

No. 778,672.

PATENTED DEC. 27, 1904.

H. J. KAHLER.
STOVEPIPE HOLDER.

APPLICATION FILED JUNE 27, 1904.

Fig. 1.

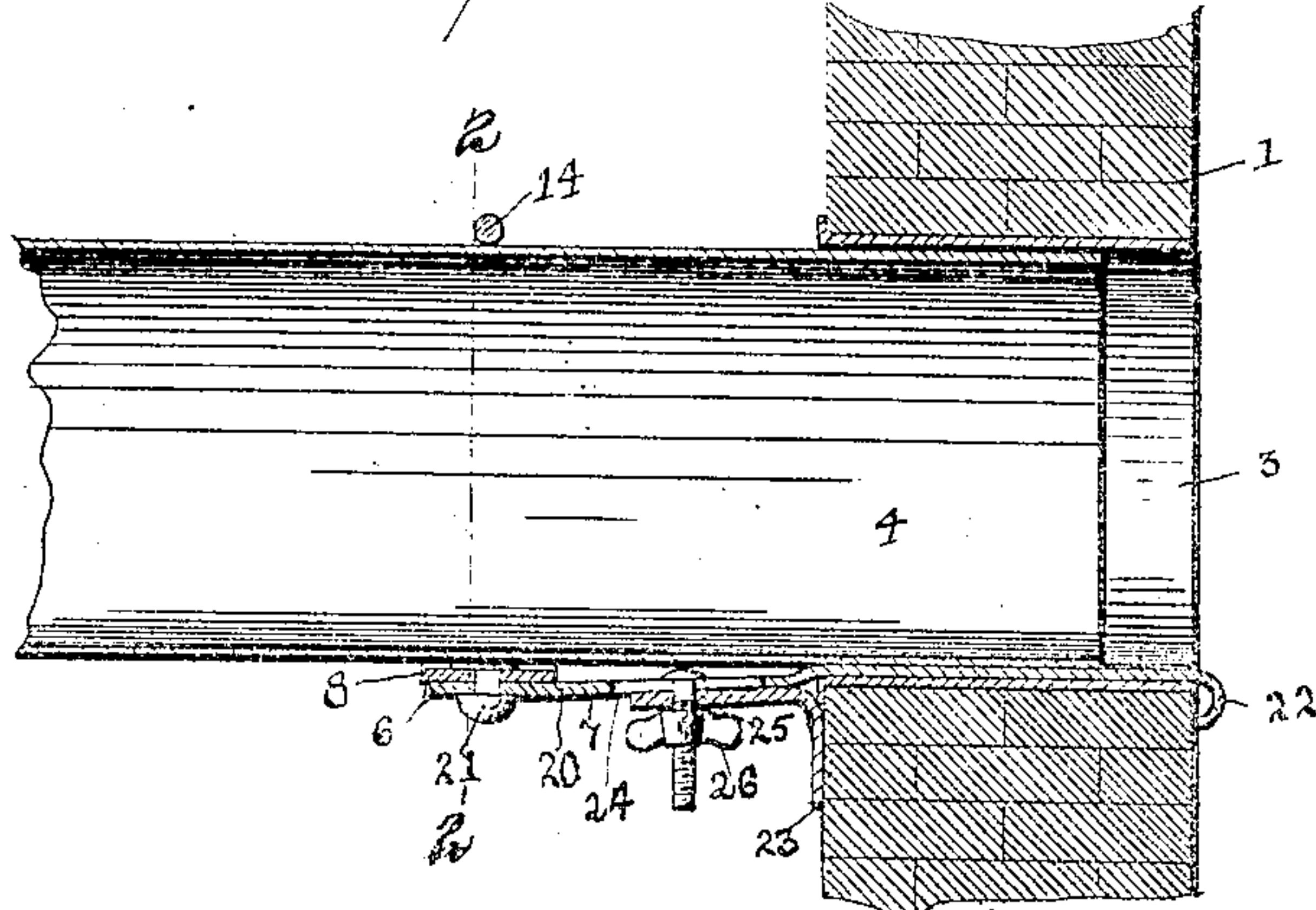


Fig. 2.

