

No. 753,701.

PATENTED MAR. 1, 1904.

E. HANMER.
STOVEPIPE FASTENER.
APPLICATION FILED DEC. 16, 1903.

NO MODEL.

Fig. 1.

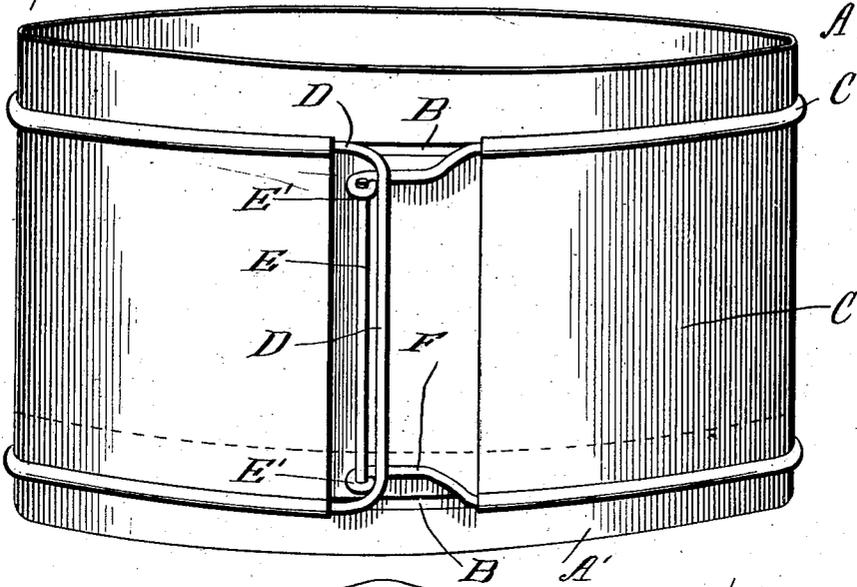


Fig. 3.

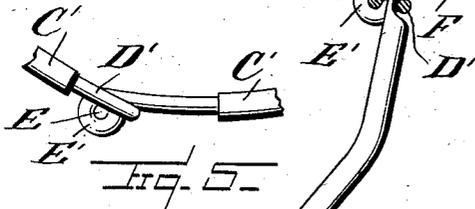
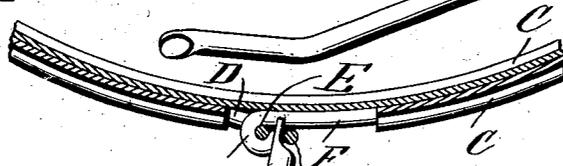
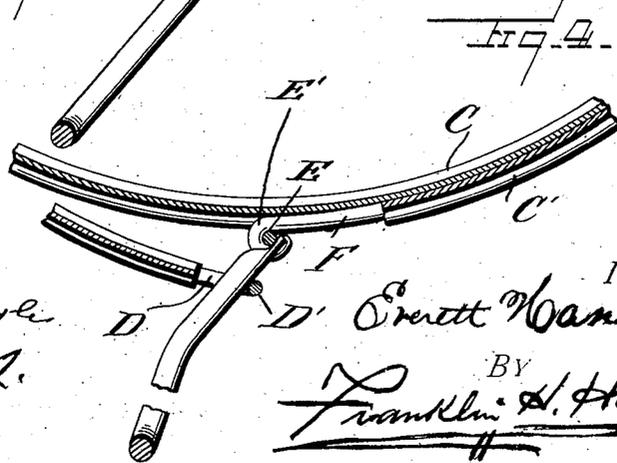


Fig. 5.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EVERETT HANMER, OF INTERLOCHEN, MICHIGAN.

STOVEPIPE-FASTENER.

SPECIFICATION forming part of Letters Patent No. 753,701, dated March 1, 1904.

Application filed December 16, 1903. Serial No. 185,431. (No model.)

To all whom it may concern:

Be it known that I, EVERETT HANMER, a citizen of the United States, residing at Interlochen, in the county of Grand Traverse and State of Michigan, have invented certain new and useful Improvements in Stovepipe-Fasteners; 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in stovepipe-fasteners adapted for clamping and holding securely the meeting ends of pipe-sections, making an efficient means for holding the pipe-sections together and one which may be easily applied to and removed from the pipe-sections.

