

(No Model.)

H. C. WEEDEN.
PIPE HANGER.

No. 545,561.

Patented Sept. 3, 1895.

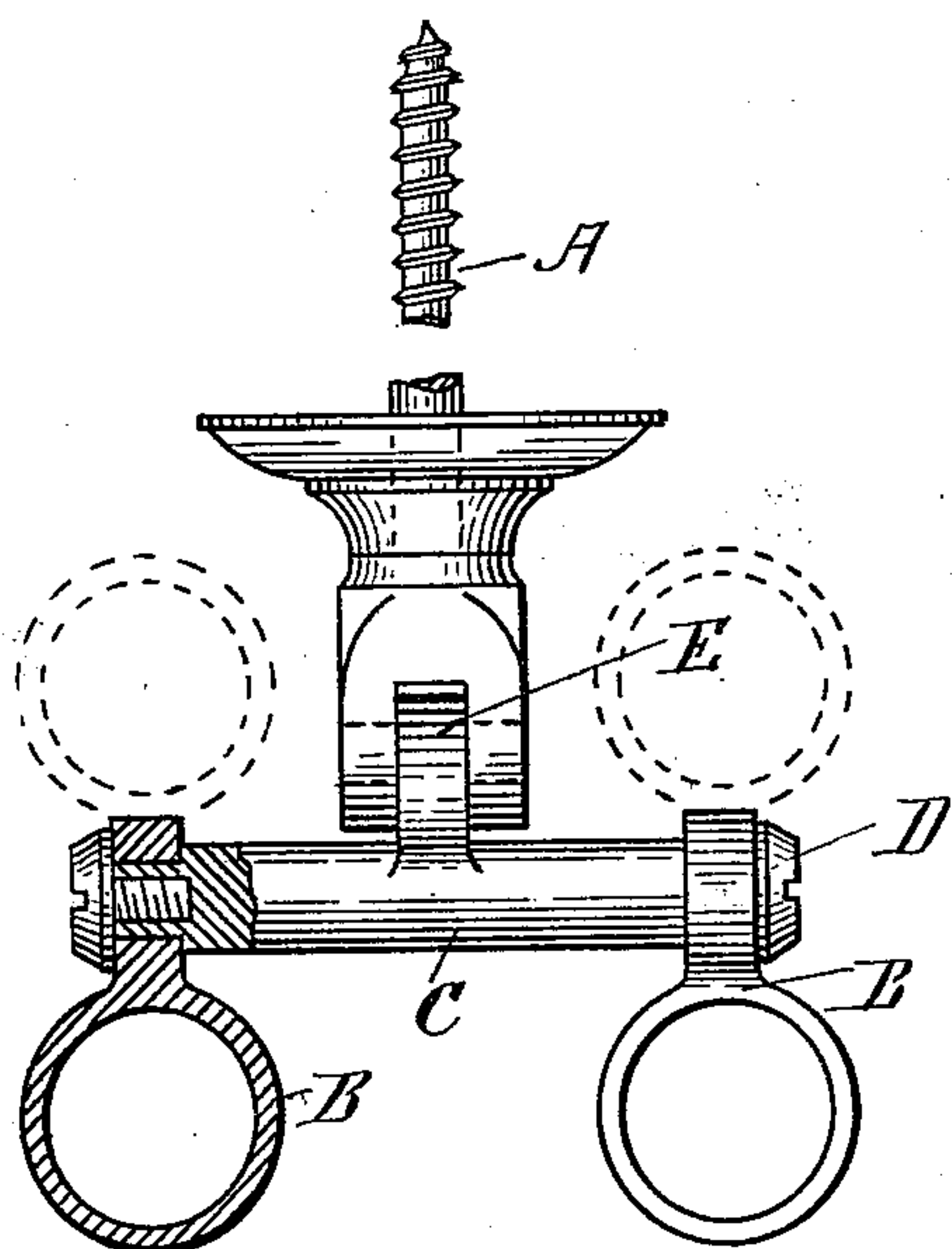


Fig. 1.

