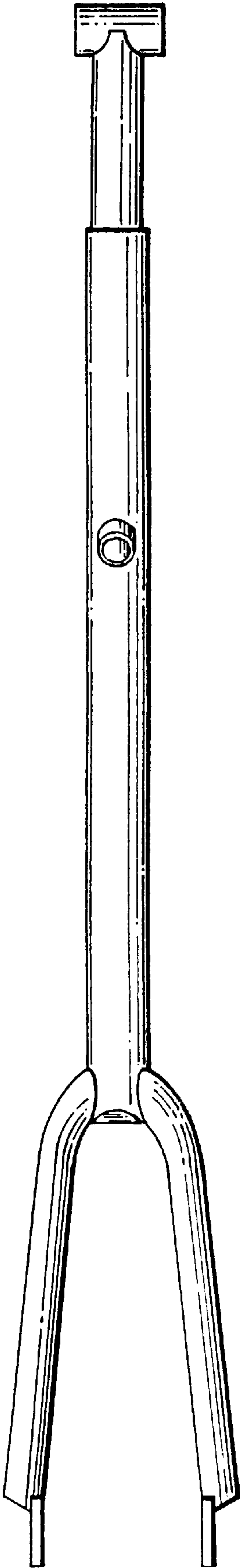


FIG. 7

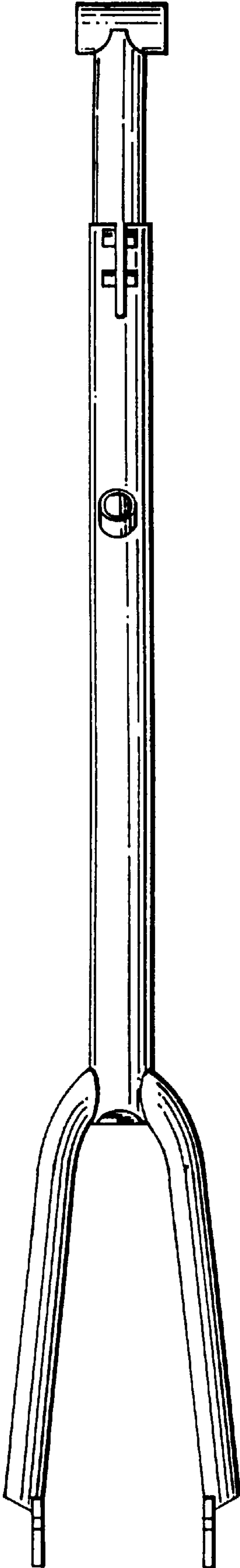


FIG. 8