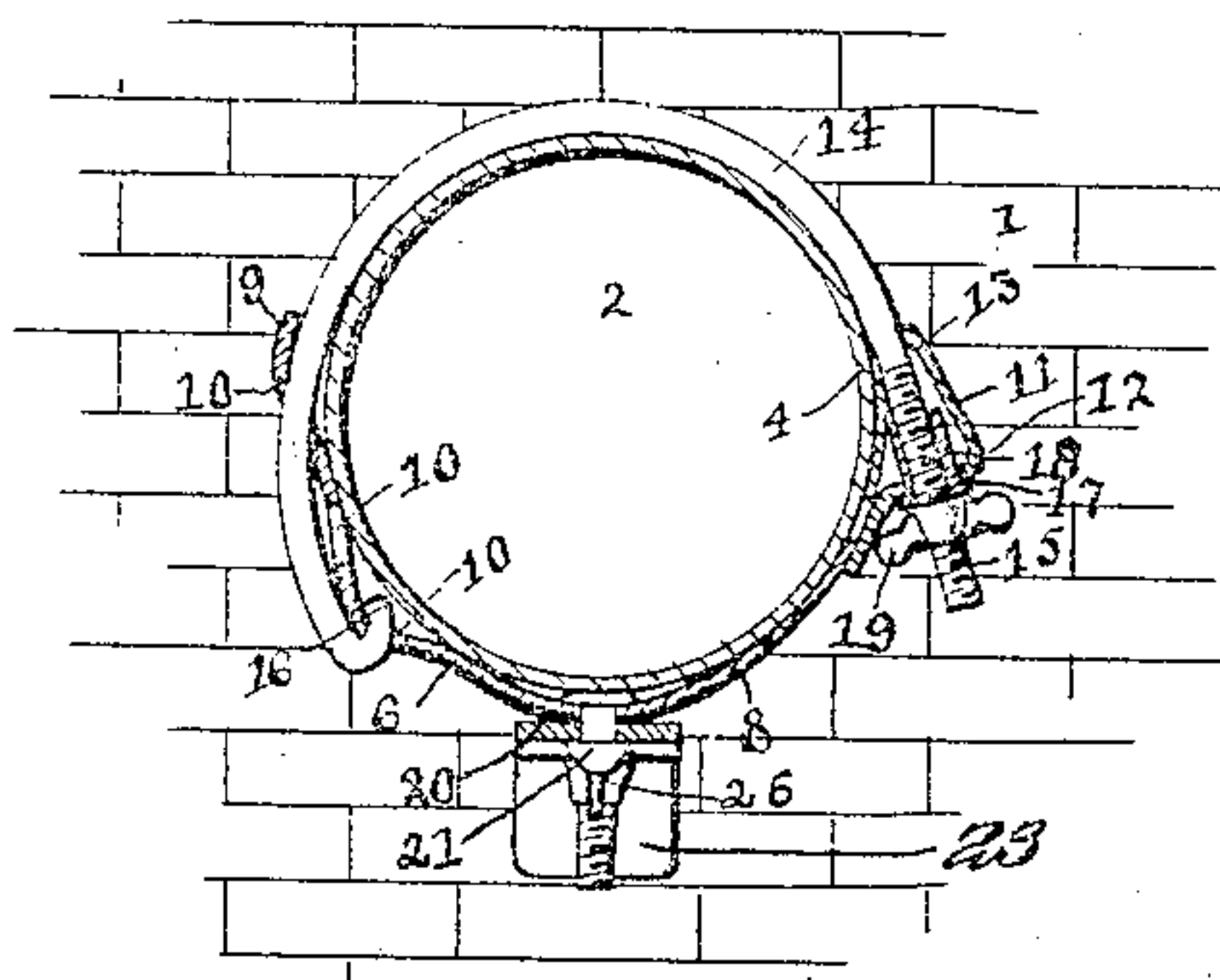