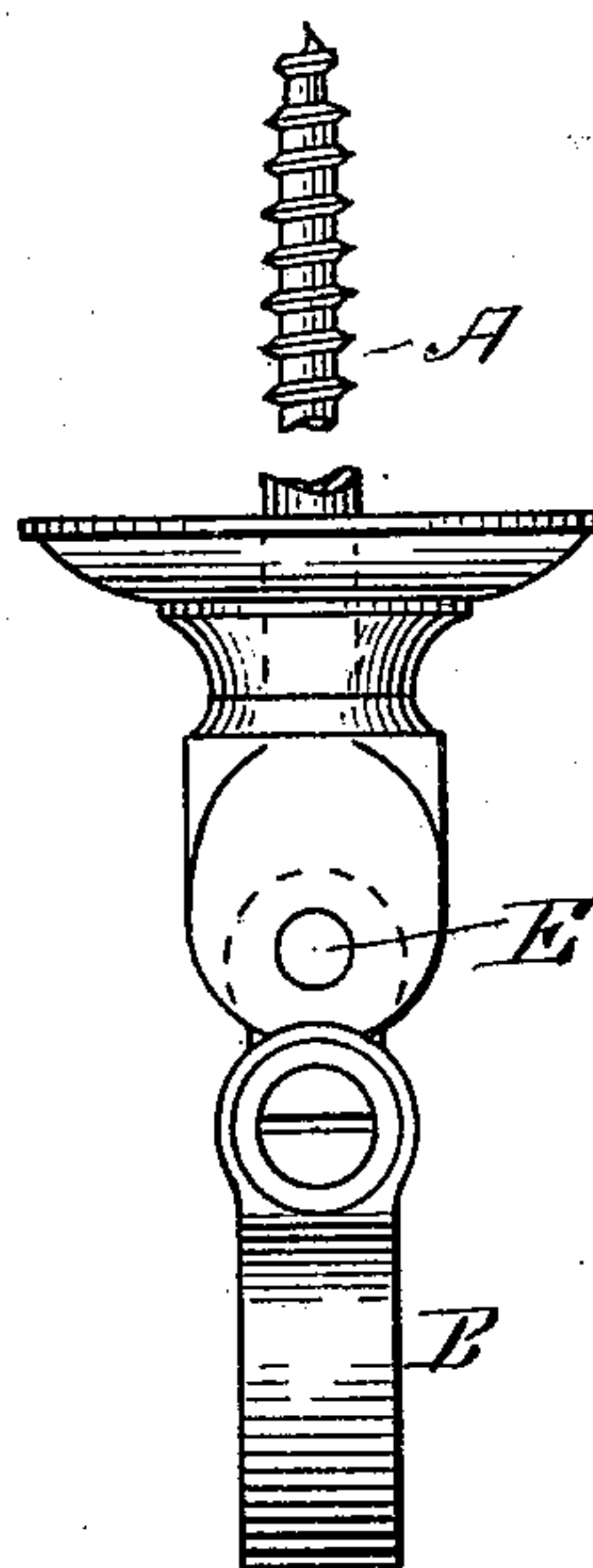


Fig. 2.