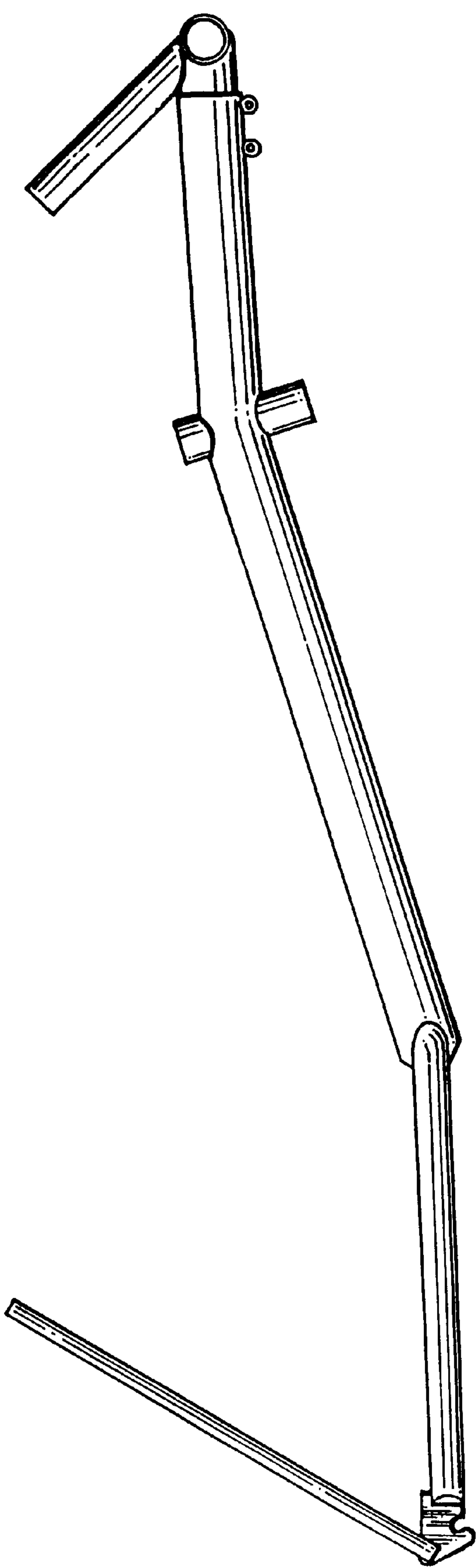


FIG. 9

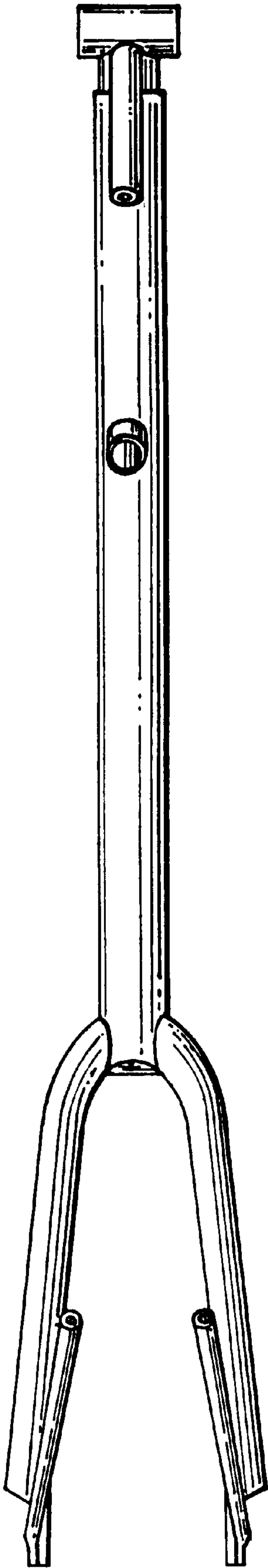


FIG. 10

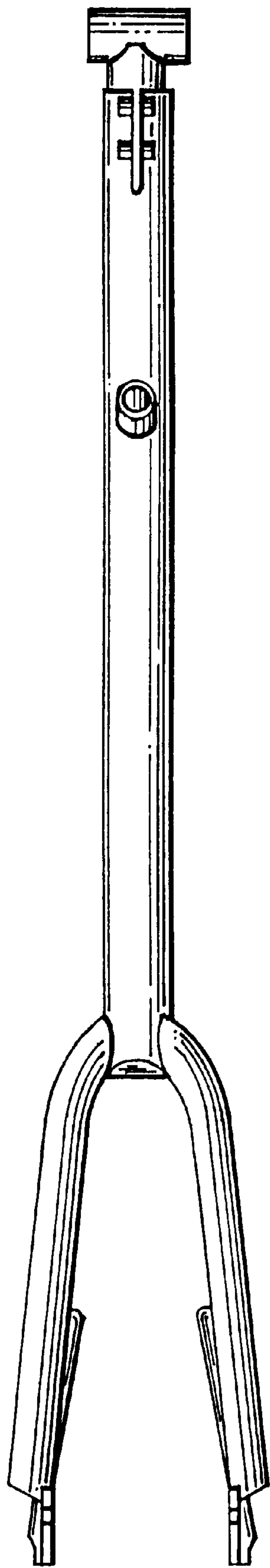


