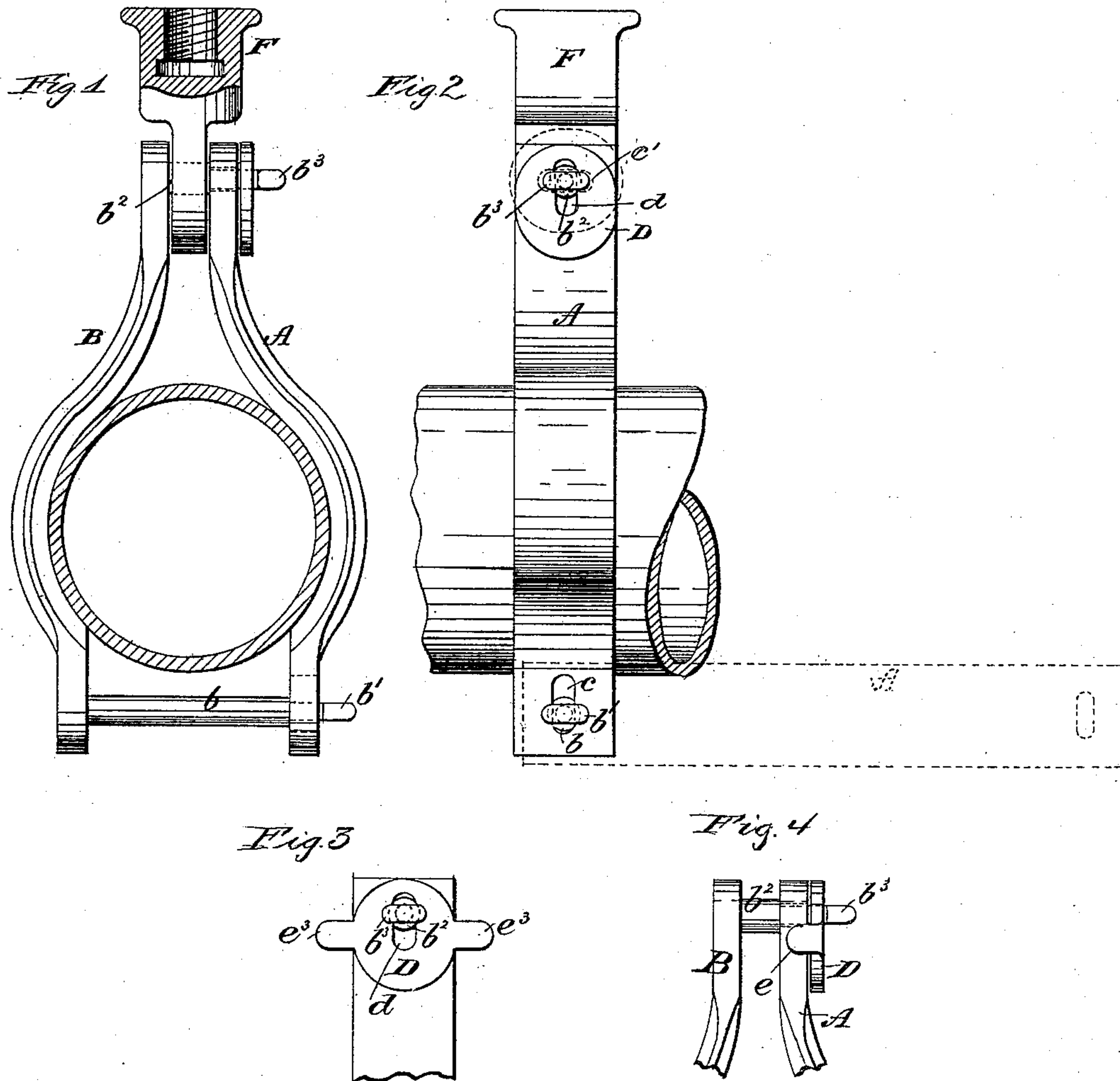


(No Model.)

E. RUTZLER.
PIPE HANGER.

No. 429,816.

Patented June 10, 1890.



Witnesses
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ENOCH RUTZLER, OF BROOKLYN, NEW YORK.

PIPE-HANGER.

SPECIFICATION forming part of Letters Patent No. 429,816, dated June 10, 1890.

Application filed February 15, 1890. Serial No. 340,519. (No model.)

To all whom it may concern:

Be it known that I, ENOCH RUTZLER, of Brooklyn, in the county of Kings and State of New York, have invented a certain new and useful Improvement in Pipe-Hangers, of which the following is a specification.

