(No Model.)

C. HEME.

STOVEPIPE FASTENER.

No. 518,692. Patented Apr. 24, 1894.

Fig. 1

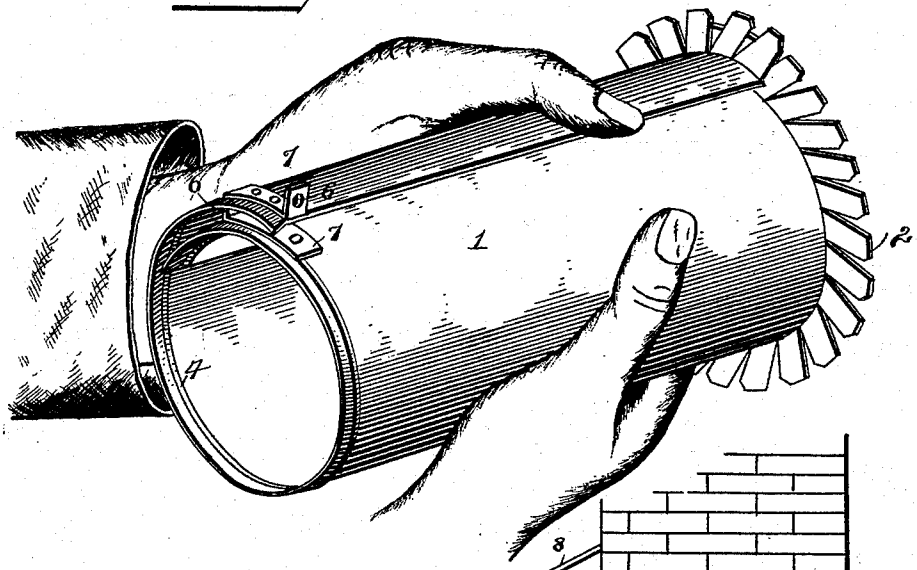


Fig. 2

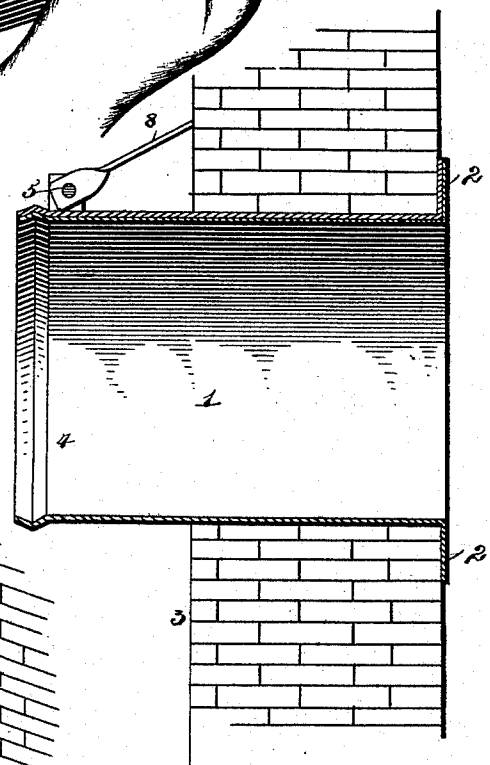
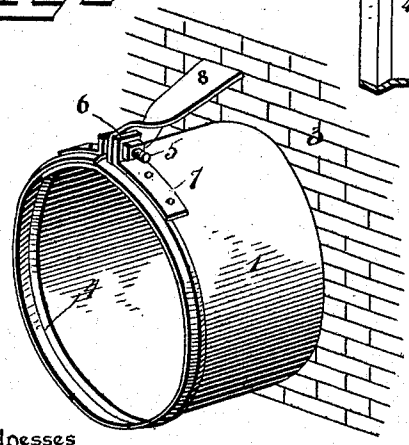


Fig. 3



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CLAUDE HEME, OF BAY CITY, MICHIGAN.

STOVEPIPE-FASTENER.

SPECIFICATION forming part of Letters Patent No. 518,692, dated April 24, 1894.

Application filed August 29, 1893. Serial No. 484,304. (No model.)

