

(No Model.)

E. NEWMAN.
PIPE JOINTING HOLDER.

No. 575,286.

Patented Jan. 12, 1897.

Fig. 1.

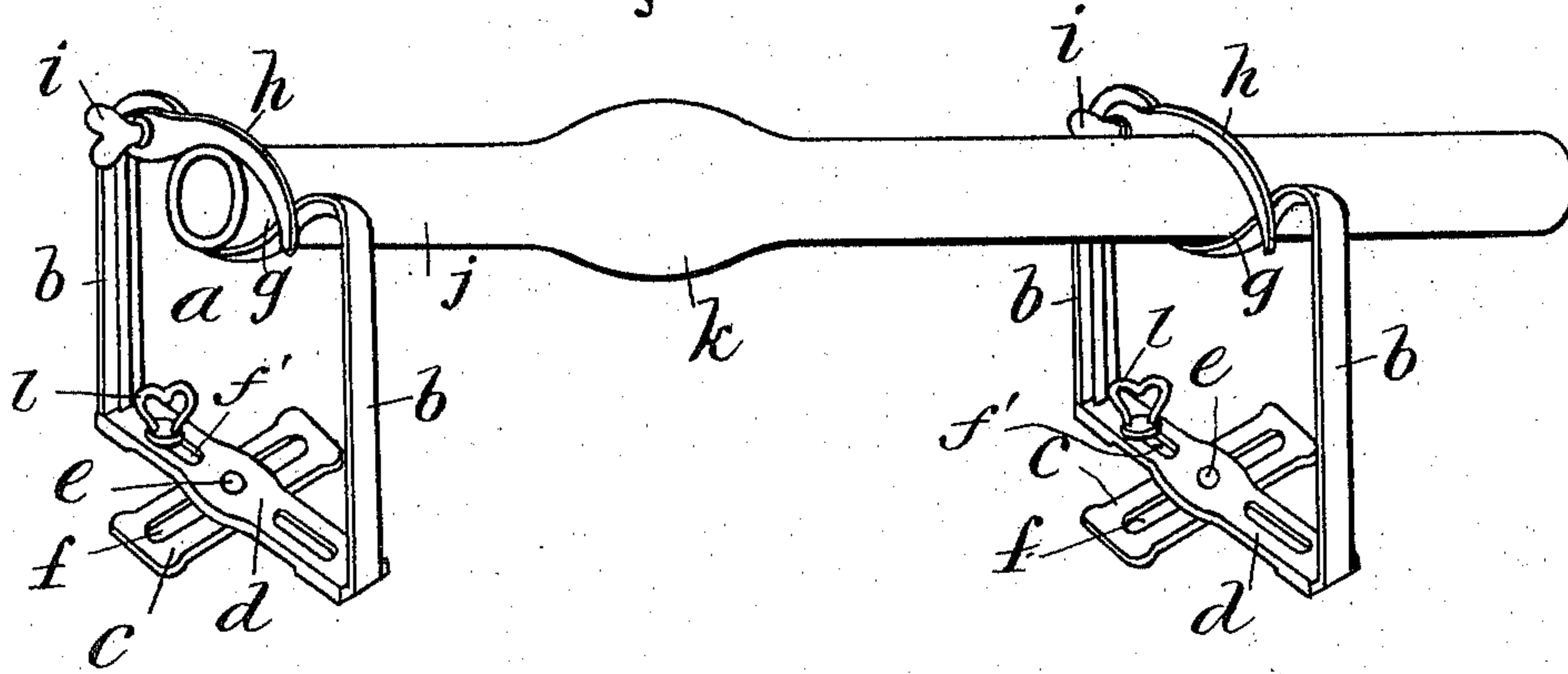


Fig. 2.