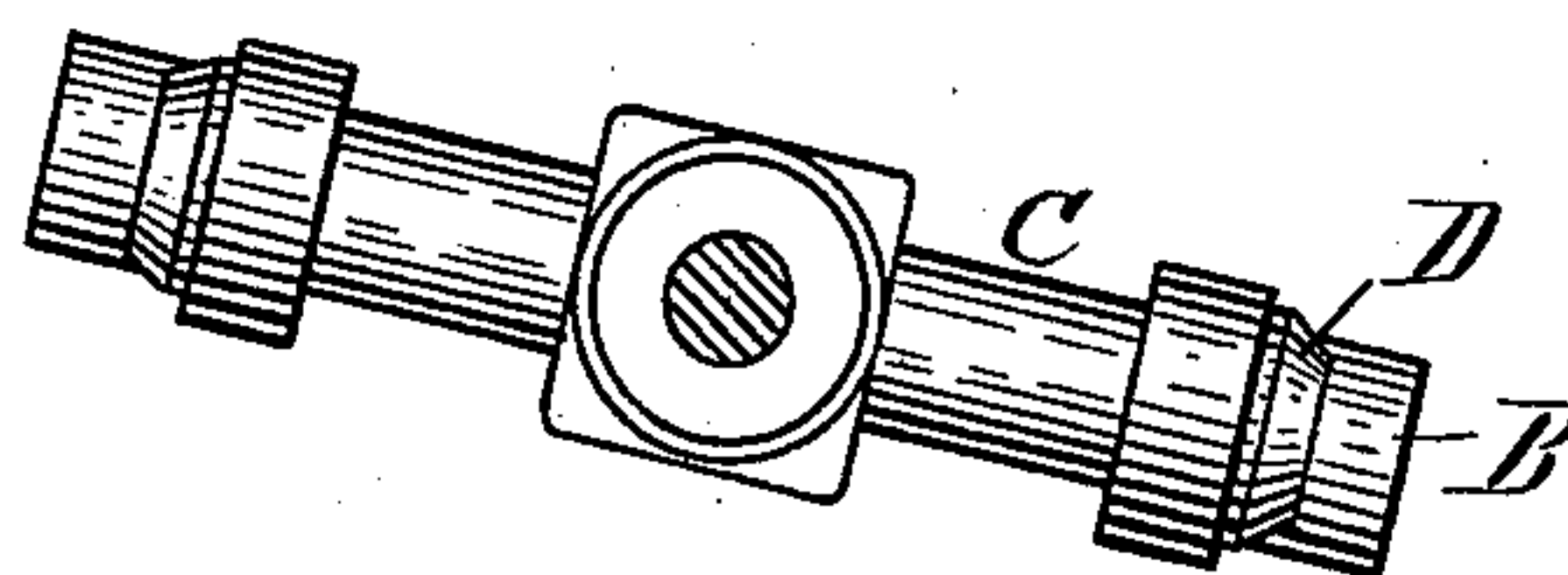


Fig. 3.