FIG. 11

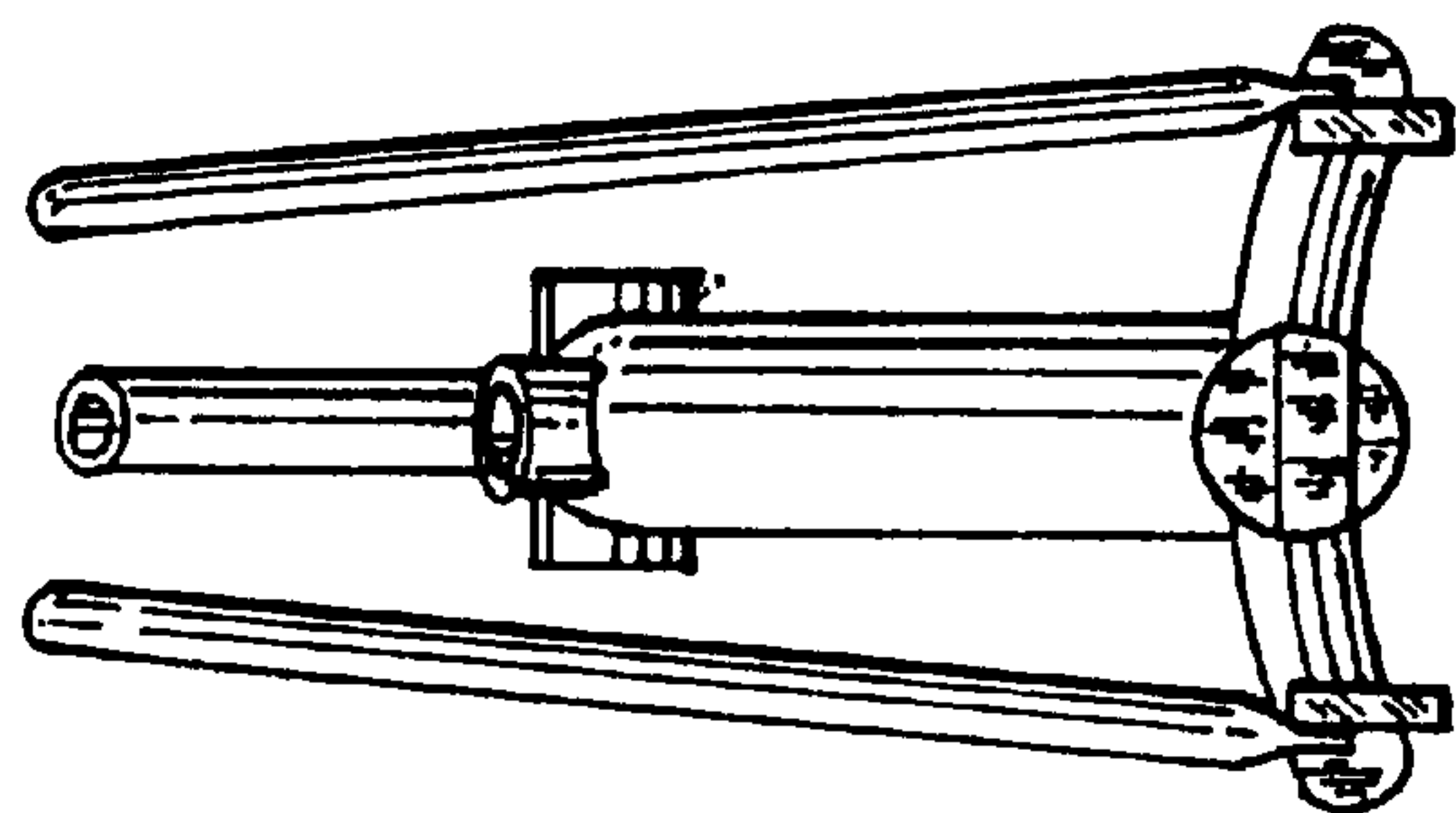


FIG. 13

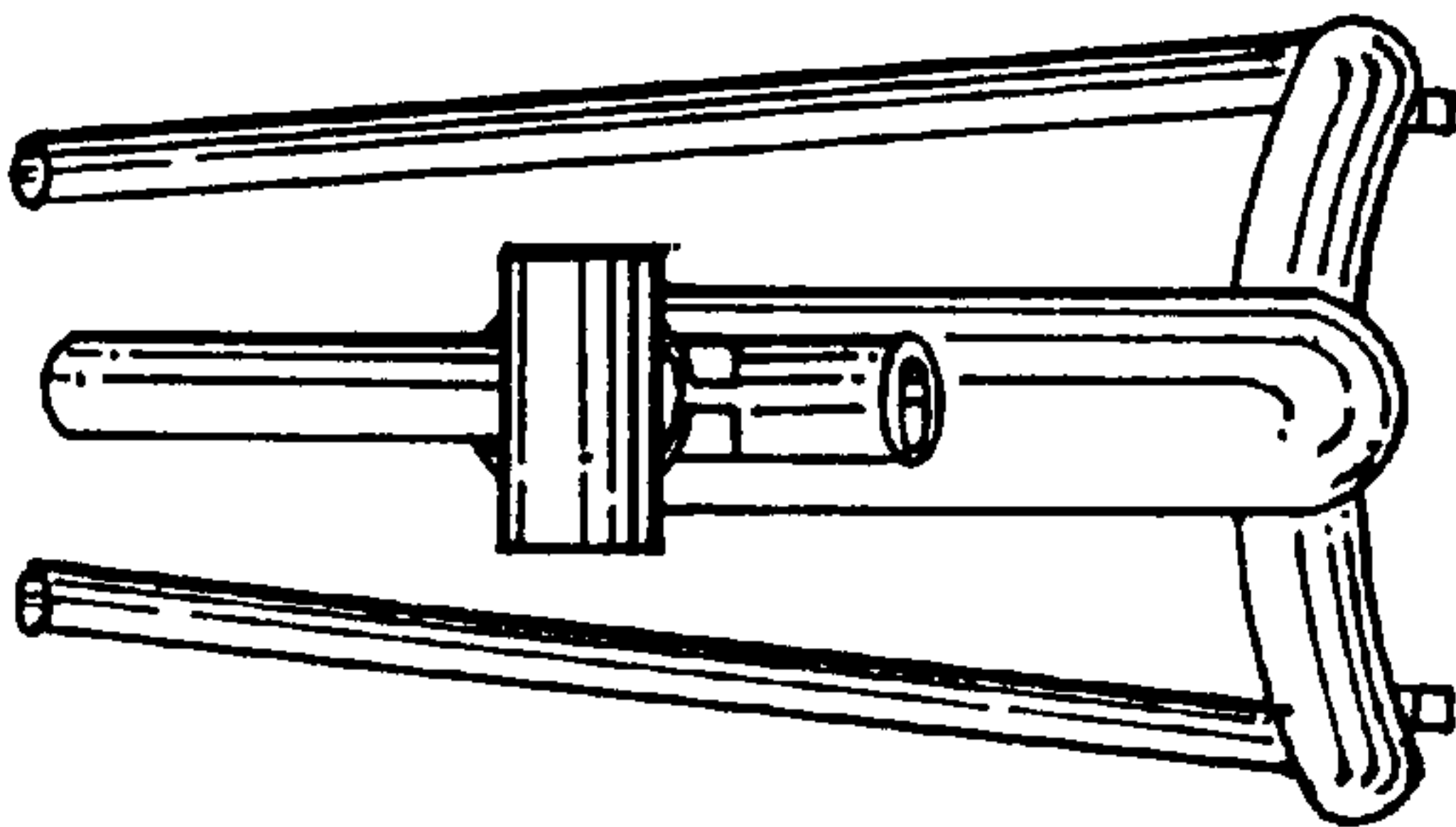