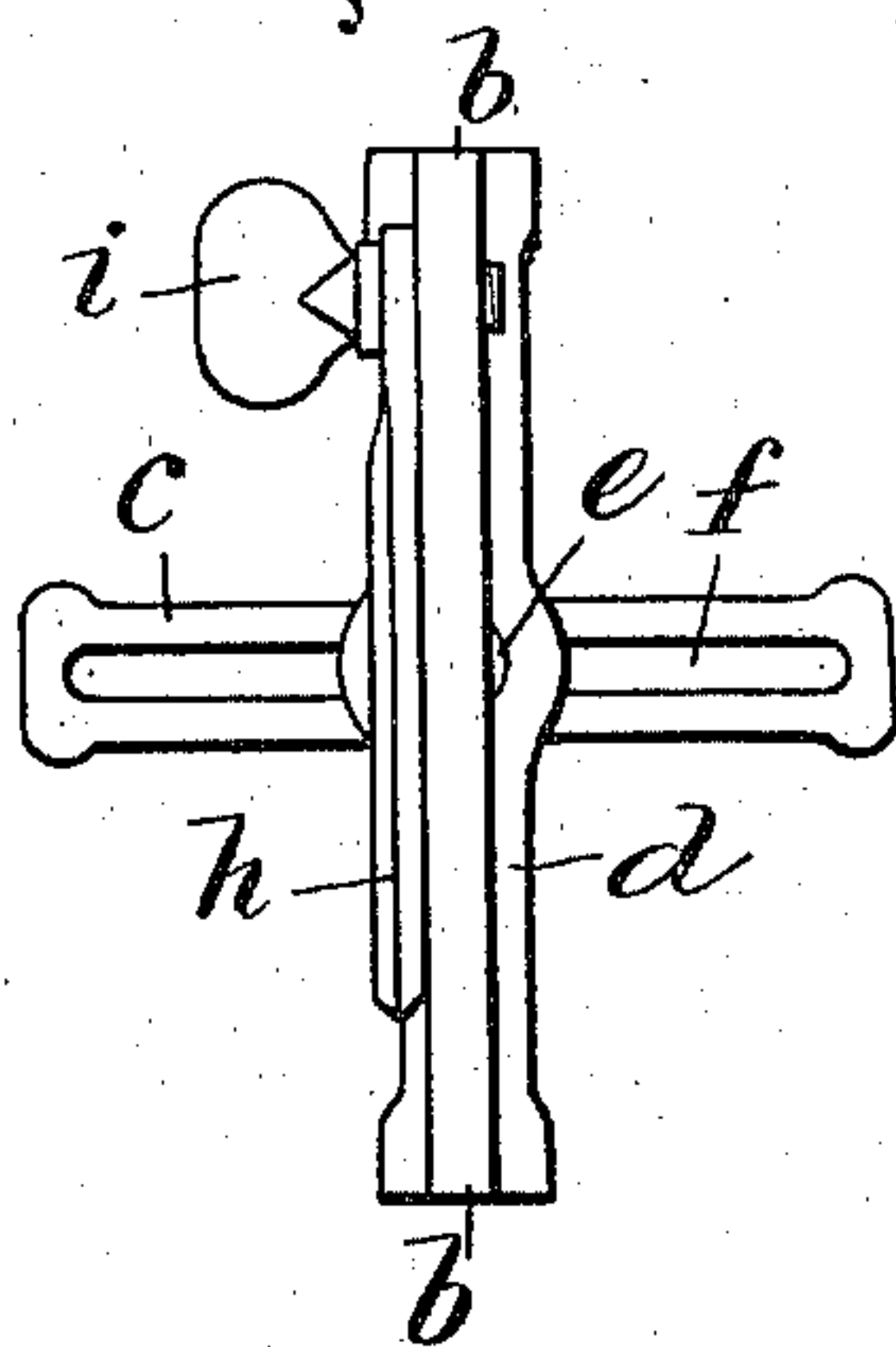
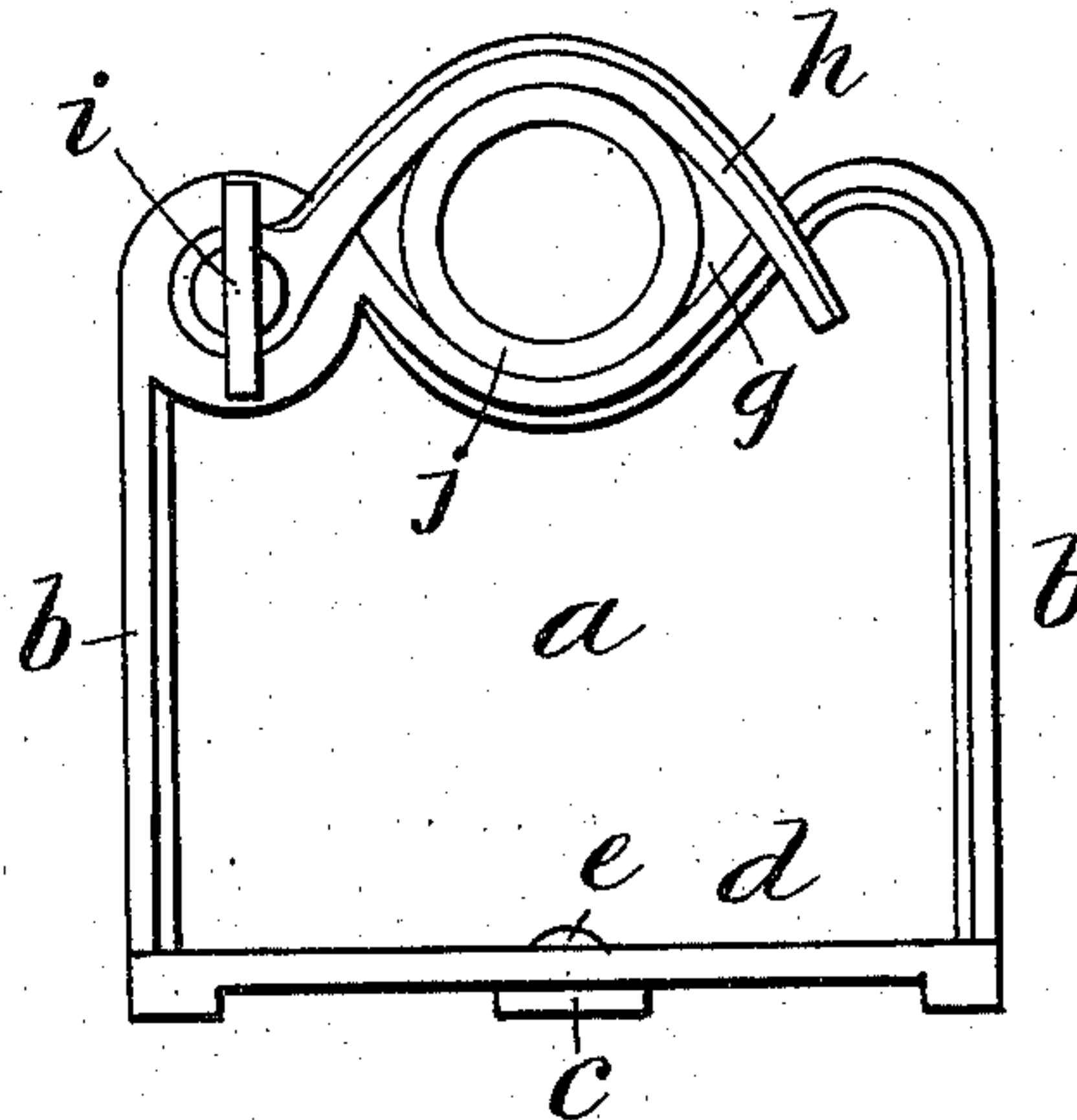


