No. 751,443. PATENTED FEB. 9, 1904.

A. N. ANTHES.

PIPE REST.

APPLICATION FILED AUG. 4, 1902.

NO MODEL.

Fig 1

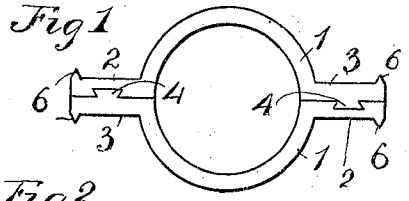


Fig 2

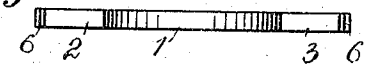


Fig 3

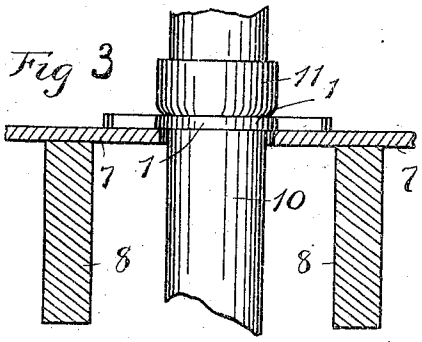


Fig 4

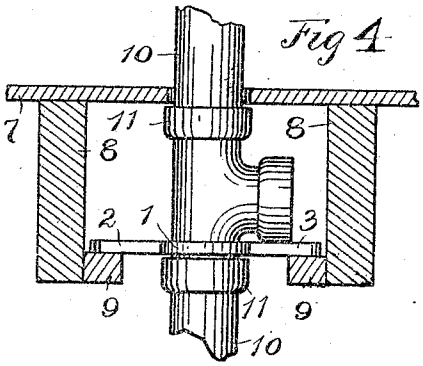


Fig 5

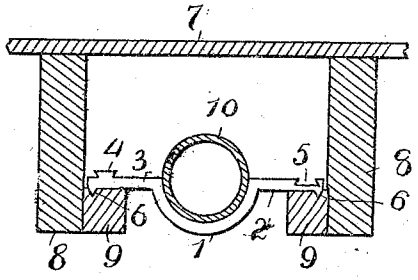


Fig 6

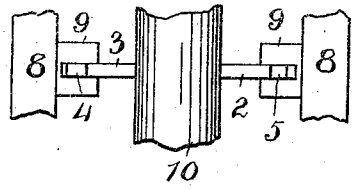
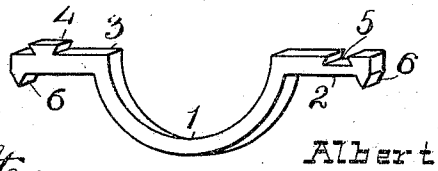


Fig 7



WITNESSES:

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No. 751,443. Patented February 9, 1904.

UNITED STATES PATENT OFFICE.

ALBERT N. ANTHES, OF KANSAS CITY, MISSOURI.

PIPE-REST.

SPECIFICATION forming part of Letters Patent No. 751,443, dated February 9, 1904.

Application filed August 4, 1902. Serial No. 118,276. (No model.)

To all whom it may concern:

Be it known that I, ALBERT N. ANTHES, a citizen of the United States of America, residing in Kansas City, in the county of Jackson and State of Missouri, have invented a new and useful Improvement in Pipe-Rests, of which the following is a specification, reference being had therein to the accompanying drawings, forming a part thereof.

My invention relates to improvements in pipe-rests.

The object of my invention is to provide a pipe-rest that can be readily applied to the pipes, such as waste-pipes, after they have been calked together.

My invention comprises a pipe-rest composed of two separable halves provided each with releasable means for securing the two halves together.

My invention comprises, further, a pipe-rest comprising two semicircular halves provided each with two diametrically opposite outwardly-extending arms, each arm being provided with a locking device adapted to engage with a locking device on the adjacent arm of the opposite member.

My invention provides, further, a novel form of pipe-rest member that may be used jointly in some instances with a similar member to support the piping, but which is adapted to be used singly in supporting horizontally-disposed piping.

My invention provides, further, certain novel features of construction hereinafter fully described and claimed.

In the accompanying drawings, which illustrate my invention, Figure 1 is an elevation view of the two members joined together. Fig. 2 is an edge view of the same. Fig. 3 is a side elevation view of a section of piping supported by one of the pipe-rests. Fig. 4 is a similar view to that shown in Fig. 3, the pipe-rest in this instance being placed below the floor, and showing the manner of supporting a section of piping having therein a T-joint. Fig. 5 is a vertical sectional view of a section of horizontal piping and a portion of the joists and flooring, the pipe-rest member being shown in side elevation. Fig. 6 is a top view of what is shown in Fig. 5, the flooring being removed. Fig. 7 is a perspective view of one of the pipe-rest members.

