

(No Model.)

G. W. LUTZ.

PIPE HANGER.

No. 382,171.

Patented May 1, 1888.

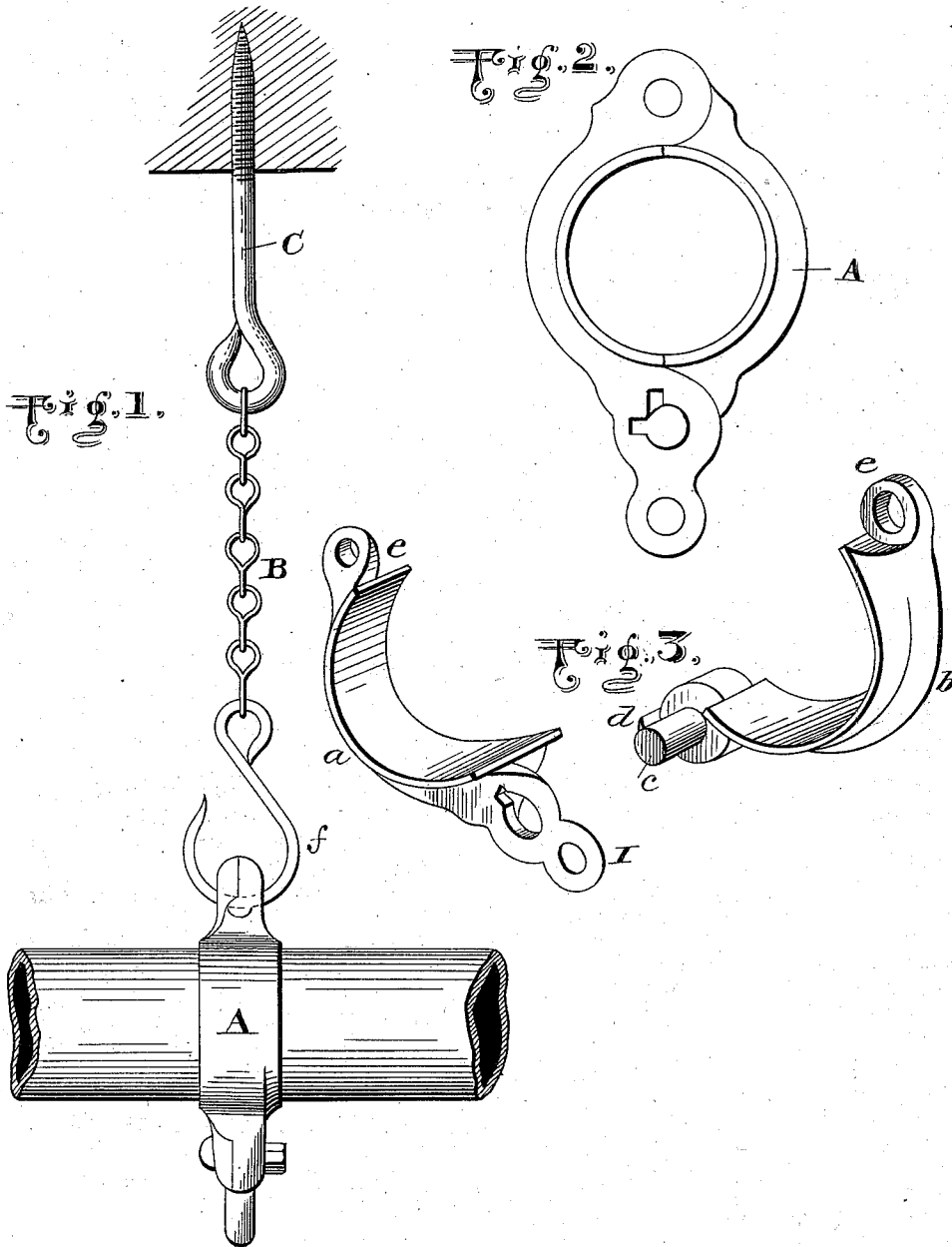


Fig. 1.

Fig. 2.

Fig. 3.

WITNESSES:

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# UNITED STATES PATENT OFFICE.

GEORGE W. LUTZ, OF WHEELING, WEST VIRGINIA, ASSIGNOR OF ONE-HALF  
TO JOHN S. TRIMBLE, OF SAME PLACE.

## PIPE-HANGER.

SPECIFICATION forming part of Letters Patent No. 382,171, dated May 1, 1888.

Application filed April 22, 1887. Serial No. 235,827. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE W. LUTZ, a resident of Wheeling, in the county of Ohio and State of West Virginia, have invented certain new and useful Improvements in Pipe-Hangers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to pipe-hangers; and its object is to provide a hanger which may be easily applied and adjusted, and which may be applied and operated without requiring the use of a single bolt and nut.

The invention consists in the various details of construction, hereinafter fully described.

Figure 1 represents the hanger in place, with a section of pipe in position. Fig. 2 is a detailed enlarged view of a hanger. Fig. 3 is a view showing the parts separated.

In the drawings, A represents the hanger proper, supported from the ceiling or rafter of a building by means of a chain, B, which is held to the rafter by a screw-pointed staple, C, or other equivalent means.

The holder may be readily adjusted to any desired height or lowered by the removal or addition of links, thus obviating the objectionable bar or strap heretofore existing, which required cutting and consequent waste of material in order to support a pipe where the hanger-supports were of different lengths. The hanger proper is composed of two halves, *a b*, being united at their lower portions by a projecting stud, *c*, having a feather, *d*, upon one edge, fitting and passing through an opening on a projecting ear on the opposite half, a recess being provided for the passage of the feather. This feather is at the end of the stud in one side, and is not of equal depth, so that after it passes through the opening in the ear the parts of the hanger may freely swing upon the stud *c* as a hinge, and the feather will pre-

vent any displacement of the parts. This means of fastening obviates the use of screw-threaded nuts and bolts, which are objectionable for many reasons, and the parts may be slipped into connection with each other easily and quickly.

The parts of the hanger have ears *bb* at their upper ends, which are provided with holes which register when the hanger is closed, and by passing the hook *f* of the supporting-chain through these holes the hanger is locked, the one support holding the two parts.

Beneath the pivoting-stud *C* one of the parts I forms a ring, from which a hook may extend to serve as a support for a second line of piping beneath the first.

The opening through which the supporting-hook passes I prefer to make oblong, so that the weight of the pipe will pull the parts tight together.

Having described my invention, what I claim is—

1. A pipe hanger consisting of two parts pivoted together, the upper ends thereof overlapping, with an opening in the end of each adapted to register when the parts are together, and a combined locking and supporting hook passing through said openings with suitable connections between said hook and the rafters or ceiling, substantially as described.

2. A pipe-hanger consisting of the two parts removably connected together at their lower ends, the upper ends overlapping and provided with openings registering, and a fastening and supporting hook independent of the hanger, adapted to pass through the opening in each part, and connections with the ceiling from said hook, substantially as described.

In testimony that I do claim the foregoing as my own I hereby affix my signature in presence of two witnesses.

GEO. W. LUTZ.

Witnesses:

HENRY M. RUSSELL,  
LOUIS E. SCHRADER.