More specifically, my invention comprises a band having beads along its longitudinal edges adapted to receive wires, the ends of which are adapted to interlock and securely hold the band against the telescoping ends of pipe-sections.

The invention consists, further, in various details of construction and arrangements of parts, which will be hereinafter fully described and then specifically defined in the appended claims.

My invention is illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which drawings similar letters of reference indicate like parts in the views, in which—

Figure 1 is a perspective view of the meeting ends of pipe-sections with my improved fastener applied thereto. Fig. 2 is a detail view of the tool used for fastening the ends together. Fig. 3 is a sectional view longitudinally through the band and through the fastening end, showing the manner of application of the tool for unlocking the ends. Fig. 4 is a similar sectional view showing the manner of locking the ends together. Fig. 5 is a top plan view of a portion of the fastener.

Reference now being had to the details of

the drawings by letter, A and A' designate the two sections of a pipe which are telescoped one within the other, each section being provided with a beading B, which is usual in the construction of pipe-sections.

My improved fastening device comprises a band C, made of sheet metal, and each longitudinal edge of the band is turned into a roll C', which is hollow and adapted to receive the wire D, which at its middle portion is bent to form a bail D' outside one end of the band, a space intervening between said bail-shaped portion and the adjacent edge of the band, as shown clearly in Fig. 1 of the drawings. The ends of said wire project from the opposite end of the band, and are turned to form eyes E', which engage and securely hold a wire E. The portions of the wire adjacent to the eyes E' are bent at an angle, as at F, which angle portion is adapted to bear against the outer circumference of the pipe when the two ends of the fastener are brought together and interlocked, as shown in Fig. 1 of the drawings. As the wire is flexible, it will be observed that the ends thereof having eyes will yield when being forced toward the pipes surrounded by the fastening means, and when said eyes are caught underneath the bail-shaped end of the wire they will be held frictionally under tension of the wires against the bail and in the position shown in Fig. 1 of the drawings.

In fastening the ends of the band together the tool is placed against the cross-wire E, as shown in Fig. 4 of the drawings, and the edges of the tool are fulcrumed against the bail D, and by pushing the tool to the right the bail is drawn over the wire E, and engaging behind the eyes at the ends of the wire the band will be securely held frictionally against the outer faces of the stovepipe-sections.

In removing the fastener the tool is applied as illustrated in Fig. 3 of the drawings, in which the recessed end is placed against the bail and the opposite edge is caused to bear against the rod or wire E and force the same away from the eyes as the lever is thrown in the opposite direction or the left, as will be readily understood.

By the provision of a device embodying the

features of my invention it will be observed that a fastening means for connecting pipes is afforded which not only will securely hold the sections together, but make an ornamental band having the appearance of the ordinary pipe with parallel plaited portions.

While I have shown a particular shape and arrangement of device embodying the features of my invention, it will be understood that I may make alterations, if desired, in the detailed construction of the device without in any way departing from the spirit of the invention.

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

1. A fastening for stovepipes comprising in combination with the meeting ends of the pipe-sections, a band having a wire secured to the longitudinal edges of the band, said wire being bent to form a bail projecting from one end of the band, the ends of the wire projecting from the opposite end of the band and bent to form bail-engaging portions, as set forth.

2. A fastening for stovepipes comprising a band having its opposite longitudinal edges

turned into rolls, a wire passing through said rolls, said wire being bent to form a bail projecting from one end of the band, the ends of the wire projecting from the opposite end of the band and turned into eyes, a rod connecting said eyes, and over which said bail is adapted to be guided, as set forth.

3. A stovepipe-fastener comprising a band having rolls formed in its longitudinal edges, a wire passing through said rolls and bent to form a bail projecting beyond one end of the band, the ends of said wire projecting over the other end of the band and turned to form eyes, a rod fixed in said eyes, the portions of the wire intermediate said eyes and the end of the band beyond which the ends project being bent at angles adapted to bear against the outer circumference of a pipe-section to hold the ends locked together, as set forth.

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

EVERETT HANMER.

Witnesses:

MARY HOPKINS,
ELLA V. HOPKINS.