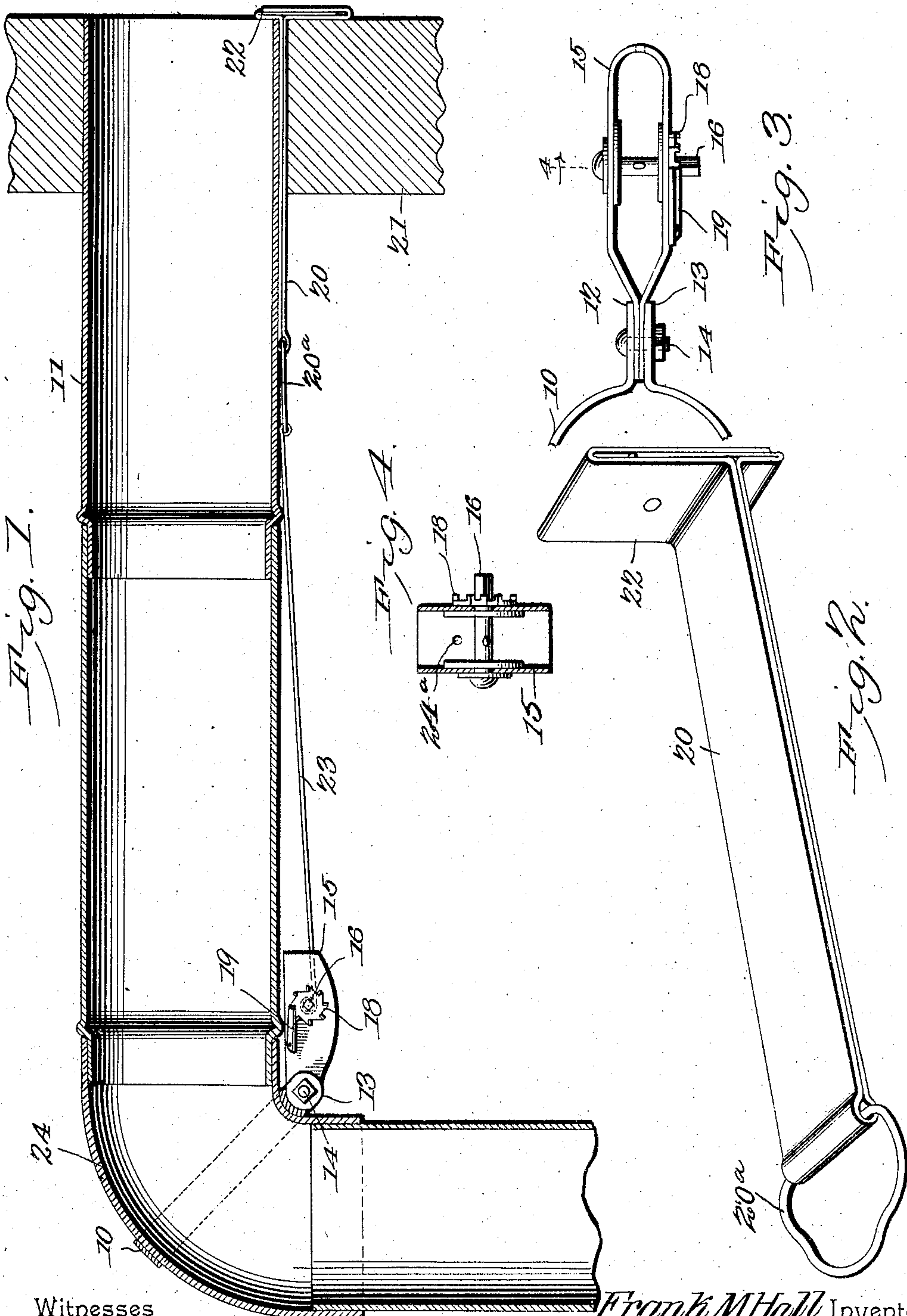


No. 780,991.

PATENTED JAN. 31, 1905.

