

No. 836,747.

PATENTED NOV. 27, 1906.

C. H. FOSTER.
BOILER STAND.

APPLICATION FILED NOV. 4, 1904.

2 SHEETS—SHEET 1.

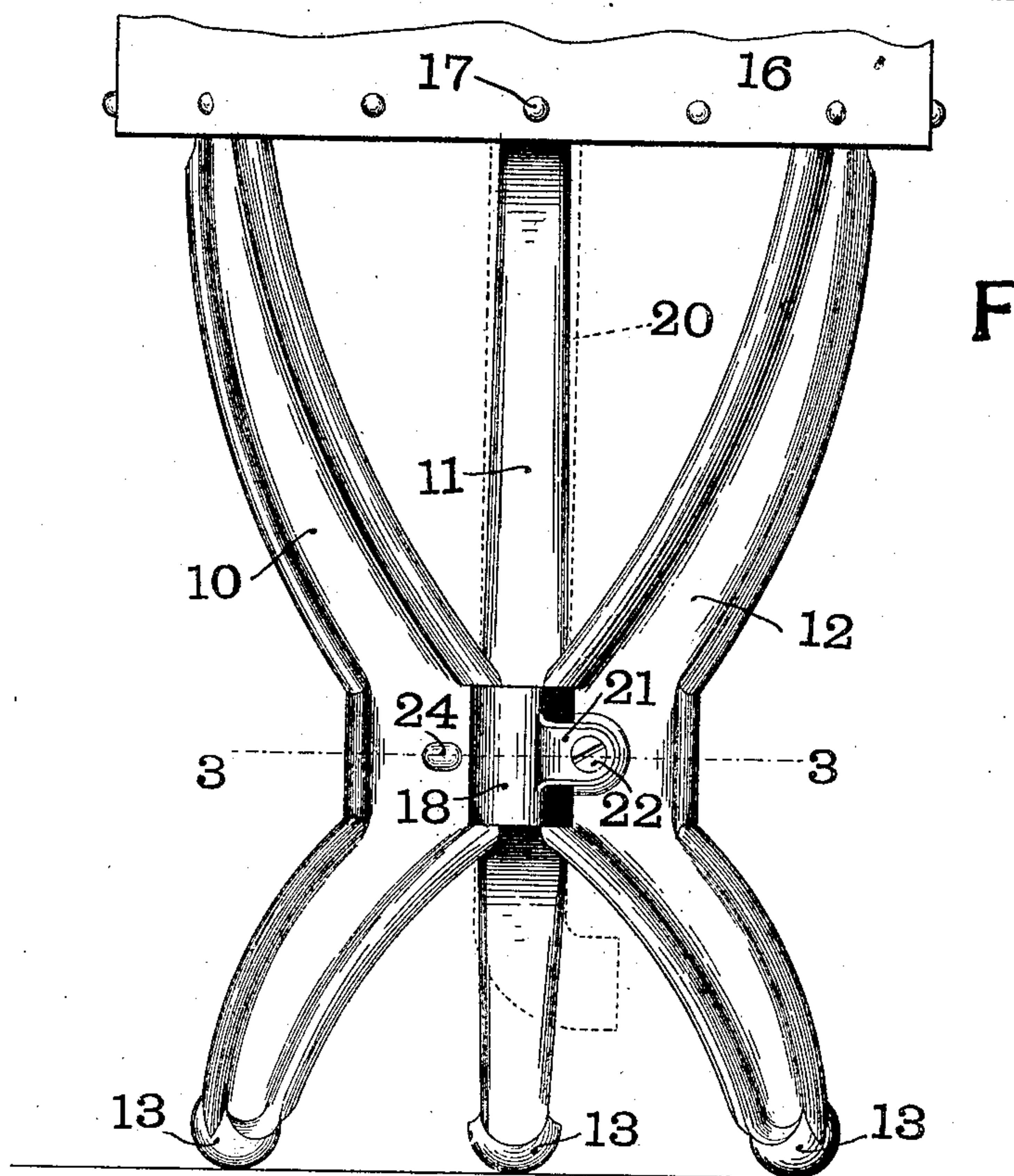


Fig. 1.

