

N. BEDELL.

Elbow for Stove Pipes.

No. 24,840.

Patented July 19, 1859.

Fig: 1.

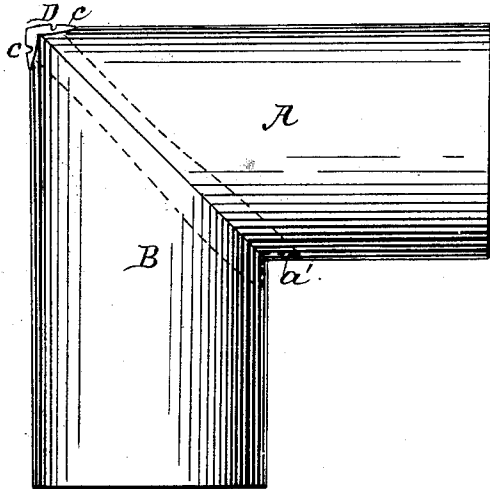
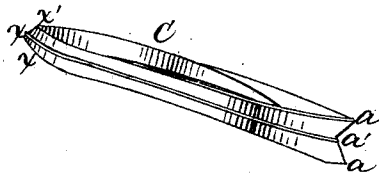


Fig: 2.



Witnesses.

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ELBOW FOR STOVEPIPES.

Specification of Letters Patent No. 24,840, dated July 19, 1859.

To all whom it may concern:

Be it known that I, NORMAN BEDELL, of Albion, in the county of Orleans and State of New York, have invented certain new and useful Improvements in Modes of Joining Stovepipes for Forming Elbows; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The nature of my invention consists in the employment and construction of the frame and clasp; by means of which the pipe is joined as will be hereinafter set forth.

In the drawings Figure 1 represents a side view of the parts when joined together. Fig. 2 represents a perspective view of the frame.

In the figures B, and A, represent two sections of stove pipe with miter edges for forming an elbow.

C, represents a metallic cast frame, being somewhat in the shape of an oval collar. The outer rim of this frame is shown in Fig. 2. Where the two parts of the pipe meet the frame at x , the outer angle is formed and where they meet at a' the inner angle of the pipe is formed.

x shows on the frame a ridge, the frame being beveled off on each side from said ridge as is seen from x to x' , x' . The opposite side of the frame is differently formed.

a' seems to represent a groove, two flanges being seen, as from a' , to a , a .

D, represents a clasp, which is provided

with holes c , c , which correspond with holes made in the two portions of the pipe near their outer angle.

In using this frame C, the two miter edges of the pipe are brought together as seen in Fig. 1. The portions of the pipe at the inner angle as at a' catch under the flanges a , a , while the portions at the outer angle press up and cover the ridge at x . The clasp D, is then placed over the two portions forming the outer angle, and pins or screws a , inserted in the holes c , c . These pins or screws hold the pieces of pipe together at one side, while they cannot separate on account of the flanges a , a , at the other.

By this arrangement I form a very secure and cheap fastening for the miter edges of the pipe. It will be readily seen that the sections of pipe cannot separate unless the pins or screws be removed, or one of them from the clasp D, in which event the pipe may easily be taken to pieces.

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

1. The employment of the metallic frame C, constructed and used substantially in the manner and for the purpose herein set forth.

2. The combination of the clasp D, with the frame C, as constructed for the purpose of holding the miter edges of the pipe together substantially as set forth.

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Witnesses:

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