(No Model.)

C. RUEMMLER.

ADJUSTABLE STOVEPIPE FASTENER.

No. 539,647. Patented May 21, 1895.

Fig. 1

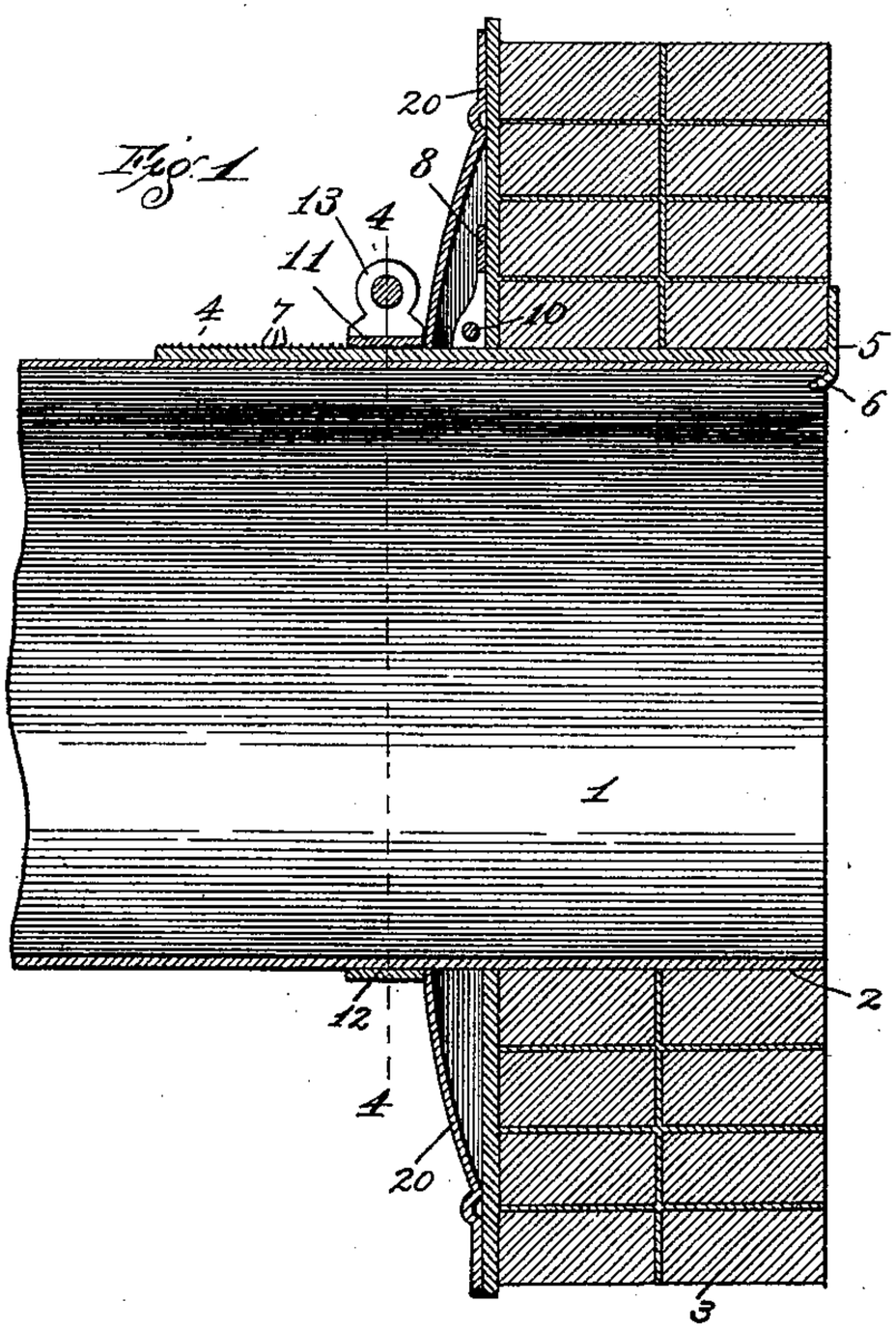


Fig. 2

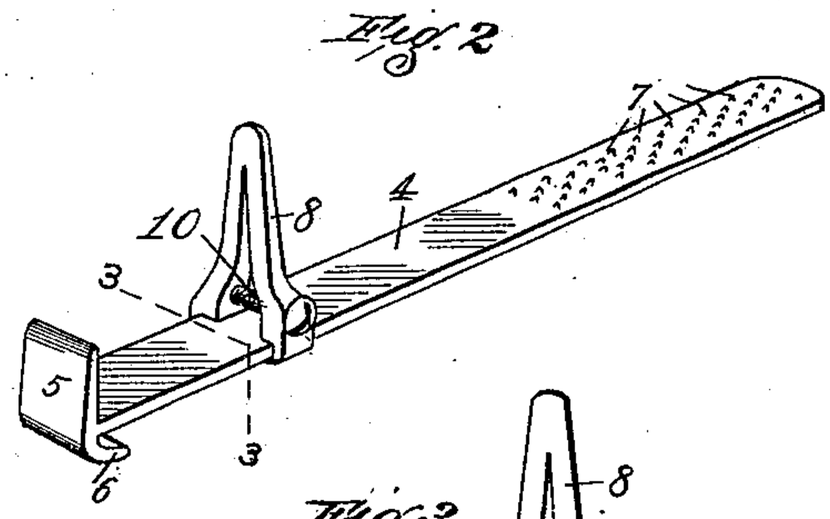


Fig. 3

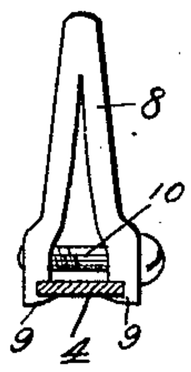


Fig. 4

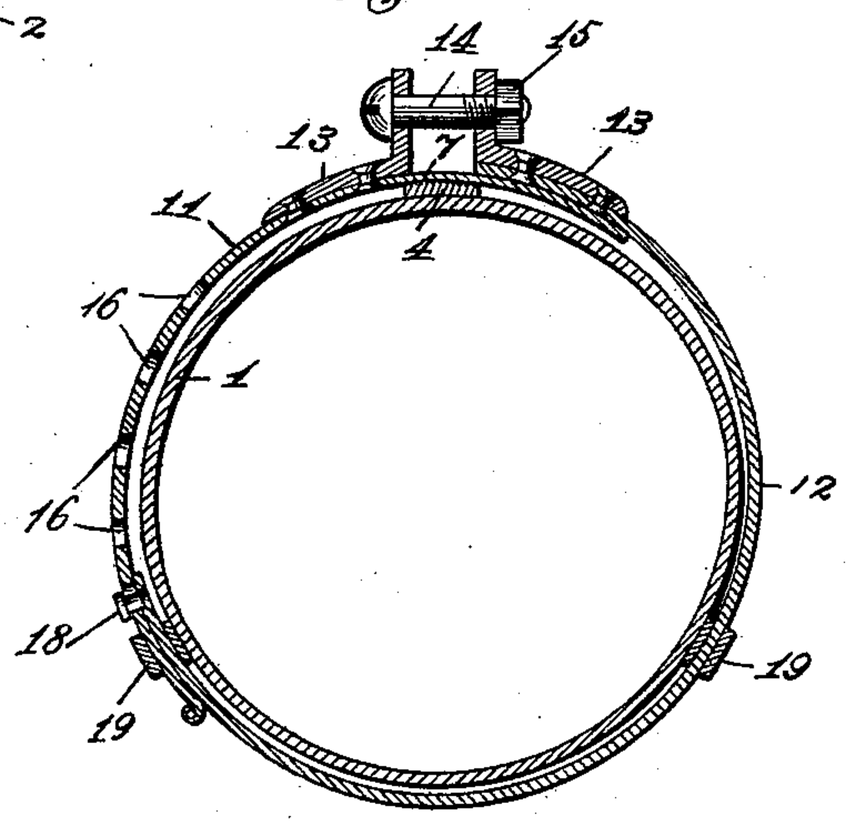


Fig. 5

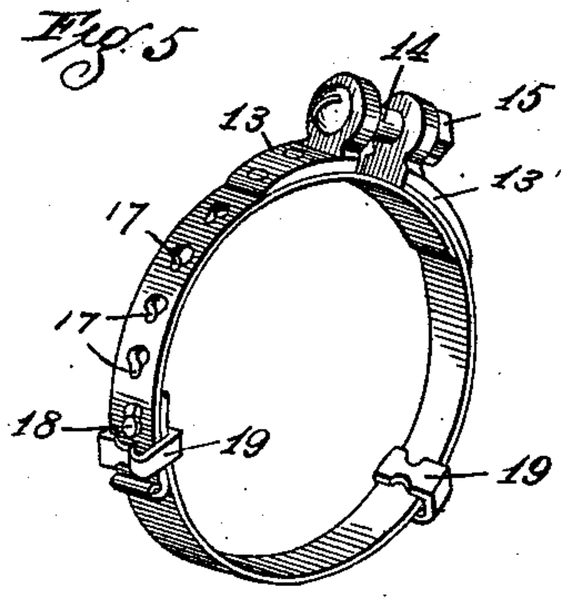
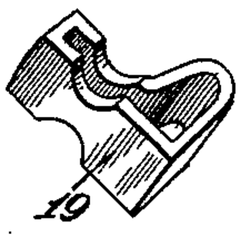


Fig. 6



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CLEMENS RUEMMLER, OF ST. LOUIS, MISSOURI.

ADJUSTABLE STOVEPIPE-FASTENER.

SPECIFICATION forming part of Letters Patent No. 539,647, dated May 21, 1895.

Application filed January 21, 1895. Serial No. 535,629. (No model.)