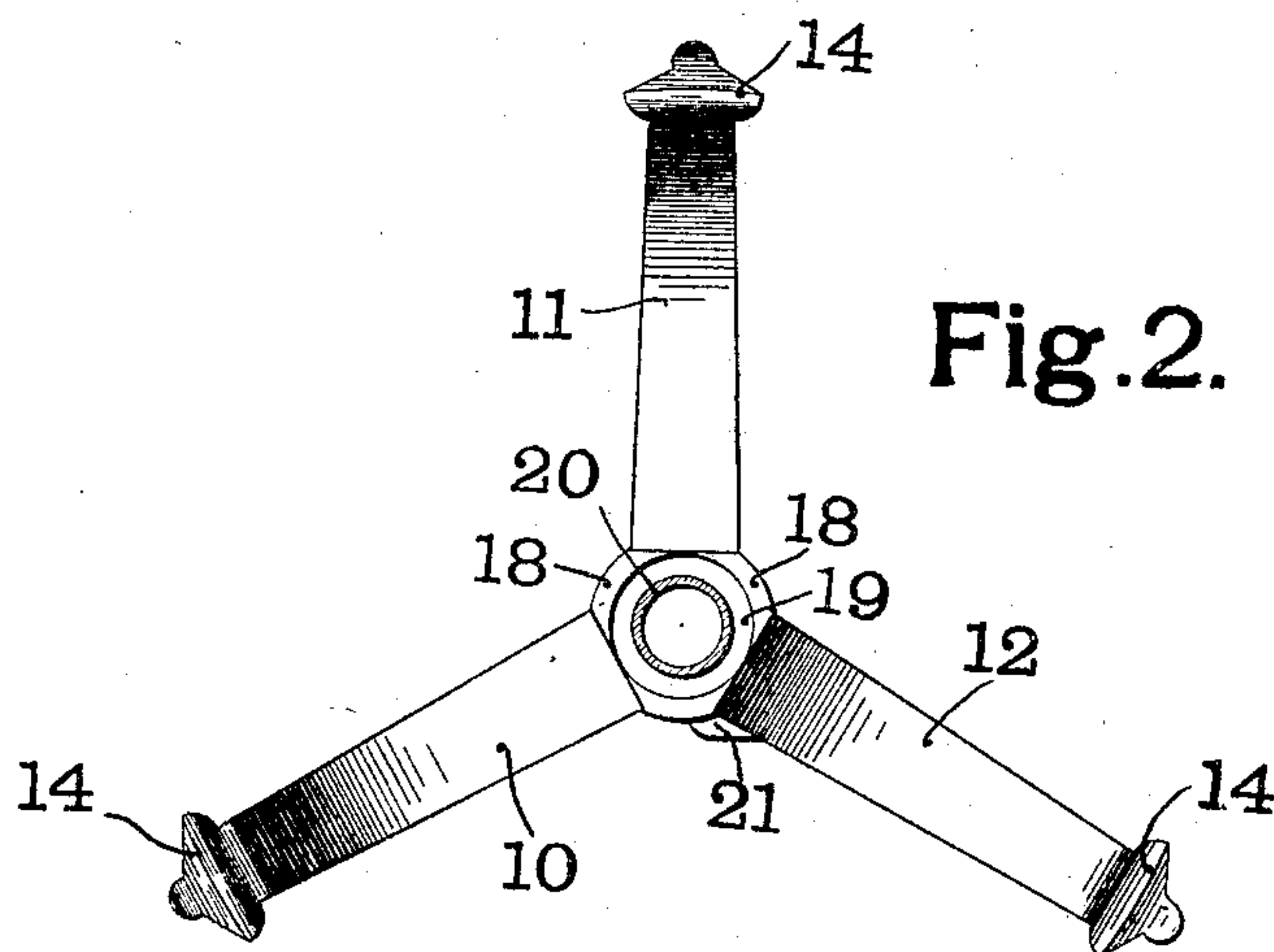


Fig. 2.