Fig. 3.



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UNITED STATES PATENT OFFICE.

EUGENE NEWMAN, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO THE
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PIPE-JOINTING HOLDER.

SPECIFICATION forming part of Letters Patent No. 575,286, dated January 12, 1897.

Application filed August 30, 1894. Serial No. 521,690. (No model.)

To all whom it may concern:

Be it known that I, EUGENE NEWMAN, a citizen of the United States, and a resident of Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Pipe-Jointing Holders, of which the following is a full, clear, and exact description, whereby any one skilled in the art can make and use the same.

10 The object of my invention is to provide a simple and compact stand usable by plumbers and the like artisans for the purpose of holding pieces of lead pipe at a sufficient height above a floor or bench to enable a joint to be made in uniting two pieces.

15 This device is particularly useful in making what is called a "wiped" joint in uniting lengths of lead pipe; and to the ends stated my invention consists in the details of the several parts making up the stand as a whole and in the combination of the stand and holder, as more particularly hereinafter described, and pointed out in the claims.

20 Referring to the drawings, Figure 1 is a view in perspective of the device, illustrating its method of use in holding the pipe to form the joints. Fig. 2 is a detail top or plan view of the device on enlarged scale. Fig. 3 is a detail view in front elevation illustrating the construction.

25 In the accompanying drawings the letter *a* denotes the pipe-stand, having a frame *b* and folding foot *c*. This foot is preferably attached to the base *d* of the frame by means of a pivot *e*, and there is a lengthwise slot *f* formed in the base, through which a thumb-screw *l*, having a screw-point, may be thrust, so as to temporarily secure the stand, as a whole, to the floor or to the surface of a bench or table.

30 The frame of the stand is preferably of cast metal having a head reëntrant along the upper part to form a socket *g*, in which a pipe may be supported. A curved holding-arm *h* is pivotally secured to the frame, as by means of a clamp-screw *i*, and the arm is adapted to swing across the socket and to overlie a length of pipe *j* when the latter is supported in the socket.

35 The stand as a whole, constructed as described, is comparatively light and strong and

easily packed for storage in a small space, making it a convenient tool to be carried in the tool-bag of a workman. By the use of a number of these stands a length of pipe may be firmly held at such distance above a surface, as a floor or bench, to enable perfect access to be had to all sides of the pipe, two pieces of which may be butted together and a joint $\frac{1}{2}$ made in the usual manner.

40 As stated, the device is preferably made of metal, as iron, cast to shape, but it may be made of any other material which will suitably answer the purpose and of any desired size consistent with the purpose in view.

I claim as my invention—

1. In combination in a pipe-stand and frame having a base, a foot pivoted to the base and having a swinging movement in the plane thereof, a thumb-screw extending through the base, a pipe-socket formed in the upper part of the frame and a clamping-arm adjustably supported on the frame and adapted to overlie the pipe-socket, all substantially as described.

2. A pipe-stand including a skeleton frame having a base, a foot pivoted to the base and having a swinging movement in the plane thereof, a thumb-screw extending through the base of the frame, a reëntrant bend in the upper part of the frame forming a pipe-socket, a swinging clamp-arm adapted to overlie the pipe-socket, and a clamp-screw adjustably attaching the arm to the frame, all substantially as described.

3. In combination in a pipe-stand and frame having a base, a foot pivoted to the base and having a swinging movement in the plane thereof, a thumb-screw extending through the base, a pipe-socket formed in the upper part of the frame, and extending crosswise thereof, a clamp-arm pivoted to the frame and having a swinging movement in the plane thereof and across the pipe-socket, and a clamp-screw forming the pivot for the clamp-arm whereby the latter is adjustably attached to the frame, all substantially as described.

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Witnesses:

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