To all whom it may concern:

Be it known that I, CLEMENS RUEMMLER, of the city of St. Louis and State of Missouri, have invented certain new and useful Improvements in Adjustable Stovepipe-Fasteners, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to an adjustable stove pipe fastener, and consists in certain novel features of arrangement and construction, that will be more fully hereinafter specified and claimed.

In the drawings, Figure 1 is a vertical sectional view of a stovepipe entering the chimney, the same having my device applied thereto. Fig. 2 is a view in perspective of a retaining-bar made use of in carrying out my invention. Fig. 3 is a cross-sectional view taken approximately on the indicated line 3 3 of Fig. 2. Fig. 4 is a vertical sectional view taken approximately on the indicated line 4 4 of Fig. 1. Fig. 5 is a view in perspective of a clamping ring made use of in carrying out my invention, and Fig. 6 is a view in perspective of a clamp such as is used upon the clamping-ring.

Referring by numerals to the accompanying drawings, 1 indicates a stove pipe, that is positioned in the usual manner in an aperture 2 in the chimney 3.

4 indicates a flat metallic bar constructed with a T-head 5, one prong or portion thereof being bent into the form of a hook 6. The face of the bar 4 opposite this T-head 5 is corrugated or roughened, as indicated by the numeral 7. This bar 4 is of such a length as that it will extend from the inner end of the circular aperture 2 through said aperture and along the pipe 1 for a short distance, in front of said aperture.

8 indicates a clamp, the same being adapted for longitudinal adjustment upon the bar 4. Said clamp is bifurcated and constructed with hooks 9 on its lower ends that are adapted to engage the sides of the bar 4, said hooks being drawn together and clamped firmly upon the bar 4 by means of a screw 10 passing transversely through the lower ends of the bifurcated clamp 8.

When the bar 4 is properly located within a pipe-opening such as 2, the T-head 5 thereof engages against the inner face of the chimney-flue, and the pipe 1 is engaged by the hook 6, the screw 10 is unloosened, and the clamp 8 moved along the bar 4 until the same engages directly against the face of the chimney 3. Said screw is now tightened and the clamp is very efficiently positioned upon said bar 4. This construction very efficiently holds the pipe 1 from being moved too far through the aperture 2 and into the chimney 3.

A metallic clamping ring is constructed of the mating semi-circular portions 11 and 12, said semi-circular portions being overlapped at their ends and have riveted to their top overlapping ends, ears 13, through which passes a screw-bolt 14, upon which is located a nut 15. The semi-circular part 11 of this ring is constructed with a series of circular apertures 16, the same being constructed with semi-circular notches 17.

Riveted to the end of the semi-circular part 12 that contacts with the free end of the semi-circular part 11, is a headed pin 18 that is adapted to pass through any one of these apertures 16, and when the head of said pin has been passed through one of the apertures the body of said pin is located in the semi-circular notches 17 of said apertures. By providing these apertures and the headed pin, the adjustment for different sized stove pipes is obtained. Movably located upon this ring so formed are clamps 19, the same being adapted to engage against and hold the ordinary ring or flange 20 that is usually positioned on stove pipes where said pipe enters the aperture in the chimney.

When it is desired to lock or secure the stove pipe in its proper position, the ring is located upon said pipe adjacent the ring or flange 20 and over the corrugated or roughened end of the bar 4. By now manipulating the nut 15 upon the screw-bolt 14, said ring is drawn together and very rigidly clamped upon the bar 4 and the stove pipe 1. The bar 4 holds the pipe from entering the chimney too far, and the ring being clamped upon said bar, holds the pipe from being easily removed from its proper position. The clamps 19 engage the face of the ring or flange 20, hold

the same in proper position, and assist in holding the ring in proper position upon the pipe 1.

A stove pipe fastener of this construction is inexpensive, easily and expeditiously applied, presents a neat and finished appearance, and possesses superior advantages in point of simplicity, durability and general efficiency.

What I claim is—

1. The improved stove-pipe holder, comprising a bar, means for securing said bar to the stove-pipe, means for preventing longitudinal movement of said bar in one direction, an adjustable clamp 8 projecting at a right angle from said bar and bifurcated and constructed with hooks 9 on its lower ends that are adapted to engage the sides of said bar, and a screw or bolt 10 passing transversely through the lower portions of said bifurcated clamp to draw together the members of the latter, substantially as herein specified.

2. The improved stove-pipe holder, comprising a bar, means for preventing longitudinal movement of said bar in either direction, means for preventing longitudinal movement of the stove-pipe in one direction, a clamping-ring for embracing the said bar and securing the same in place upon the stove-pipe, and a series of clamps 19 mounted to slide loosely upon the said ring and project a distance beyond the outer periphery of the latter, substantially as herein specified.

In testimony whereof I affix my signature in presence of two witnesses.

CLEMENS RUEMMLER.

Witnesses:
EDWARD E. LONGAN,
JOHN C. HIGDON.