To all whom it may concern:

Be it known that I, CLAUDE HEME, a citizen of the United States, residing at Bay City, in the county of Bay and State of Michigan, have invented a new and useful Stovepipe-Fastener, of which the following is a specification.

The invention relates to improvements in stove-pipe fasteners.

The object of the present invention is to provide a simple and inexpensive device adapted to be readily and conveniently applied to the ordinary stove-hole and capable of securely holding a stove-pipe therein.

A further object of the invention is to enable the stove-pipe fastener to be readily detached from a stove-hole without inconvenience to the operator or injury to the device.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings:—Figure 1 is a perspective view of a stove-pipe fastener showing the same compressed preparatory to introducing it in the stove-hole. Fig. 2 is a vertical sectional view showing the device applied to a stove-hole. Fig. 3 is a detail perspective view showing the clamping device and the brace.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates a thimble, adapted to be inserted in the stove-hole of a chimney and provided at its inner end with an annular flange 2, adapted to engage the inner wall of a chimney 3 to prevent the thimble from being withdrawn accidentally. The annular flange 2 is formed by splitting the metal of the thimble at one end thereof at intervals a short distance and bending the cut portions or tongues outward, as shown; but a flange may be provided of other construction if desired. The thimble is split longitudinally and is adapted to be partially rolled or compressed, as illustrated in Fig. 1 of the accompanying drawings, to enable the flange 2 to be readily inserted in the stove-hole of a chimney; and after such insertion, the thimble expands to cause the annular flange 2 to engage the inner face of the front wall of the chimney. The front or outer end 4 of the thimble is partially crimped or bent inward to enable the thimble to engage positively a stove-pipe and securely clamp the same; and it is held in such engagement by a clamping-screw or bolt 5, which engages perforated lips or flanges 6 of plates 7. The plates 7 are secured to the outer face of the thimble at the outer end thereof; one of the plates is arranged at one of the longitudinal edges of the thimble and the other plate is arranged a short distance from the other longitudinal edge to enable the longitudinal edges to lap over each other when it is necessary to contract, compress, or reduce the thimble to cause the same to clamp a stove-pipe. The bolt or screw is provided with a nut, and it also serves as the means for pivoting an inclined brace 8 to the thimble. The inclined brace has its lower, outer end given a quarter-turn or bend and is arranged between the loops or flanges of the plates. The upper end of the inclined brace 8 is arranged at right angles to the lower end, and engages the chimney and prevents the thimble from moving inward.

It will be readily apparent that the stove-pipe fastener is simple and comparatively inexpensive in construction; that it is adapted to be readily inserted in the stove-hole of a chimney; and that it is capable of securely clamping a stove-pipe. It will further be seen that the device may when desired be readily removed from the stove-hole without inconvenience to the operator and without liability of impairing the future usefulness of the device.

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

Having described my invention, what I claim is—

1. A stove pipe fastener comprising a thimble split longitudinally and adapted to be partially rolled and compressed, and provided at its inner end with an outwardly extending annular flange adapted to engage positively the inner face of a chimney, and a fastening de-

vice arranged adjacent to the outer end of the thimble and securing the longitudinal edges thereof together or holding the thimble in engagement with a stove pipe, said fastening device being arranged to engage the outer face of a chimney, substantially as described.

2. A stove-pipe fastener comprising a thimble split longitudinally and adapted to be partially rolled to enable it to be readily reduced in size for insertion into the stove-hole of a chimney, and provided at its inner end with an outwardly extending annular flange, plates arranged adjacent to the longitudinal edges of the thimble and provided at their adjacent ends with outwardly extending perforated flanges, a screw engaging said flanges and connecting the plates, and an inclined brace mounted on the screw and arranged between the flanges of said plates and adapted to engage the outer face of a chimney to prevent the thimble from moving inward, substantially as described.

3. A stove-pipe fastener comprising a thimble split longitudinally and adapted to be partially rolled to enable it to be readily reduced in size for insertion into the stove-hole of a chimney, and provided at its inner end with an outwardly extending annular flange, plates arranged adjacent to the longitudinal edges of the thimble and provided at their adjacent ends with outwardly extending perforated flanges, and means for adjustably connecting the flanges, substantially as described.

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

CLAUDE HEME.

Witnesses:

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ALBERT E. SMALLEY.