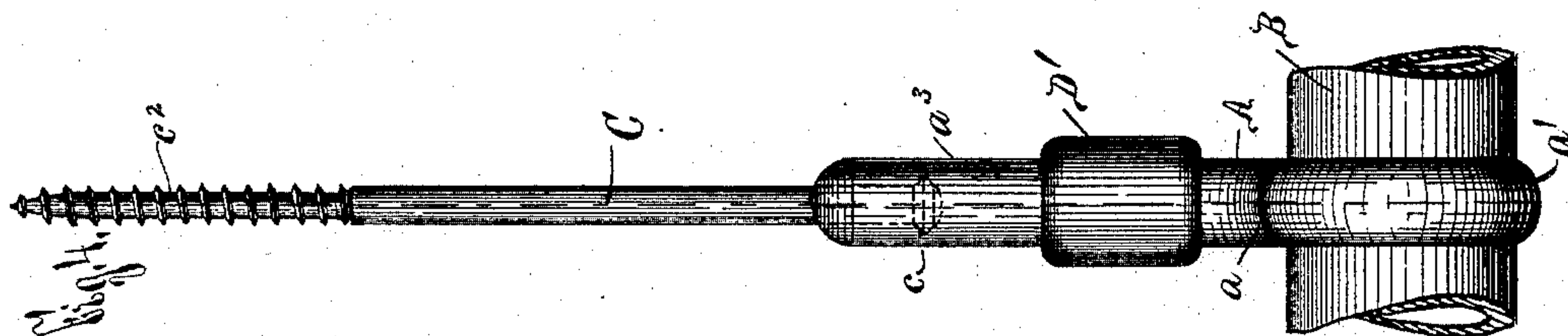
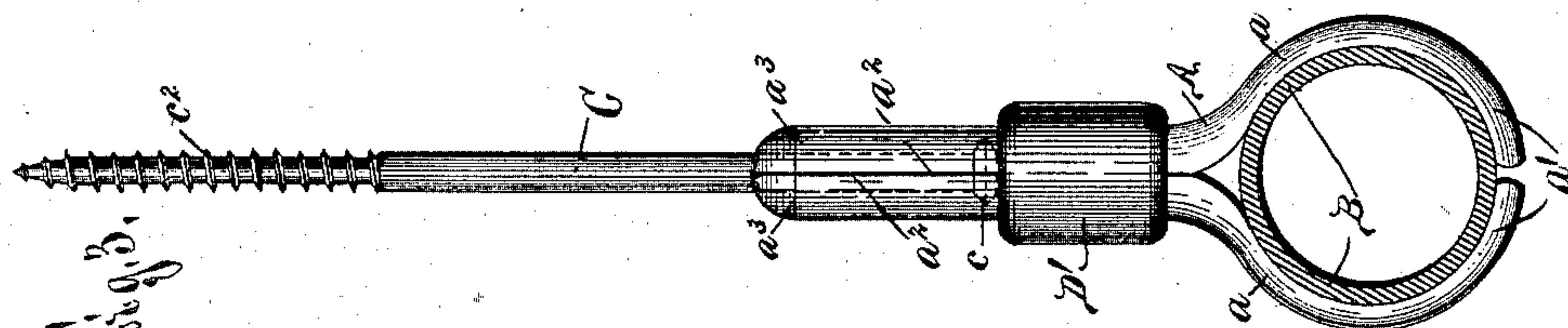