FIG. 12

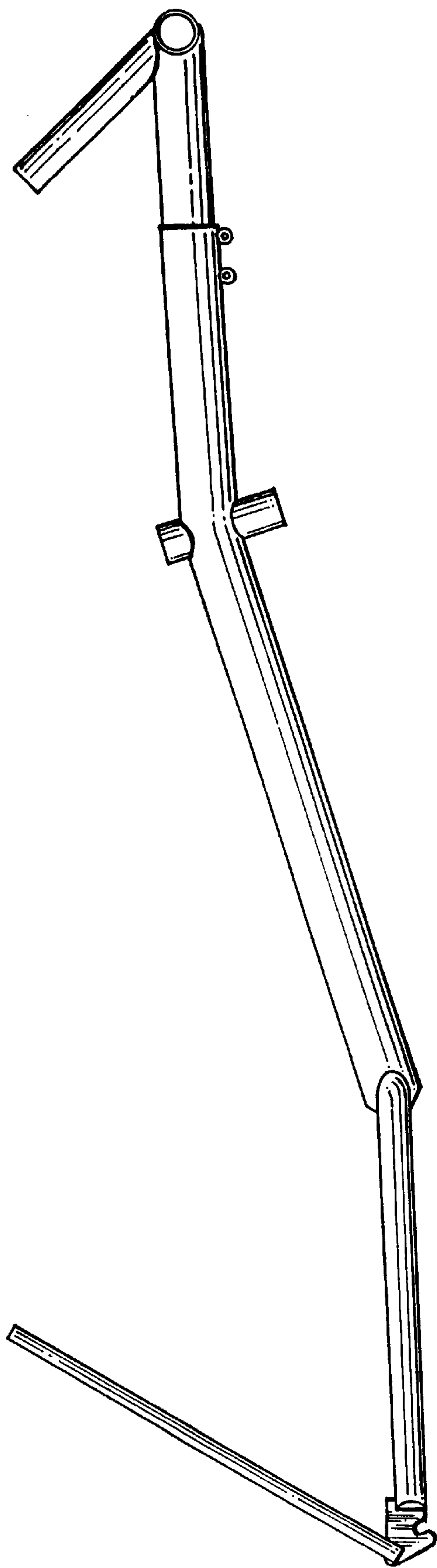


FIG. 14

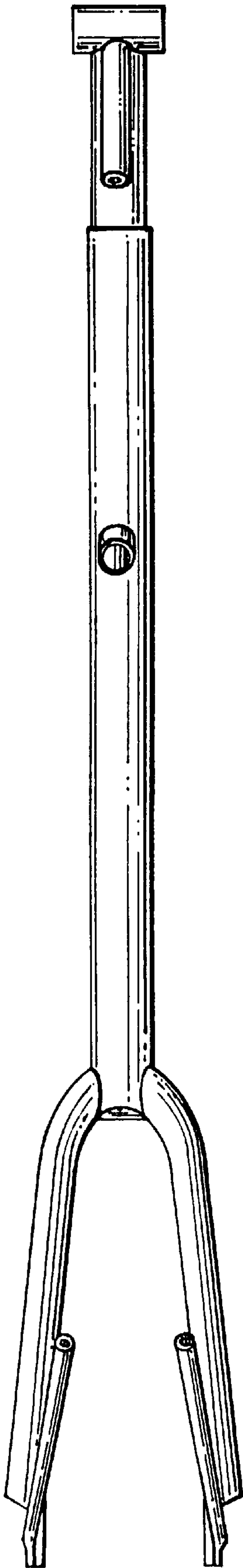


FIG. 15