I will describe in detail a pipe-hanger embodying my improvement, and then point out the novel features in claims.

In the accompanying drawings, Figure 1 is an end elevation, partly in section, of a pipe-hanger embodying my improvement and showing a portion of pipe therein. Fig. 2 is a side elevation of the same. Fig. 3 is a detail view showing a slight modification. Fig. 4 is a similar view, certain of the parts being in a different position than that shown in Fig. 3.

Similar letters of reference designate corresponding parts in all the figures.

A pipe-hanger embodying my improvement comprises two members A B. These members about midway in their length are arched, but their upper and lower end portions are shown as substantially straight. The member B, near its lower extremity, has secured to or formed therewith and extending from one side a bar b , which bar extends at approximate right angles to the direction of the length of the member B. Upon the outer or free end of said bar the same is provided with a T-shaped head b' , which head is flattened upon its upper and lower sides, and the cross or T bar of which extends at approximate right angles to the direction of length of the member B. Said member B is also provided near its upper extremity, and extending from one side thereof at approximate right angles to its length, with a bar b^2 , which bar is provided near its outer extremity with a T-head b^3 , similar to the T-head b' . The member A, near its lower extremity, is provided with an elongated longitudinally-extending slot c , while near its upper end it is provided with an elongated transversely-extending slot c' . (Shown more clearly in dotted outline in Fig. 2.) When it is desired to secure a pipe in the hanger, the member A is swung down into the position shown more clearly in dotted outline in Fig. 2. The said member may then be removed from the bar b , because the T-head b' and the slot c will

extend in the same direction. The pipe having been put in place, the member A is swung up into such position that it may be passed over the T-head b^3 upon the bar b^2 , said T-head extending through the slot c' .

In order to secure the member A upon the bar b^2 , I employ a locking-piece D, shown as circular, and provided with a radially-extending slot d , which is somewhat eccentric to the axis of the said locking-piece, as shown more clearly in Fig. 2. The locking-piece being turned so that it may be passed over the T-head b^3 , the latter passing through the slot d , the locking-piece is turned round into the position shown more clearly in full lines in Fig. 2. It will then drop down, and gravity will serve to maintain it in the position where the T-head will be approximately at the upper end of the slot d . The portion A cannot now be removed from its connection with the member B except by removing the locking-piece D and turning the said member A down into the position shown more clearly in dotted outline in Fig. 2. The diameter of the main portions of the bars b b^2 is such that they cannot be passed through the slots c c' . The shank of the T-head b' is long enough to permit of the member A being canted so as to swing it upwardly and downwardly past the pipe.

In Figs. 3 and 4 I have shown that the locking-piece D may be provided upon its edges and about opposite each other with ears e , which ears, when the locking-piece has been placed in position, may be bent round at the sides of the upper end portion of the member A, so as to positively prevent accidental rotation and displacement of the locking-piece D.

In Figs. 1 and 2 I have shown a socket F, which socket is adapted to receive a lag-screw or other device by which the hanger may be supported from an overhead support. The lower end portion of the socket F is pivoted upon the hanger by means of the bar b^2 , which passes through a suitable aperture in the lower portion of the socket.

Instead of arranging both of the bars b b^2 upon the member B, they might, of course, both be arranged upon the member A, or one might be arranged upon the member B and the other upon the member A, as desired.

By extending the bar *b* from one of the members transversely beneath the pipe a temporary support for the pipe may be provided while the second member of the hanger is
5 being placed in position.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A pipe-hanger comprising two members, one of which is provided near its lower extremity with an elongated longitudinally-extending slot, and the other of which is provided with a bar extending therefrom transversely to the line of pipe, and having a T-head adapted to engage said slot when the
10 slotted member is swung up into position, and a locking device near the upper ends of said members for securing said members together, substantially as specified.

2. A pipe-hanger comprising two members,
20 one of which is provided near its extremities with elongated longitudinally-extending slots,

and the other of which is provided with bars having T-heads adapted to extend through said slots, and a slotted locking device engaging the upper of said T-heads for securing
25 said T members together, substantially as specified.

3. A pipe-hanger comprising two members, one of which is provided with elongated longitudinally-extending slots near its extremities, and the other of which is provided with
30 bars having T-heads adapted to extend through said slots, and a slotted locking device engaging the upper of said T-heads and provided with ears *e*, adapted to be bent
35 about the edges of the adjacent member, substantially as specified.

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Witnesses:

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