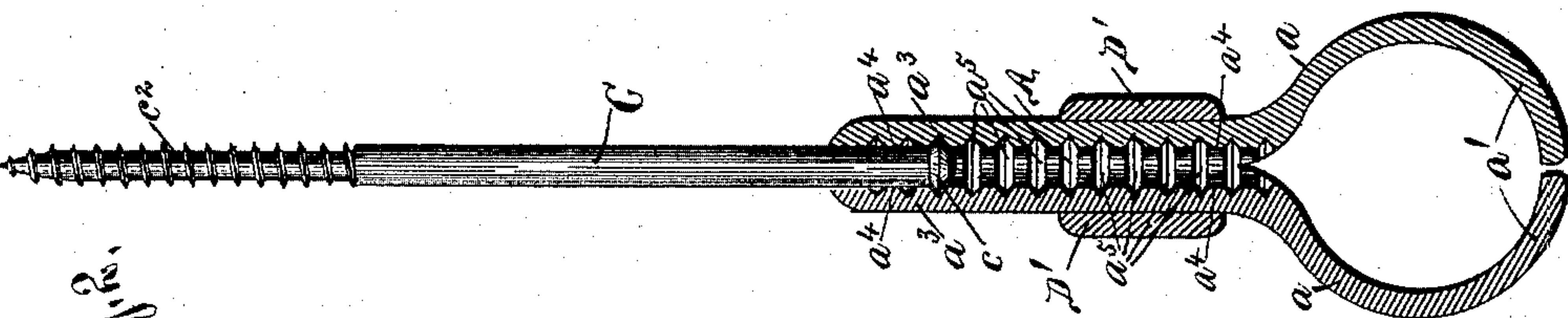
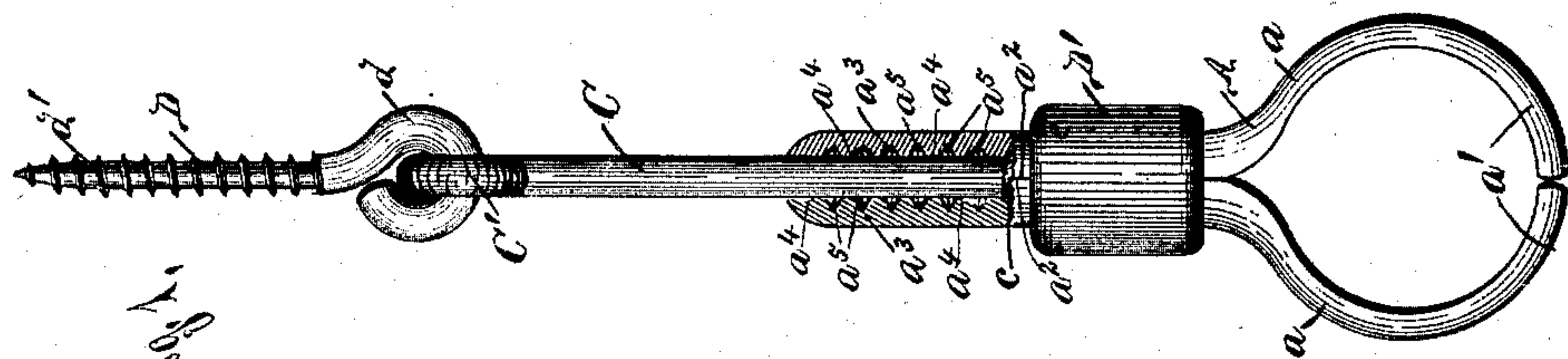