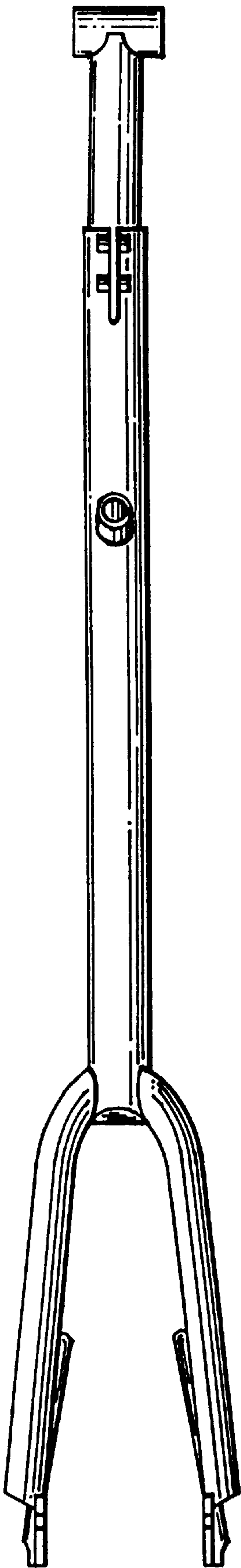


FIG. 16

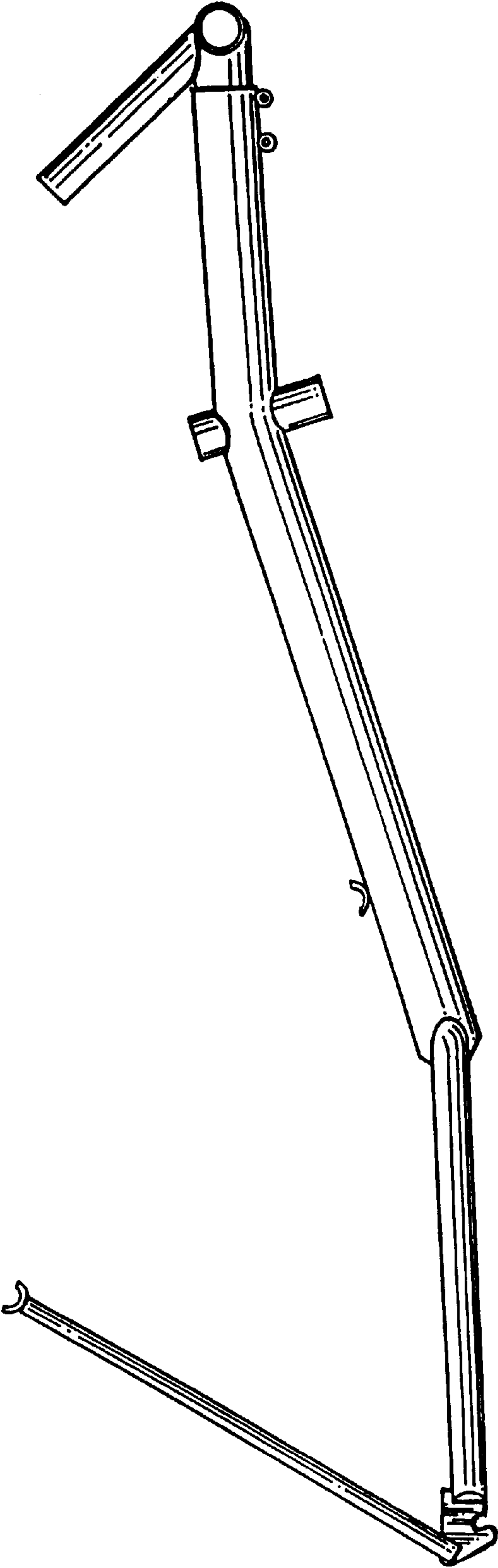


FIG. 17