WITNESSES:

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2 SHEETS—SHEET 2.

Fig. 3.

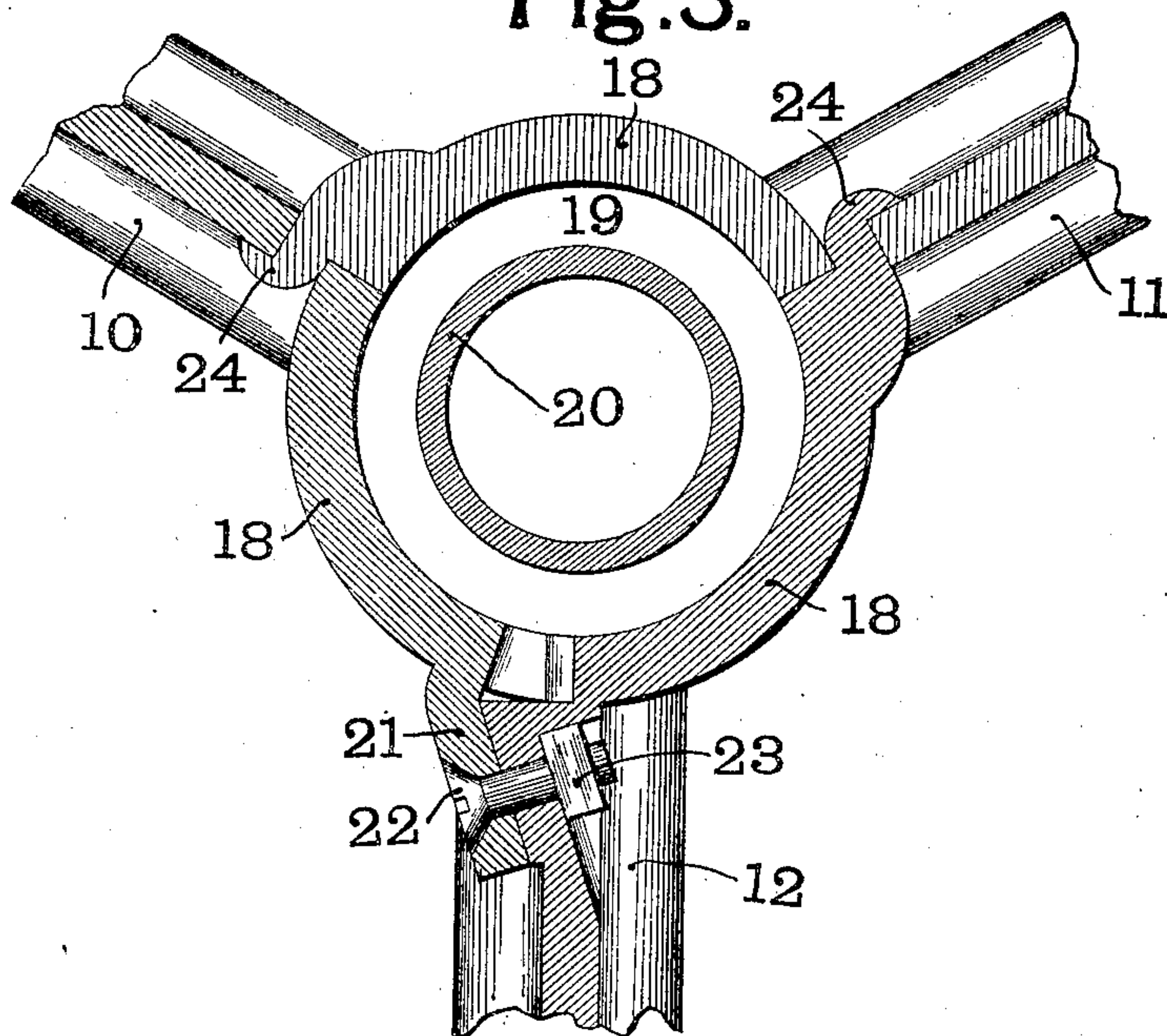
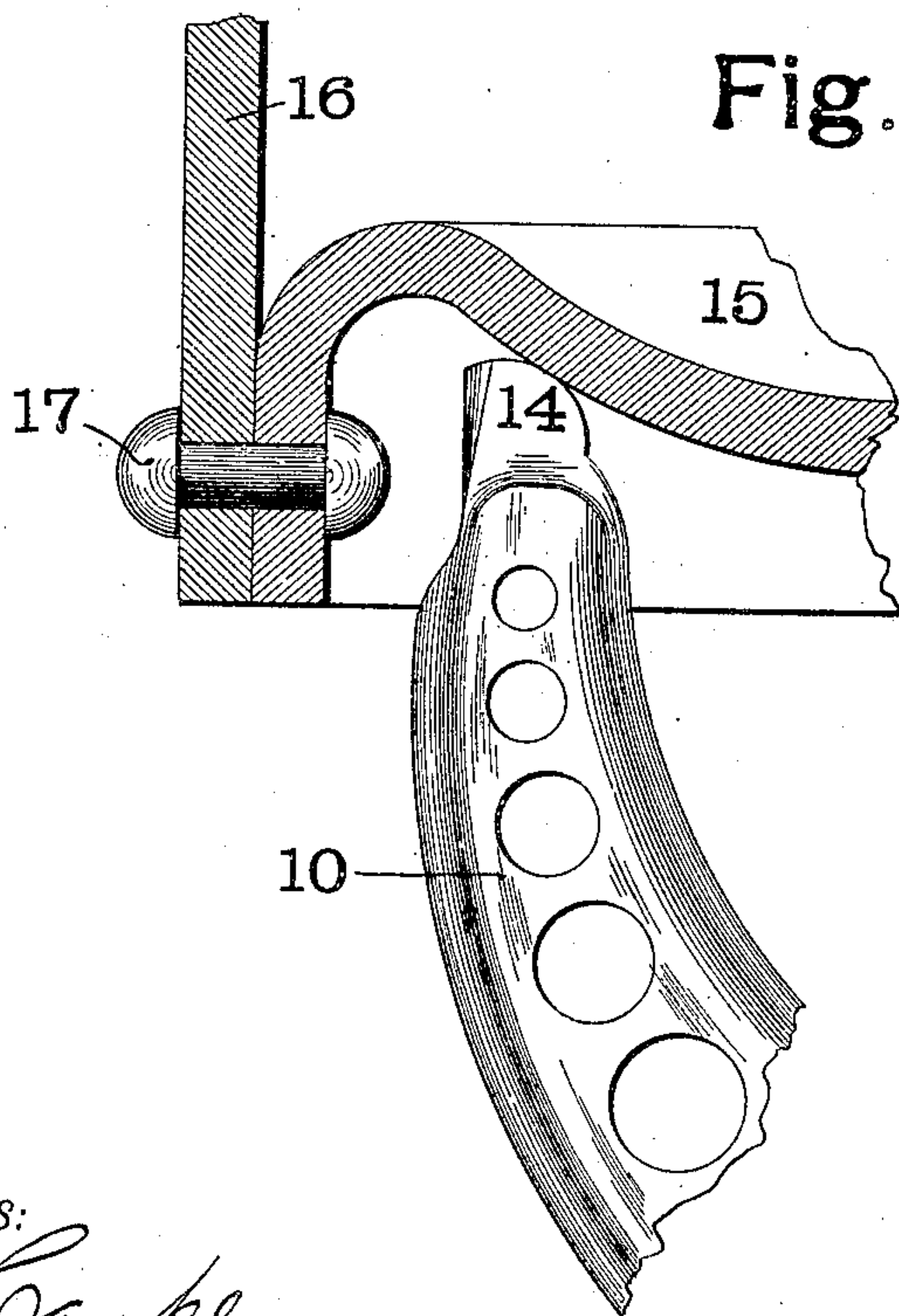


Fig. 4.