(No Model.)

J. D. DUNNING.
PIPE HANGER.

No. 476,227.

Patented May 31, 1892.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JONAH D. DUNNING, OF ATHENS, PENNSYLVANIA.

PIPE-HANGER.

SPECIFICATION forming part of Letters Patent No. 476,227, dated May 31, 1892.

Application filed January 11, 1892. Serial No. 417,646. (No model.)

To all whom it may concern:

Be it known that I, JONAH D. DUNNING, of Athens, in the county of Bradford, in the State of Pennsylvania, have invented new and useful Improvements in Pipe-Hangers, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention relates to improvements in pipe-hangers, and has for its object the production of a simple and effective device, which is economically manufactured, readily placed in operative position, and strong and durable in use.

To this end the invention consists, essentially, in a frame composed of sections having one end adapted to engage the pipe and the other provided with serrations, a support formed with a shoulder for engaging the serrations, a collar movable on the frame for holding the sections together, and in the detail construction and arrangement of the parts, all as hereinafter more particularly described, and pointed out in the claims.

In describing this invention reference is had to the accompanying drawings, forming a part of this specification, in which like letters indicate corresponding parts in all the views.

Figure 1 is an elevation, partly in section, of my invention. Fig. 2 is a longitudinal vertical sectional view of the parts as illustrated at Fig. 1, with the exception that a somewhat modified form of support for the bracket-frame is shown in elevation. Fig. 3 is an elevation of the parts as shown at Fig. 2, the support being illustrated as adjusted nearer to the pipe-supporting end of the hanger-frame than at Fig. 2 and a pipe being shown in transverse section as engaged by my improved hanger; and Fig. 4 is an edge view of the parts as shown at Fig. 3, the support being shown in the same position as the corresponding part at Fig. 2.

It is frequently desirable in plumbing, steam-fitting, &c., to support a pipe from an adjacent wall, as a ceiling, floor, or partition, and my invention is designed to permit of such operation, and is of such simple and practical construction that the same may be quickly placed in operative position and adjusted to support the pipe at the desired distance from the wall.

A represents the pipe-hanger frame, consisting of the separable sections a , having their lower extremities adapted to engage the pipe B, being preferably formed for that purpose with a curved end or hook a' . The edges a^2 of the upper ends a^3 of the sections a are adapted to closely contact one with the other. Their outer faces are preferably formed round- ing or cylindrical and their inner faces provided with curved bearings a^4 and serrations a^5 .

The support C for the frame A consists, preferably, of a rod having one extremity adapted to be engaged by the curved bearing a^4 and provided with a shoulder c for entering the serrations a^5 . The other end of the rod C may be suitably formed for attachment in position. At Fig. 1 I have shown this end as formed with an eye C', engaged with a corresponding eye d in a second support D, having its outer end d' screw-threaded and adapted to be screwed into the adjacent wall.

At Figs. 2, 3, and 4 the outer end of the support C is shown as formed with screw-threads c^2 for engaging the wall; but it will be evident that the same may be otherwise constructed to permit of attachment to the adjacent walls.

The serrations a^5 extend along the inner faces of the frame-section a for a considerable distance, as shown in Fig. 2 of the drawings, in order that the length of the hanger may be adjusted by registering the shoulder c of the support C with said serrations.

D' represents a clamp for securing together the separate frame-sections a and firmly clamping the hanger-frame A to its support C. As here shown, this clamp consists of a collar movable up and down the upper extremity a^3 of the frame-sections, as the said collar is produced very economically and is efficient in use.

The operation of my invention will be readily perceived from the foregoing description and upon reference to the drawings, and it will be particularly noted that the various parts of my invention are simple, strong, durable, and practical in operation, that they may be readily cast or stamped to the required form, and quickly and readily assembled in position.

Having thus fully described my invention,

what I claim as new, and desire to secure by Letters Patent, is—

1. In a pipe-hanger, the combination of a frame composed of separate lengthwise sections, each having an integral engaging hook at one end for engaging the pipe and serrations on the inner face of the opposite end, a support interposed between said sections and formed with a projection adapted to engage the serrations, and a clamp on the frame for holding the sections together, substantially as and for the purpose specified.

2. In a pipe-hanger, the combination of a frame composed of separate sections having an engaging hook at one end and curved bearings α^4 and serrations α^5 at the other end, a

support having one end adapted to bear against the curved bearings α^4 and provided with a shoulder for engaging the serrations α^5 , and a collar movable on the frame for holding the sections together, substantially as and for the purpose set forth.

In testimony whereof I have hereunto signed my name, in the presence of two attesting witnesses, at Athens, in the county of Bradford, in the State of Pennsylvania, this 8th day of December, 1891.

JONAH D. DUNNING.

Witnesses:

A. C. WRIGHT,

J. T. CORBIN.