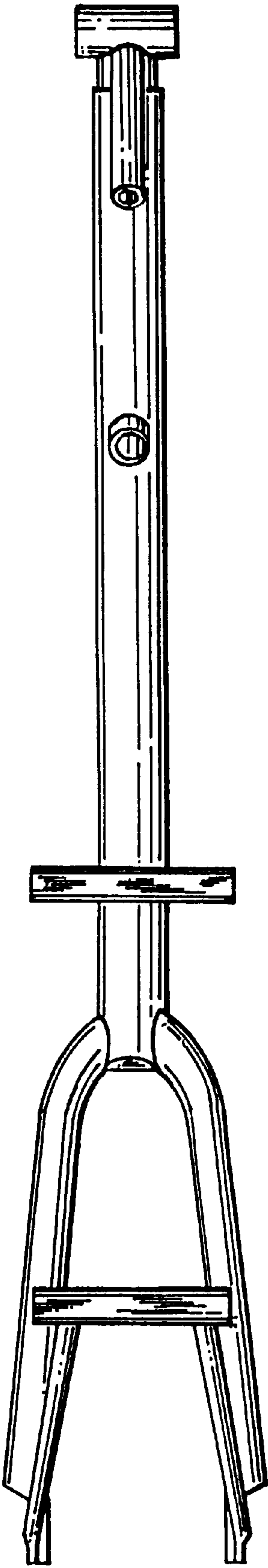


FIG. 18

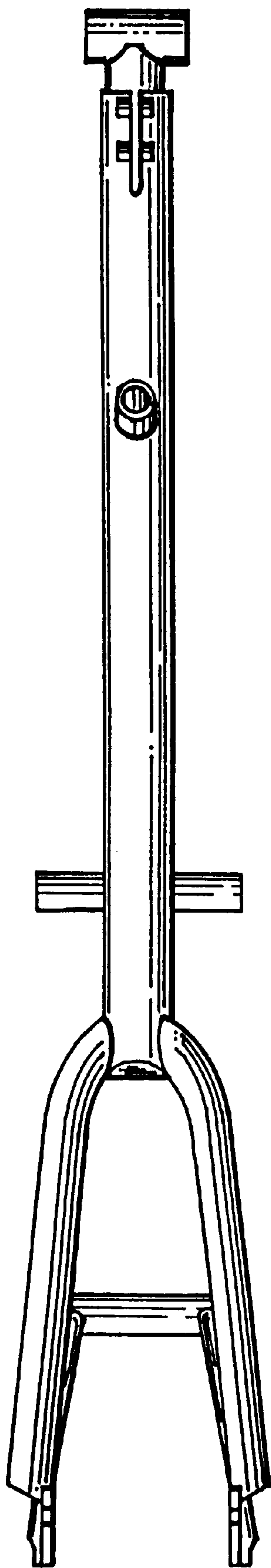


FIG. 19

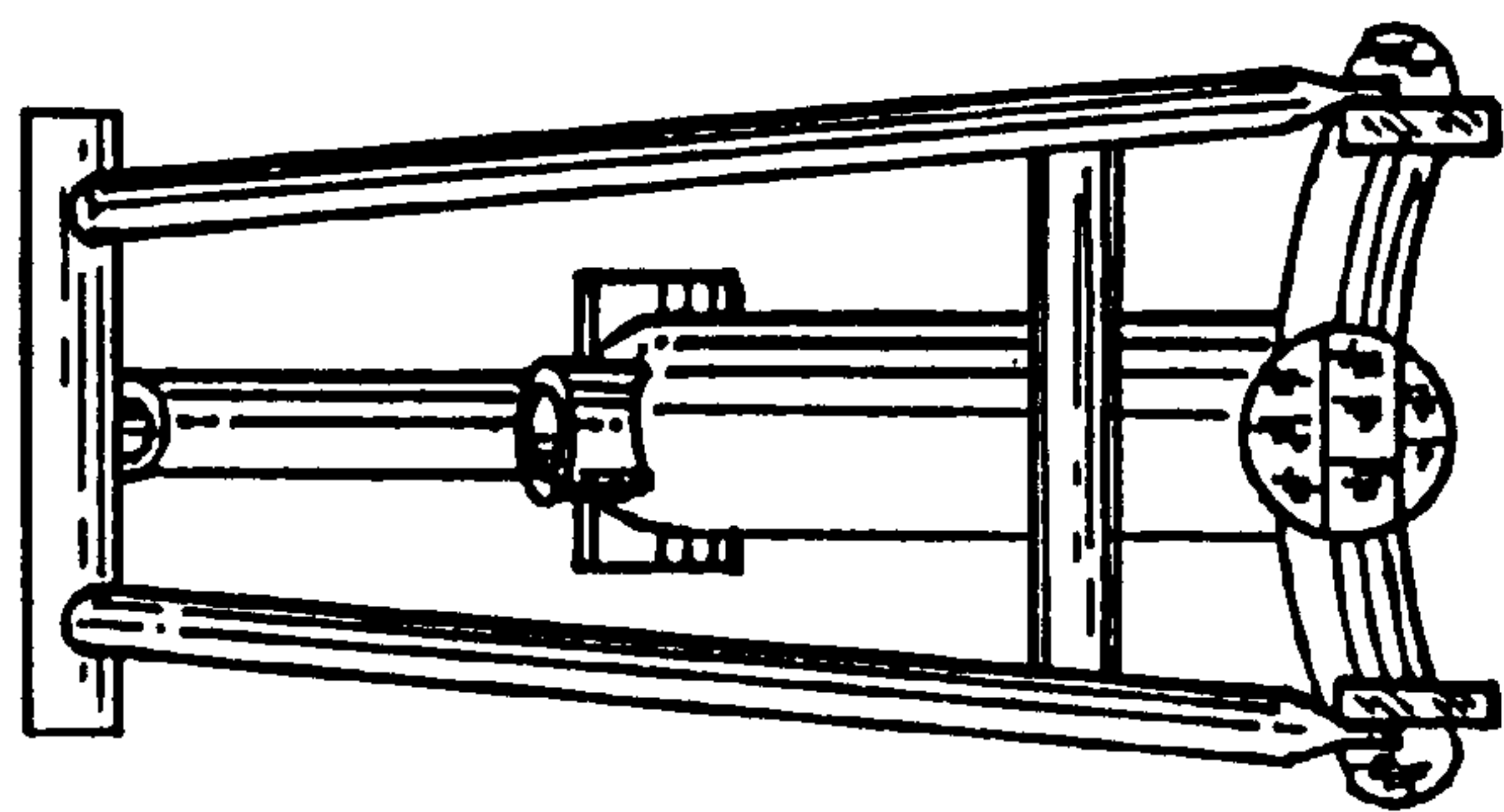


