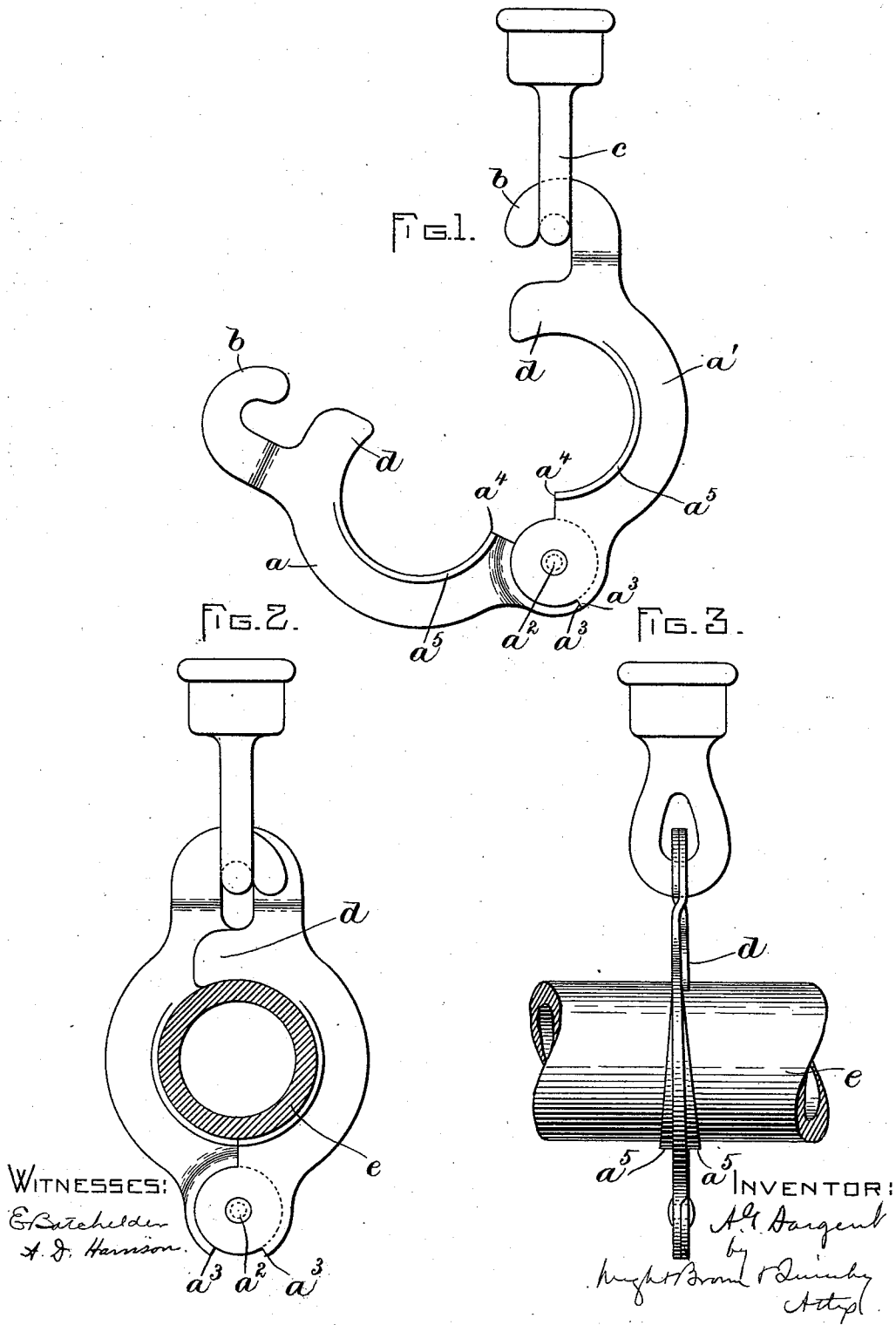


(No Model.)

A. G. SARGENT.
PIPE HANGER.

No. 537,235.

Patented Apr. 9, 1895.



UNITED STATES PATENT OFFICE.

ARTHUR G. SARGENT, OF EAST TILTON, NEW HAMPSHIRE.

PIPE-HANGER.