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UNITED STATES PATENT OFFICE.

CHARLES H. FOSTER, OF ST. LOUIS, MISSOURI.

BOILER-STAND.

No. 836,747.

Specification of Letters Patent.

Patented Nov. 27, 1906.

Application filed November 4, 1904. Serial No. 231,324.

To all whom it may concern:

Be it known that I, CHARLES H. FOSTER, a citizen of the United States, residing at the city of St. Louis, in the State of Missouri, have invented a certain new and useful Boiler-Stand, of which the following is such a full, clear, and exact description as will enable any one skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

My invention relates more particularly to a boiler-stand which consists of a number of detachable parts so that the same can be readily knocked down for shipping purposes.

The principal object of my invention is to provide improved means for securing the parts of the stand together at a point intermediate of their length.

In the accompanying drawings, which illustrate a stand made in accordance with my invention, together with a portion of a boiler supported by same, Figure 1 is a side elevation. Fig. 2 is a top plan view. Fig. 3 is an enlarged section on the line 3 3 of Fig. 1; and Fig. 4 is an enlarged view, partly in section, showing the manner of supporting the boiler.

Like marks of reference refer to similar parts in the several views of the drawings.

The stand consists of three members or legs 10, 11, and 12, respectively. These members 10, 11, and 12 are similar, except in regard to the locking means, which will be described hereinafter. The lower end of each of the members forms a foot 13 for resting upon the floor and the upper end a supporting-point 14 for engaging, preferably, with the curved bottom 15 of the boiler 16. The bottom is shaped as shown in Fig. 4 of the drawings and is secured to the bed 16 of the boiler by means of bolts or rivets 17. Each of the members 10, 11, and 12 is provided with a curved wing 18. These three curved wings 18 together form a central opening 19, through which passes the drain-pipe 20 from the bottom of the tank 16. The wing 18 on the member 10 is provided with a lug 21, through which passes a bolt 22. This bolt 22 also passes through the web of the member 12 and is provided with a nut 23.

The wings 18 of the members 11 and 12 are provided with hooks 24. The hook 24 of the member 12 interlocks with the member 11 and the hook of the member 11 interlocks with the member 10, as shown in Fig. 3, so that the three parts of the stand are firmly held together when the bolt 22 is in position; but when the same is withdrawn by unscrewing it from the nut 23 the three parts can be taken apart and packed flat for shipment.

It will also be observed that by my construction I am enabled to dispense with the usual ring at the upper part of the stand.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. In a boiler-stand, the combination with a set of legs each having a foot at one end and a support for a boiler at the other, of a wing carried by each leg, and an extension carried by each of said wings for securing it to the adjacent leg.

2. In a boiler-stand, the combination with a set of legs each having a foot at one end and a support for a boiler at the other, of a curved wing carried by each leg, and an extension carried at the end of each of said wings for securing it to the adjacent leg.

3. In a boiler-stand or the like, the combination with a set of legs, of a wing carried by each leg, a lug carried by one of said wings for attaching said wing to another leg by a bolt or screw, and interlocking hooks carried by the remaining wings.

4. In a boiler-stand or the like, the combination with a set of legs, of a curved wing carried by each leg, said wings together forming a circular opening for the passage of the boiler drain-pipe, a lug carried by one of said wings for attaching the said wing to another leg by a bolt or screw, and interlocking hooks carried by the remaining wings.

In testimony whereof I have hereunto set my hand and affixed my seal in the presence of the two subscribing witnesses.

CHARLES H. FOSTER. [L. s.]

Witnesses:

D. C. BETJEMAN,
JAMES H. BRYSON