FIG. 21

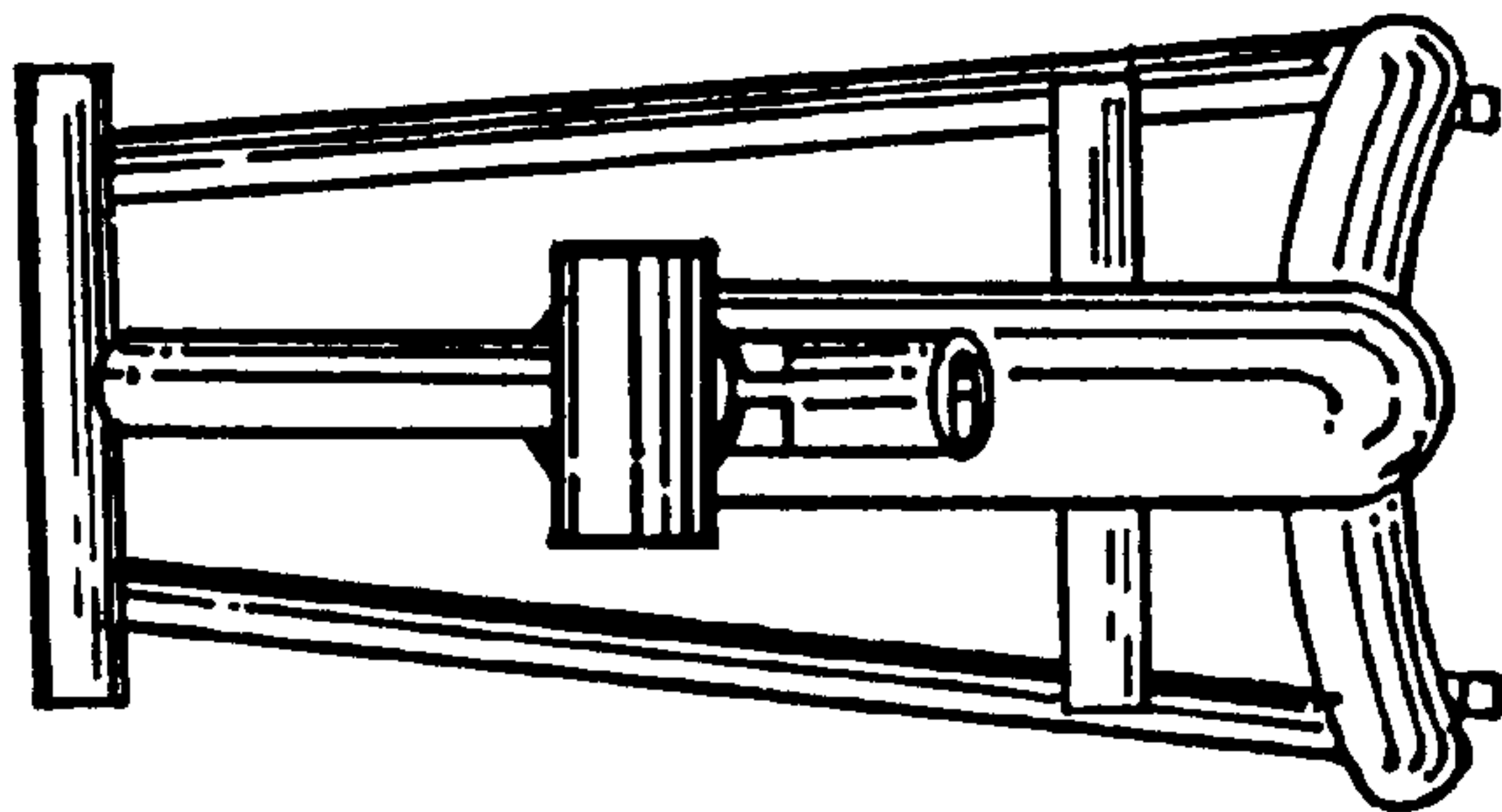


FIG. 20

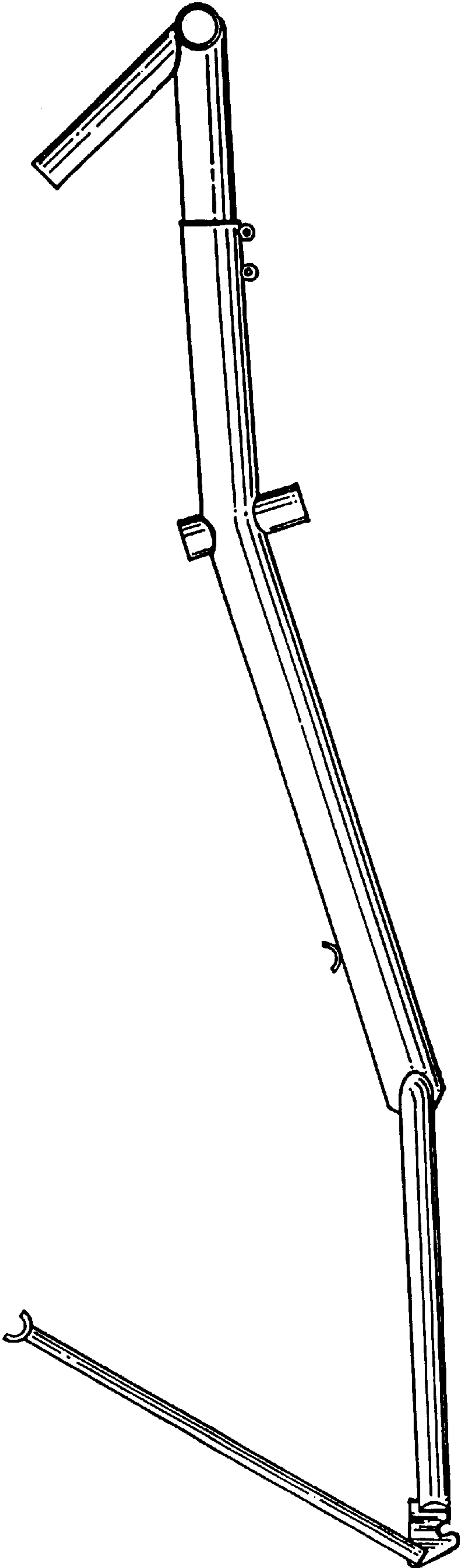