F. M. HALL.  
STOVEPIPE HOLDER.  
APPLICATION FILED APR. 22, 1904.



Witnesses

*E. F. Stewart*  
*C. H. Woodward*

by

*Frank M. Hall*, Inventor.  
*C. A. Snow & Co.*  
Attorneys



# UNITED STATES PATENT OFFICE.

FRANK M. HALL, OF POTOMAC, ILLINOIS, ASSIGNOR OF ONE-HALF TO  
PERRY E. RIEGLE, OF POTOMAC, ILLINOIS.

## STOVEPIPE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 780,991, dated January 31, 1905.

Application filed April 22, 1904. Serial No. 204,468.

*To all whom it may concern:*

Be it known that I, FRANK M. HALL, a citizen of the United States, residing at Potomac, in the county of Vermilion and State of Illinois, have invented a new and useful Stovepipe-Holder, of which the following is a specification.

This invention relates to devices for securing stovepipes in chimney-flue openings, and has for its object to provide a simply constructed and inexpensive device which will effectually retain the stovepipe in position and by means of which the pipe may be drawn longitudinally into position and retained therein and accidental displacement of the same prevented.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction, as hereinafter described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of the embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages, and the right is therefore reserved of making all the changes and modifications which fairly fall within the scope of the invention and the claims made therefor.

In the drawings thus employed, Figure 1 is a side elevation, partly in section, of the device applied. Fig. 2 is a perspective view, enlarged, of the flue-engaging bar detached. Fig. 3 is an inverted plan view, and Fig. 4 is a sectional view, enlarged, of the winding mechanism detached.

The improved device comprises a band 10, of sheet metal, for encircling the stovepipe 11, preferably at the elbow 24, and formed with

outturned ears 12 13, perforated for a clamp-bolt 14, by which means the band may be firmly clamped upon the pipe.

A link 15 is provided, formed of a plate bent into U shape with spaced parallel sides and with the ends perforated to receive the clamp-bolt 14 between the ears 12 13. The link is provided with intermediate transverse apertures to receive a shaft 16, forming a winding-drum between the sides of the link and also provided with a ratchet-wheel 18, exteriorly of the hanger. A pawl 19 is pivoted upon the link for engagement with the ratchet-wheel, and the shaft 16 is square-ended to receive an operating-key.

A bar 20 is provided for disposition within the stovepipe-hole between the pipe and flue 21 and has at its inner end a transverse head 22, one part for engagement with the inner face of the chimney-wall 21 and the other part for engagement by the inner end of the stovepipe 11. The outer end of the bar has combined with it an eye or loop 20<sup>a</sup>, to which is secured one end of a flexible member 23, preferably of malleable-iron wire, the other end of which is connected with the winding-shaft 16, the wire passing through an aperture 24<sup>a</sup> in the free end of the link 15. By this simple arrangement it will be obvious that when the parts are assembled and the winding-shaft rotated by the key the flexible member 23 will be wound upon the drum and draw the stovepipe, which is clamped by the band 10, toward the flue and firmly bind the pipe therein and effectually prevent outward longitudinal movement or accidental displacement. It is also obvious that the band 10 may be located at any desired point on the stovepipe or at any desired distance away from the chimney, as any length of the flexible member 23 may be employed.

By means of this device any length of pipe may be firmly supported and without the use of rivets or other fastening means.

The link 15 may be disposed at any point circumferentially of the pipe as circumstances may require.

Having thus described the invention, what is claimed is—

1. A stovepipe-holder comprising a pipe-encircling band having outturned terminals, a link secured between the terminals, a winding-drum mounted in the link, and carrying a ratchet-wheel, a pawl coacting with the ratchet-wheel, a bar having a hook for engaging the inner face of the flue, and a flexible connection between the bar and the winding-drum.

2. A stovepipe-holder comprising a pipe-encircling band having outturned terminals, an approximately U-shaped link having its terminals disposed between those of the band, a

clamping-bolt passing through the series of terminals, a shaft mounted for rotation in the link and carrying a winding-drum, a ratchet-wheel carried by the shaft, a pawl coacting with the ratchet-wheel, a bar having a head to engage the inner face of the flue, and a flexible connection between the bar and the winding-drum.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

FRANK M. HALL.

Witnesses:

W. H. BELLES,

F. B. MARTIN.