

G. H. McFEATERS.
PIPE HANGER.
APPLICATION FILED DEC. 23, 1918.

1,303,346.

Patented May 13, 1919.

Fig. 1.

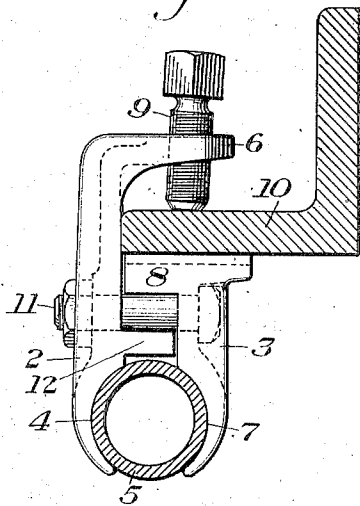


Fig. 2.

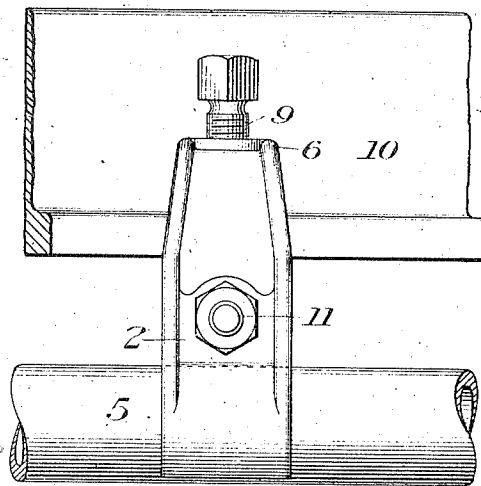


Fig. 5.

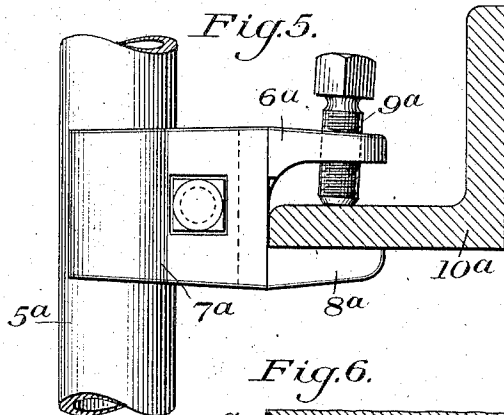


Fig. 3.

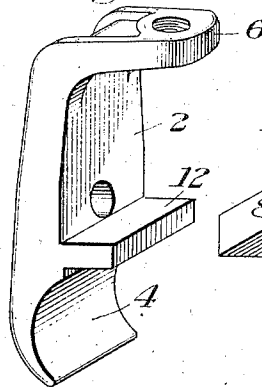


Fig. 4.

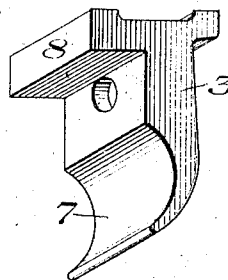


Fig. 6.

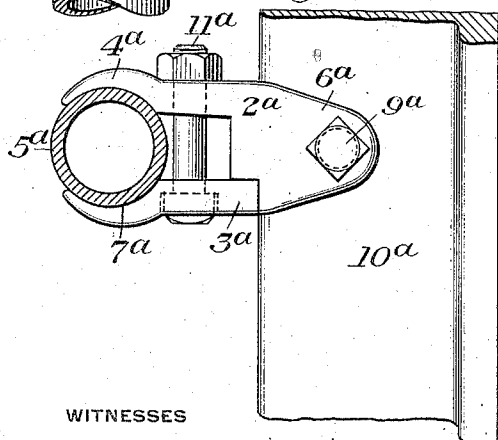


Fig. 7.

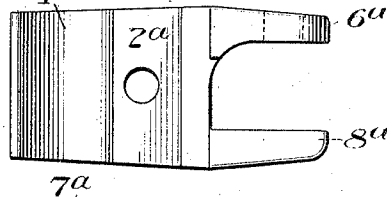
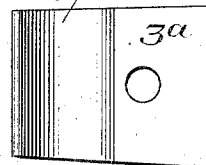


Fig. 8.



WITNESSES

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PIPE-HANGER.

1,303,346.

Specification of Letters Patent.

Patented May 13, 1919.

Application filed December 23, 1918. Serial No. 287,906.