SPECIFICATION forming part of Letters Patent No. 537,235, dated April 9, 1895.

Application filed July 27, 1894. Serial No. 518,707. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR G. SARGENT, of East Tilton, in the county of Belknap and State of New Hampshire, have invented certain new and useful Improvements in Pipe-Hangers, of which the following is a specification.

This invention relates to means for suspending from overhead supports elongated articles such as steam and water pipes; and it has for its object to provide a simple and efficient hanger adapted to be readily and conveniently engaged with the pipe or other article to be suspended and to be held securely locked or closed upon the pipe by the weight of the latter.

To these ends, the invention consists in the improvements which I will now proceed to describe and claim.

Of the accompanying drawings, forming a part of this specification,—Figure 1 represents a side view of my improved hanger, showing it engaged with an overhead support and in position to receive the pipe. Fig. 2 represents a similar view showing the hanger closed upon the pipe, the latter being in section. Fig. 3 represents an edge view of the hanger in the position shown in Fig. 2.

The same letters of reference indicate the same parts in all the figures.

My improved hanger is composed of two sections or jaws *a* and *a'*, which are connected at their lower ends by a pivot *a²*, said ends being preferably formed with ears receiving said pivot, the whole constituting a joint or hinge which adapts the hanger to be readily opened, as shown in Fig. 1, and closed as shown in Fig. 2, the sections being preferably provided with abutting stops *a³a³* which limit the opening movement of the hanger, and similar stops *a⁴a⁴* which limit its closing movement. On the swinging end of each jaw is formed a hook *b*, said hooks opening in opposite directions, as shown in Fig. 1, so that when the hook of the jaw *a'* is engaged with a fixed eye *c* rigidly supported from above, the jaw *a* may remain separated or swung away from the jaw *a'* and supported by the stops, *a³a³*, as shown in Fig. 1, until the pipe *e* or other article is inserted in the opening between the jaws, after which the jaw *a* may be raised and its hook engaged with

the eye *c* by giving the hanger a slight upward movement, sufficient to carry the depressed end of the hook into said eye. The hooks are formed so that they can pass by each other and stand side by side when the hanger is closed, as shown in Figs. 2 and 3. Each jaw is provided below the hook with a guard or tongue *d*, said guards being formed to stand side by side when the hanger is closed, and extend across the opening formed by the hooks.

It will be seen that the described hanger can be first applied to the supporting eye *c* in the position shown in Fig. 1, the jaws being spread or separated, and held by one of the hooks and by the stops, *a³*, in position to receive the pipe, so that the pipe can be readily dropped into the space between the jaws, and then while the pipe is supported by the jaws, they can be closed together by swinging the jaw *a* into engagement with the eye *c* in the manner described.

This device may be used to support pipes of any desired kind, as well as cables, and other elongated articles requiring to be suspended from overhead supports.

I prefer to provide each jaw with flanges *a⁵a⁵* affording a sufficiently extended bearing for the underside of the article supported. It will be seen that the weight of the suspended article holds the oppositely opening hooks in engagement with the cross-bar of the eye *c*, so that the hanger is locked to the suspended article by the weight of the latter. The tongues or guards *d* and the hooks *b* are arranged to interlock and thus prevent lateral displacement of either jaw. In other words, the hook of the jaw *a'* bears on one side of the hook on the jaw *a*, while the guard *d* of the jaw *a'* bears on the opposite side of the guard of the jaw *a*. This arrangement prevents undue strain on the pivot or hinge, and keeps the jaws in place laterally.

I claim—

1. A hanger for elongated articles, composed of two jaws or sections hinged together at one end, and provided at their swinging ends with hooks which open in opposite directions and are formed to stand side by side when the hanger is closed, said jaws being provided also with stops, such as *a³*, which co-operate with one of said hooks in holding

the hanger in its open or pipe-receiving position.

2. A hanger for elongated articles, composed of two jaws or sections hinged together at their lower ends and provided at their upper ends with oppositely opening hooks and with tongues or guards below said hooks, said hooks and guards interlocking to prevent lateral movement of the jaws.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 20th day of July, A. D. 1894.

ARTHUR G. SARGENT.

Witnesses:

S. S. JEWETT,

W. A. PLUMMER.