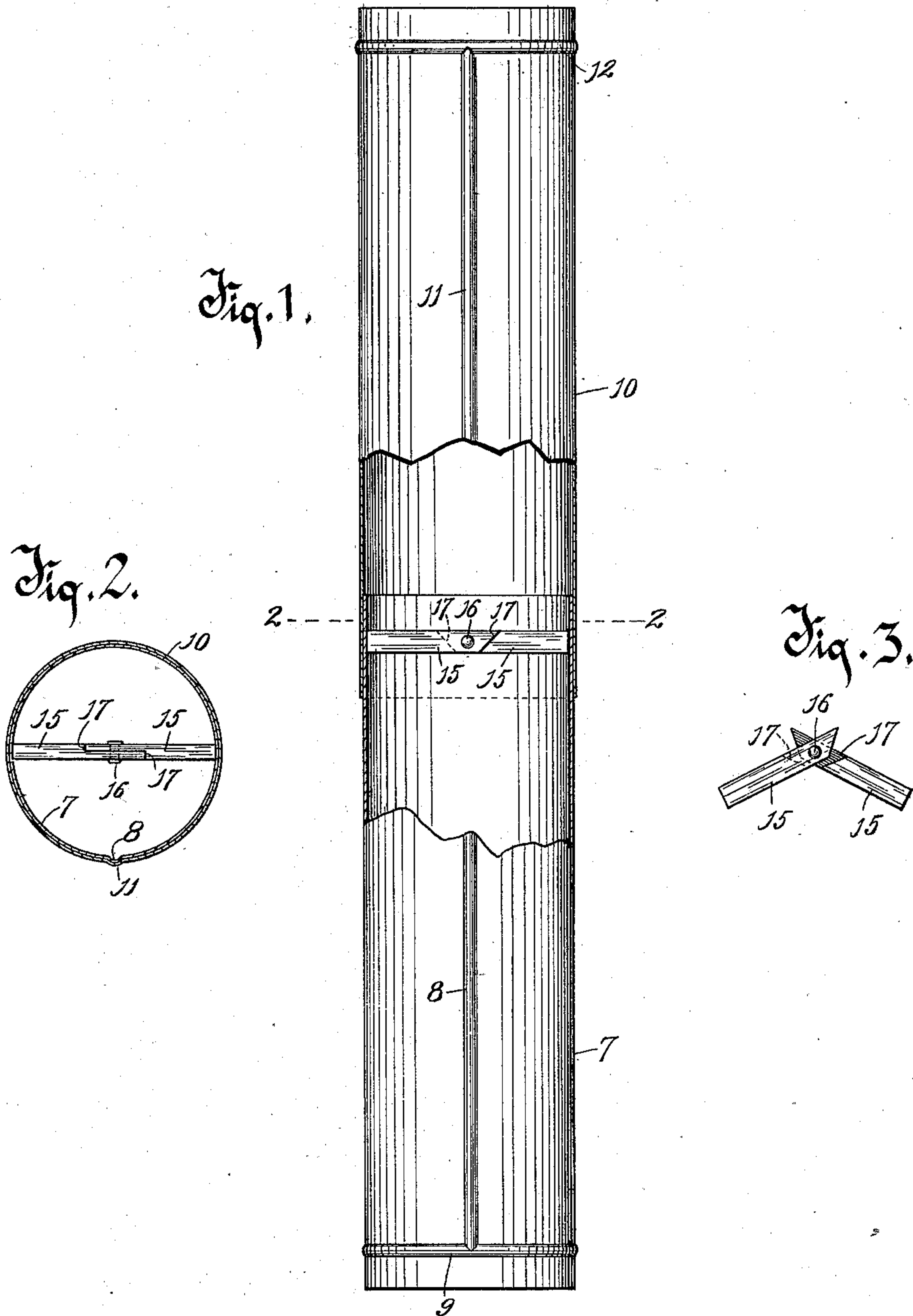


(No Model.)

C. A. DRUMM, A. KRAUS & H. GOEDJEN.
STOVEPIPE.

No. 559,442.

Patented May 5, 1896.