To all whom it may concern:

Be it known that I, GEORGE H. McFEATERS, a citizen of the United States, residing at Johnstown, in the county of Cambria and State of Pennsylvania, have invented a new and useful Improvement in Pipe-Hangers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which:—

Figure 1 is a sectional elevation showing one form of my improved pipe hanger.

Fig. 2 is a plan view of the same.

Figs. 3 and 4 are perspective views of the jaw members shown in Figs. 1 and 2.

Figs. 5 and 6 are views similar, respectively, to Figs. 1 and 2, but showing a modified form of the hanger, and

Figs. 7 and 8 are plan views of the jaw members shown in Figs. 5 and 6.

My invention has relation to pipe hangers and is designed to provide a simple, convenient and efficient form of hanger, more particularly adapted for supporting pipes from the frame members of factory or mill buildings. My invention provides a hanger of this character which can be manufactured at a relatively small cost, which can be readily and quickly applied and removed, and which is capable of use in a number of different positions.

The nature of my invention will be best understood by reference to the accompanying drawings in which I have shown two embodiments of my invention and which will now be described, it being premised, however, that my invention is susceptible to other embodiments and that various changes can be made in the details of construction, arrangement and combination of the parts without departing from the spirit and scope of my invention, as defined in the appended claims.

Referring first to that form of my invention shown in Figs. 1 to 4, inclusive, the hanger comprises the two jaw forming members 2 and 3. The member 2 at one end has a portion formed with a concave inner face 4 adapted to embrace the pipe 5 to be supported; and at its opposite end portion is bent at substantially right angles to form a jaw 6. The member 3 is formed with a concaved portion 7 opposite the concave portion of the first named jaw member, and adapted to embrace the opposite

side of the pipe 5, and at its other end is formed with a transverse jaw 8 substantially parallel with the jaw 6. 9 is a set-screw seated in the jaw 6 and adapted to be screwed into engagement with a flange of a supporting beam 10. 11 is a clamping bolt which connects the two jaw members and which can be tightened to firmly clamp the pipe 5. The jaw member 2 is shown as having an inward projection 12 on its inner face to abut the inner face of the jaw member 3; and the inner end of the jaw 8 is shown as adapted to abut against the inner face of the jaw member 2. The bolt 11 is seated between the jaw 8 and the projection 12.

It will be readily seen that the hanger can be quickly applied to any frame member of a mill building adjacent to which it is desired to carry a pipe; that said frame member may extend either vertically, horizontally, or at any other angle; and that the hanger can be applied to any projecting flange of such member whether said flange be horizontal, vertical or oblique. With this form of clamp, the pipe which is supported by the hanger will always extend substantially parallel to the direction of the support.

In Figs. 5, 6, 7 and 8 I have shown a modification in which the pipe 5^a to be supported extends at right angles to the direction of the support 10^a. This form of my invention is substantially the same as that first described, except that the jaw portions 4^a and 7^a which engage the pipes 5^a, are in a plane at substantially right angles to the plane of the jaws 6^a and 8^a which embrace the flange of the support. In this form of my invention there is also no bracing projection between the jaws adjacent to the clamping bolt 11^a.

The advantages of my invention will be readily apparent to those familiar with devices of this character, since it provides a simple and convenient form of hanger for stringing pipes about a factory or mill building, and one which can be quickly applied and removed.

I claim:

1. A pipe hanger comprising members which together form one pair of relatively fixed jaws to engage a support and another pair of movable jaws to engage a pipe, substantially as described.

2. A pipe hanger comprising members

which together form one pair of relatively fixed jaws to engage a support and another pair of movable jaws to engage a pipe, together with clamping means carried by each pair of jaws, substantially as described.

3. A pipe hanger, comprising two co-operating members which together form one pair of jaws to engage a support and another pair of jaws to engage a pipe, each pair of jaws having separate clamping means, substantially as described.

4. A pipe hanger, comprising two co-operating members which together form one pair of jaws to engage a support and another pair of jaws to engage a pipe, each

pair of jaws having separate clamping means, said members having abutting projections, substantially as described.

5. A pipe hanger, comprising members which together form one pair of jaws to engage a support, and another pair of jaws to engage a pipe, a clamping screw extending through one of the jaw members of the first pair, and a clamping screw extending through both members of the second pair of jaws, substantially as described.

In testimony whereof, I have hereunto set my hand.

GEORGE H. McFEATERS.