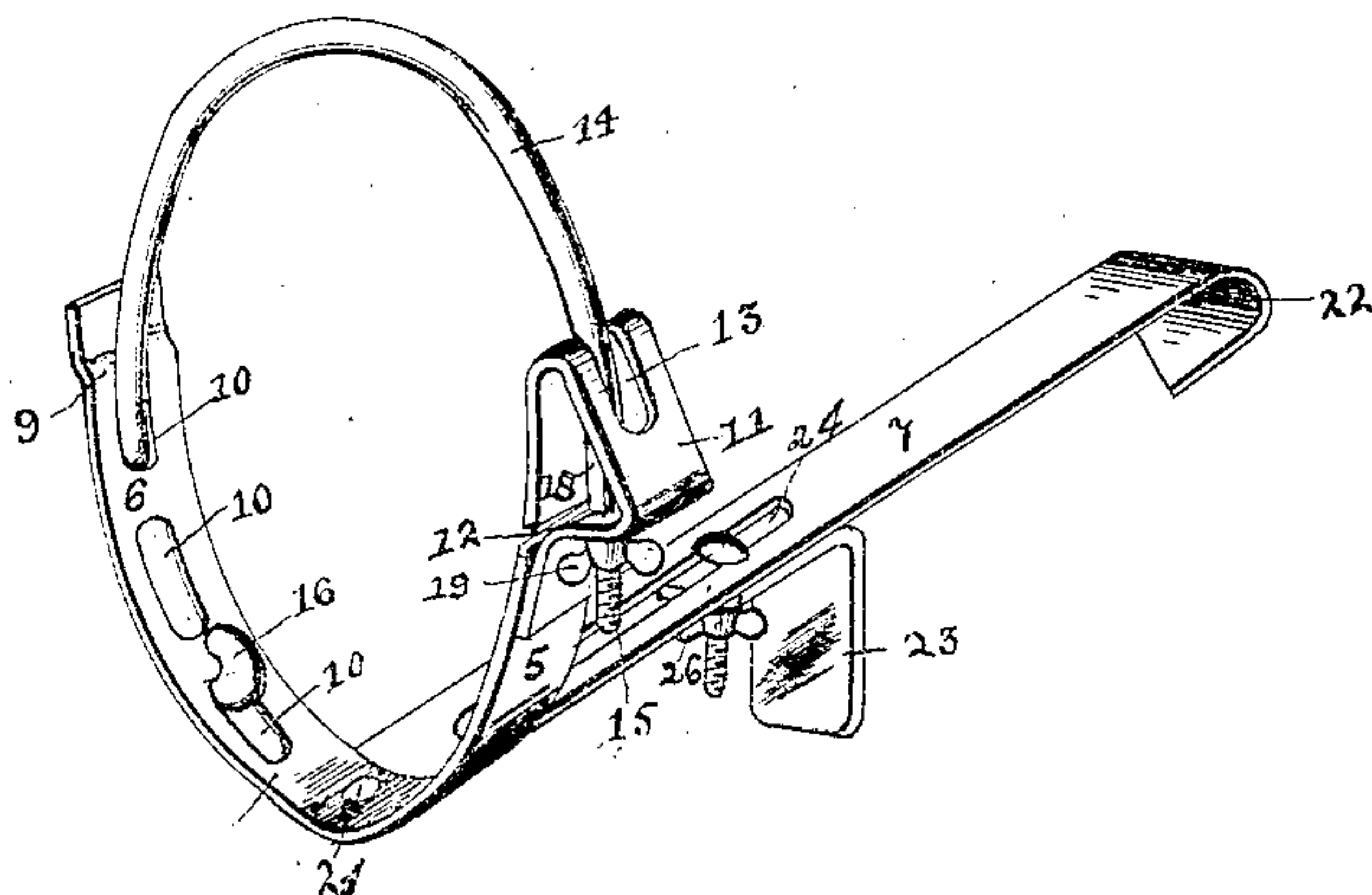