Similar characters of reference indicate similar parts.

The pipe-rest comprises two members, (indicated each by 1.) The two members are duplicates and comprise each a semicircular body provided with two diametrically opposite outwardly-extending arms 2 and 3, respectively. The arm 2 of one member is adapted to fit against the arm 3 of the other member, and the arm 3, in the form shown in Fig. 1, is provided on the side adjacent to the arm 2 of the other member with a transverse dovetail-shaped projection 4, adapted to be fitted in a correspondingly-shaped recess 5 in the adjacent arm 2 of the opposite member. A sharpened projection 6 is provided at the outer end of each arm on the side opposite or away from the opposing member.

7 denotes the flooring, 8 the joists, and 9 cleats secured upon the inner sides of the joists for supporting the members.

In placing the pipe-rest in position when used as shown in Fig. 3 the pipes 10 are first placed in position in an opening provided in the flooring 7. One member 1 is slipped under the bell 11 of the adjacent joint of piping and permitted to rest in a horizontal position on the flooring with its concave side embracing the joint. The other member 1 is then applied to the joint upon the opposite side thereof and having its projection 4 fitted into the recess 5 of the opposite member, the projection 4 of which is at the same time fitted into the adjacent recess 5 of the first-named member. To permit the slipping together of the members, the pipe-joint may be slightly raised. In addition to providing means for securing the members 1 to each other the arms thereof serve to support the piping 10 upon the flooring in cases where the hole through which the pipe extends is larger than the circular part of the pipe-rest.

In Fig. 4 the pipe-rest is shown supporting piping provided with a T-joint placed immediately under the flooring 7. In this case the pipe-rest is applied in the same manner to the pipe and directly below the lateral arm of the T. Cleats 9 are secured to the sides of

the joists 8 to support the arms 2 and 3 of the pipe-rest.

In Fig. 5 is shown how a single member is used to support a piece of horizontal piping placed below the flooring. In this case the member 1 employed is placed at right angles to the position shown in Figs. 3 and 4, with the concave side up and embracing the under side of the pipe 10. The arms 2 and 3 are placed upon the upper sides of cleats 9, secured to the sides of the joists 8. The projections 6 on the under sides, respectively, of the arms 2 and 3 are forced into the wooden cleats, and thus prevent movement of the member 1 lengthwise of the pipe 10. The member 1 may be conveniently made by casting from iron, brass, or other suitable material.

My invention is capable of other modifications without departing from its spirit.

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

1. A pipe-rest member comprising a semicircular body having diametrically opposite outwardly-extending arms, one of the arms on the concave side of the body being provided with a dovetail-shaped projection disposed transversely on the arm, the opposite side of the said arm having a lateral projection, and the other arm being provided on the concave side of the body with a dovetail-shaped transverse recess, the opposite side of the latter-named arm being provided with a lateral projection, substantially as described.

2. A pipe-rest member comprising a body having one portion concave on one side and convex on the opposite side and provided with two diametrically opposite arms, the arms each being provided on the convex side of the member with a lateral projection 6, and one arm being provided on the concave side of the member with a dovetail-shaped projection 4, the other arm being provided on the concave side of the member with a similarly-shaped recess 5, substantially as described.

3. A pipe-rest member comprising a body having a semicircular-shaped recess in one side and provided with two diametrically opposite arms the inner sides of which are in the same plane as the diameter of the semicircular recess, the said side of one arm being provided with a dovetail-shaped recess, the other arm having on the same side a similar-shaped projection disposed at the same distance from the center of the semicircular recess as the dovetail recess, the outer side of each arm being provided with a sharpened projection.

4. A pipe-rest comprising two members, each member comprising a body one side of which is provided with a semicircular concavity, the body having diametrically opposite outwardly-extending arms, one of the arms on the concave side of the body being provided with a dovetail-shaped projection disposed transversely on the arm, the opposite side of the said arm having a lateral projection, and the other arm being provided on the concave side of the body with a dovetail-shaped transverse recess, the opposite side of the latter-named arm being provided with a lateral projection, the said dovetail-shaped projection on each of the two members being adapted to fit into the dovetail-shaped recess of the opposite member, substantially as described.

In testimony whereof I have signed my name to this specification in presence of the two subscribing witnesses.

ALBERT N. ANTHES.

Witnesses:
WARREN D. HOUSE,
R. E. HAMILTON.