Dec. 27, 1927. 1,654,383

C. C. PARRISH

HANGER CLAMP

Filed June 21, 1926

Fig. 1.

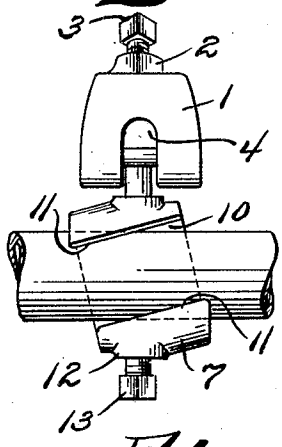


Fig. 2.

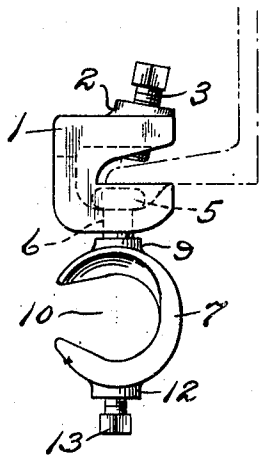


Fig. 3.

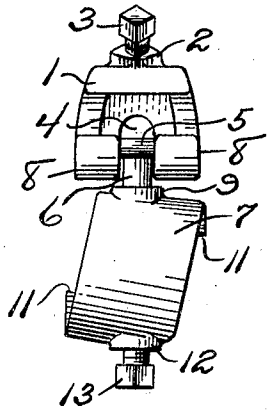
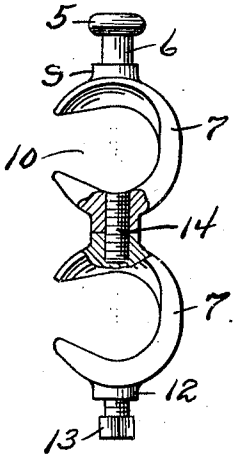


Fig. 4.



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UNITED STATES PATENT OFFICE.

CECIL C. PARRISH, OF DONORA, PENNSYLVANIA, ASSIGNOR OF FORTY-NINE ONE-HUNDREDTHS TO JOHN J. POLKABLA, OF DONORA, PENNSYLVANIA.

HANGER CLAMP.

Application filed June 21, 1926. Serial No. 117,586.

This invention relates to hanger clamps for securing pipes, conduits and the like in operative position to steel beams, sills or the like, and its primary object is to provide a clamp that can be expeditiously applied to a pipe or other similar object to be supported and is so shaped to prevent the same from being casually removed or to fall therefrom.

A further object of the invention is to provide a clamp that can be quickly and securely fixed to steel work of a building and the like and is adapted to receive a single holder for a pipe cable or the like or a number of holders arranged in superposed relation for receiving a like number of pipes, cables, conduits or the like.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a front view showing the application of a pipe to the device.

Figure 2 is a side view showing the application of the device to a beam.

Figure 3 is a rear view of the device per se.

Figure 4 is a side elevation showing a pair of holding means associated for accommodating a like number of pipes, etc.

Referring to the drawings in detail the reference numeral 1 indicates the clamp portion of the device and which includes a substantially U-shaped body having a projection 2 rising at an inclination from the top thereof and which is formed with a threaded opening extending through the top to accommodate a headed screw bolt 3 which is disposed at an inclination by the arrangement of the opening to secure the clamp portion to a beam in the manner as shown in Figure 2.

The clamp portion is also provided with a slot 4 centrally extending through its bottom wall and terminating adjacent its central portion of its rear wall as best shown in Figure 1 and this slot is adapted for the insertion of the head 5 of a shank 6 of the hanger 7. The head 5 is substantially elongated so as to be arranged parallel with the clamp and be received by the arms 8 formed by the slot 4 as suggested in Figure 3 of the drawings.

The hanger 7 is provided with a projection 9 slightly extending upwardly from adjacent one side edge thereof and from which rises the shank 6. The body of the hanger is of arcuate shape in formation and is distorted laterally to arrange the side edges of its upper and lower walls out of alignment, and the body is formed with a slot 10 arranged transversely thereof whereby the hanger can be associated with a pipe or the like as clearly shown in Figure 1 of the drawings. By disposing the hanger in the manner as above set forth, the edges of the slot are upwardly inclined so that the diagonally disposed portions 11 thereof provide stops to prevent the casual removal of a pipe or the like from the hanger after the same has been associated therewith as shown in Figure 1, and the hanger can be swung forwardly and rearwardly in a vertical plane with respect to the clamp 1 without fear of the pipe and the like falling therefrom, or the hanger can be shifted approximately ninety degrees laterally without disengaging the object held thereby.

Oppositely disposed from the projection 9 is a similar projection 12 which may accommodate a headed screw bolt 13 passing through a threaded opening therein and hanger respectively when it is desired to hang a single object such as a pipe as shown in Figure 1, or a threaded stud 14 may be arranged in the projection and hanger to receive a second hanger superposed with respect to the first hanger in the manner as shown in Figure 4. Any number of hangers may be supported in this manner, with the result that a plurality of objects may be likewise supported in the same manner as a single object.

From the above description and disclosure of the drawings, it will be apparent that the hanger can be associated with a pipe or the like and thence arranged in the clamp 1 which may be secured to the base of a steel beam as shown in Figure 2 or other similar supporting means.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrrangement of the several parts, provided that such changes fall within the scope of the appended claim.

What I claim is:

A hanger clamp of the character described comprising a clamping means adapted to be secured to a support, a holder detachably associated with said clamping means, a body included in said holder and being distorted laterally to arrange its side edges of its upper and lower walls out of alignment with respect to each other, said body being slotted with the edges of the walls of the slot upwardly inclined to provide diagonally disposed portions adapted to engage objects received by said holder and the lower wall being provided with a threaded opening for the purpose specified.

In testimony whereof I affix my signature.

CECIL C. PARRISH.