Fig. 3.



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STOVEPIPE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 778,672, dated December 27, 1904.

Application filed June 27, 1904. Serial No. 214,402.

To all whom it may concern:

Be it known that I, HARVEY J. KAHLER, a citizen of the United States, residing at Athens, in the county of Calhoun and State of Michigan, have invented certain new and useful Improvements in Stovepipe-Holders; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it ap-
 10 pertains to make and use the same.

My invention relates to improvements in means for holding stovepipes in the opening of a chimney.

The object of my invention is to provide a
 15 simple, durable, and comparatively inexpensive device of this character which may be readily attached to pipes and chimneys of various sizes and which may effectively prevent the stovepipe from sliding out of the
 20 chimney and also from being pushed so far in as to interfere with the draft of the pipe.

With these and other objects in view the invention consists of certain novel features of construction, combination, and arrangement
 25 of parts, as will be more fully described, and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a vertical sectional view through a portion of
 30 a chimney and stovepipe, showing the application of my invention. Fig. 2 is a vertical transverse sectional view taken on the line 2 2 of Fig. 1. Fig. 3 is a perspective view of a holder removed from the pipe and chimney.

Referring to the drawings by numerals, 1 denotes a chimney; 2, the stovepipe-opening formed therein; 3, the usual stovepipe-thimble in said opening; 4, the stovepipe projecting into said thimble, and 5 my improved
 40 stovepipe-holder. Said holder comprises a circular clamp 6, adapted to surround the stovepipe, and a retaining arm or member 7, which is secured to said clamp and adapted to engage the chimney to prevent movement of
 45 said clamp. The clamp consists of a semicircular metal strap 8, formed at one end with an offset apertured portion 9 and a series of openings 10 and at its opposite end with a triangular-shaped offset portion 11, formed with
 50 openings 12 and 13. The clamp also com-

prises a semicircular rod 14, formed at one end with a screw-threaded portion 15 and at its opposite end with an inwardly-bent hook 16. Said hook is passed under the offset portions 9 of said strap and is engaged with one
 55 of the openings 10 in the latter, as clearly shown in Fig. 2. Said screw-threaded end 15 of the rod is passed through the openings 13 and 12 in the triangular-shaped end of the said strap and also through a washer 17, which
 60 is formed with a tubular shank or portion 18, adapted to surround the threaded portion of said rod and protect the screw-threads thereon. The tubular portion of the washer extends through said opening 12, as shown in
 65 Fig. 2, and on the outer end of the screw-threaded end 15 of the rod is secured a winged nut 19. It will be seen that by engaging the hooked end 16 of the rod with the proper
 70 opening 10 in the strap the clamp may be adjusted to a pipe of any diameter, and when the nut 19 is screwed upon the threaded end 15 of the rod the strap and rod will be drawn together to firmly clamp the pipe between
 75 them.

The retaining member 7 comprises a metal
 80 strip 20, which has one of its ends riveted, as at 21, to the central portion of the strap 8 and its opposite end formed with a hook 22. This strip or arm 20 projects at right angles to the
 85 clamp and is adapted to extend between the thimble 3 and the stovepipe 4, as shown in Fig. 1. The hook 22 is adapted to engage the inner face of the chimney to prevent outward
 90 movement of the stovepipe and clamp, and all inward movement of said pipe and clamp is prevented by a stop-plate 23, which is adjust-
 95 ably secured upon the outer end of the strap 20. Said stop-plate is substantially right angular in form, having one arm extending downward to bear against the front face of the chimney and its other arm secured upon the
 100 strap 20. The adjustable connection between the stop-plate 23 and the strap 20 is effected by forming the latter with a longitudinally-disposed slot 24 and passing a bolt through the same and through an opening 25, formed in said stop-plate 23. A washer and nut 26 are placed upon the outer end of said bolt 25 to securely clamp the stop-plate upon the strap

20. It will be seen that by means of this adjustable stop-plate 23 the detent arm or member may be adjusted to a chimney or stovepipe thimble of any thickness.

5 From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

10 Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

15 Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a stovepipe-holder, a pipe-clamp comprising a semicircular strap having at one end
20 an apertured offset portion, a semicircular rod attached at one end to one end of said strap and having its opposite end passed through apertures in the offset portion of the strap, and screw-threaded, a washer bearing against
25 the outer side of the said offset portion and having a tubular thimble on the threaded portion of the rod and extending through one of

the apertures in the offset portion of the strap, and a nut on the threaded portion of the rod and bearing against the washer, substantially 30 as described.

2. In a stovepipe-holder, a pipe-clamp comprising a semicircular metallic strap provided with a triangular-shaped apertured portion at one end and an offset portion and a series 35 of openings at its opposite end, a semicircular rod formed at one of its ends with a hook adapted to pass through and engage the openings in said strap, and at its opposite end with a screw-threaded portion adapted to extend 40 through the apertured triangular-shaped portion of the said strap, a washer having a tubular portion surrounding the screw-threaded portion of said rod within the triangular portion of said strap, and a clamping-nut 45 upon the outer end of the screw-threaded portion of said rod, substantially as described.

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

HARVEY J. KAHLER.

Witnesses:

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