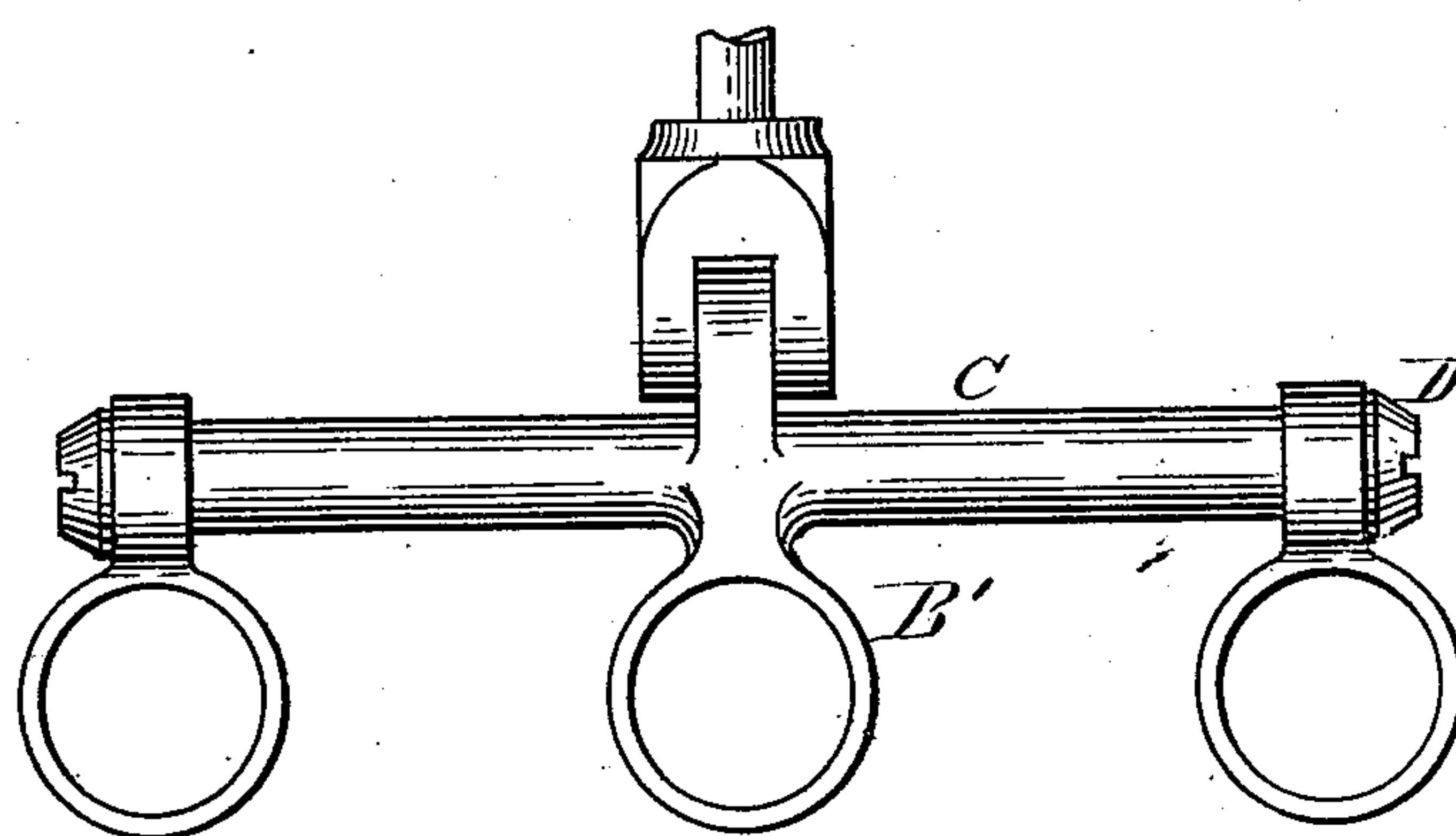


Fig. 4.

WITNESSES

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UNITED STATES PATENT OFFICE.

HENRY C. WEEDEN, OF QUINCY, MASSACHUSETTS.

PIPE-HANGER.

SPECIFICATION forming part of Letters Patent No. 545,561, dated September 3, 1895.

Application filed May 6, 1895. Serial No. 548,211. (No model.)

To all whom it may concern:

Be it known that I, HENRY C. WEEDEN, a citizen of the United States, residing at Quincy, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Pipe-Hangers, of which the following is a specification.

My invention relates to improvements in that class of devices used for suspending or supporting pipes from the ceilings or upon the walls of buildings; and its object is to improve the construction of such devices, as will be hereinafter more fully explained.

In the accompanying drawings I have represented at Figure 1 in front elevation; at Fig. 2 in side elevation, and at Fig. 3 in plan a device embodying my present improvements, and at Fig. 4 in front elevation a slight modification thereof, as will be hereinafter more fully explained.

Pipe-hangers as heretofore used have consisted, essentially, of an attaching-screw (represented at A) and a cross-bar connected thereto, this cross-bar carrying a plurality of rings, through which the pipe to be supported is passed. My invention relates specifically to improvements in the manner of constructing and combining these last-named parts.

It is important in practice to be able to obtain an adjustment or range of motion of the pipe-hanger itself relatively to the supporting-screw, which is of necessity fixed. As will be obvious, the conditions presented by particular instances occurring in different buildings and different situations in a building make it desirable that as large a range of such adjustment as possible should be obtained. Accordingly in constructing my improved pipe-hanger I secure the pipe-supporting ring B upon the cross-bar C so that it may be turned thereon and preferably completely around the same, as indicated by the dotted lines in Fig. 1. This construction permits of adjustment, as is obvious, and when the ring is in the desired position it may be locked in place upon the hanger by a clamping-screw D.

I may also obtain a further adjustment by making the connection between the cross-bar and the supporting-screw also a jointed or movable one, as indicated at E, it being evident that if the cross-bar can be swung as a whole with relation to the supporting-screw the supporting-rings, which are adjustable around the cross-bar, can have their center of motion changed. The compound adjustment, therefore, is in many cases desirable in addition to the simple adjustment of the hanger-ring on the cross-bar before explained.

In the modification of the device shown at Fig. 4 I have represented the cross-bar as provided with an additional supporting-ring B', made integral with the cross-bar itself, and consequently adjustable only in so far as the cross-bar may be adjusted with reference to the supporting-screw.

In the foregoing specification by the term "cross-bar" I have intended to designate such an extension of or attachment to the head of the supporting-screw proper as will receive and carry the pipe-supporting rings.

I claim—

1. In a pipe-hanger, the combination of a supporting device, a cross-bar attached thereto, a ring mounted on the cross-bar and adapted to rotate thereon in a plane at right angles to the length of the bar, and means for retaining the ring in its adjusted position, all substantially as described.

2. In a pipe-hanger, the combination of a supporting device, a cross-bar attached thereto, two rings mounted upon the cross-bar and adapted to rotate thereon independently of each other in planes at right angles to the length of the bar, and means for retaining the said rings in their adjusted positions, all substantially as described.

In testimony whereof I have hereunto subscribed my name this 3d day of May, 1895.

HENRY C. WEEDEN.

Witnesses:

H. L. COCHRANE,
EVERETT D. CHADWICK.