FIG. 22

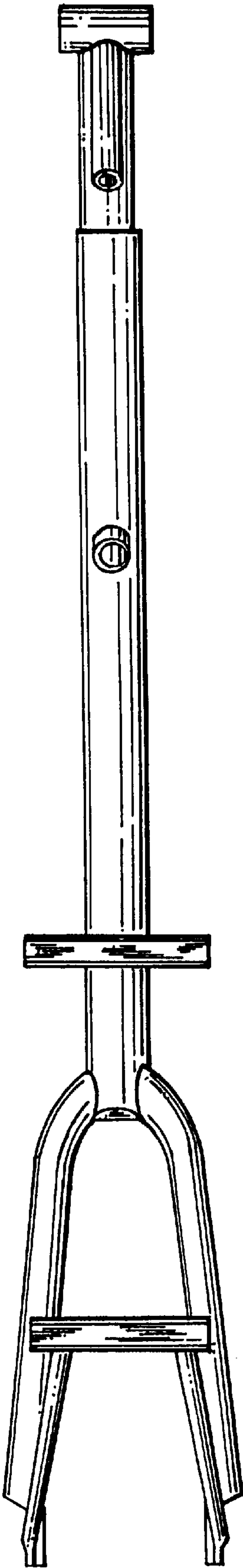


FIG. 23

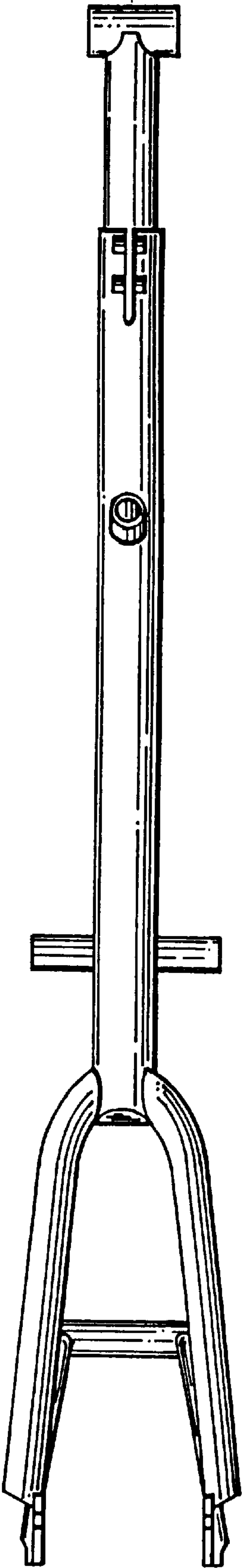


FIG. 24