Witnesses.

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CHARLES A. DRUMM, ALEX KRAUS, AND HENRY GOEDJEN, OF MANITOWOC,
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STOVEPIPE.

SPECIFICATION forming part of Letters Patent No. 559,442, dated May 5, 1896.

Application filed May 31, 1895. Serial No. 551,144. (No model.)

To all whom it may concern:

Be it known that we, CHARLES A. DRUMM, ALEX KRAUS, and HENRY GOEDJEN, of Manitowoc, in the county of Manitowoc and State of Wisconsin, have invented a new and useful Improvement in Stovepipes, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

Our invention has relation to improvements in stovepipes.

The object is to provide, in connection with the sections of a stovepipe, an improved construction whereby, after the sections have been adjusted to bring the stovepipes to the proper length, said sections can be securely locked in adjusted position.

With the above primary object in view the invention consists of the devices and parts or their equivalents, as hereinafter more fully set forth.

Referring to the drawings, Figure 1 is an elevation of telescoping sections of a stovepipe embodying our invention. Fig. 2 is a transverse section on the line 2 2 of Fig. 1, and Fig. 3 is a detail view of the locking device.

Like numerals of reference denote like parts throughout the several views.

Referring to the drawings, the numeral 7 indicates an inner tubular section of pipe, which is provided longitudinally with a rounded bead 8. One end of this bead extends to the usual annular shoulder 9, which shoulder is located a slight distance from the end of the section, while the opposite end of the bead extends to the end of the section.

The numeral 10 indicates the outer tubular section of pipe, which is adapted to receive therein telescopically the upper end of the inner section. This part 10 is likewise provided with a rounded bead 11, the concave portion of which being adapted to receive the convex portion of bead 8, whereby the two sections are prevented from turning. The upper end of bead 11 terminates at an annular shoulder 12, somewhat removed from the upper end of section 10. It is advisable that one end of each of the beads terminates short of the section in order to provide for the succeeding section which is not provided with a

bead fitting around the end of its adjacent section without any open space being left.

The mechanism for holding the sliding sections to adjusted position consists of arms 15 15, pivoted together at the point 16. The inner end of each arm is recessed and a beveled shoulder 17 formed at the inner end of said recess, against which the beveled extremity of the arm bears when in the position illustrated in Fig. 2. This device is inserted within the sections, and when the arms are spread outwardly by downward pressure at the center the outer ends of said arms are forced against opposite points of the inner surface of the inner section 7, thereby pressing said section firmly against the outer section to hold said outer section to adjusted position and the beveled inner ends of the arms forced against the respective beveled shoulders of the recesses.

In the practical application of our invention preferably only two of the sections are constructed as herein shown and described, while the other sections may be secured together in the usual manner. If the outer section 10 constitutes the terminal section of the vertical length, and it is desired to connect to a horizontal branch running to the stovepipe-hole, it is obvious that the proper adjustment can be most conveniently and readily secured without the trouble of cutting lengths to accurately join the horizontal branch, and when adjusted the parts can be readily locked in adjusted position. It will be noticed that the inner section is smaller in circumference throughout its entire length than the outer section, thus making it possible to secure any desired extent of adjustment.

Having thus described our invention, what we claim, and desire to secure by Letters Patent, is—

In a stovepipe, the combination, with telescoping sections, of a device for holding said sections in adjusted position, the device consisting of arms, said arms having straight outer ends, and having recesses at their inner ends, said recesses fitting one within the other, the inner shoulders of the recesses being beveled, and the inner ends of the arms correspondingly beveled, and a pin pivoting the recessed ends of the arms together, said arms

adapted to be inserted within the telescoping
ends of the sections, and to be straightened
out by pressure, whereby the beveled inner
ends of the arms are forced against the re-
5 spective beveled shoulders of the recesses,
and the outer straight ends of the arms forced
against diametrically-opposite points of the
inner telescoping section, substantially as de-
scribed.

In testimony whereof we affix our signa- 10
tures in presence of two witnesses.

CHARLES A. DRUMM.
ALEX KRAUS.
HENRY GOEDJEN.

Witnesses:

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