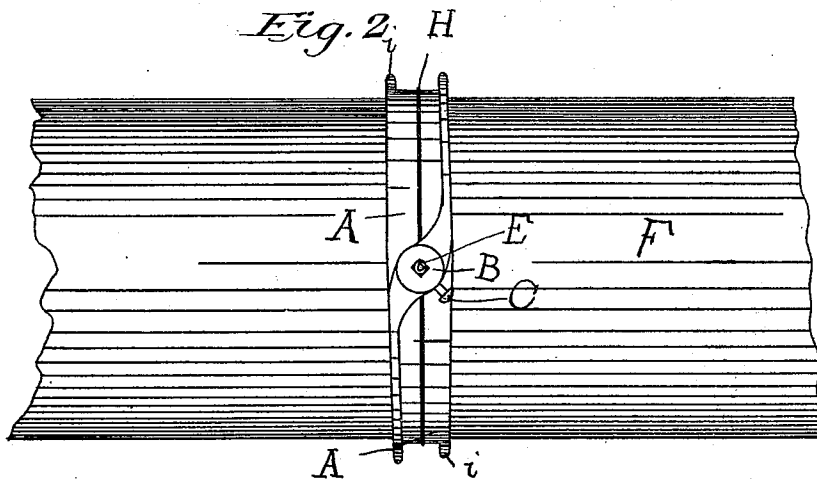
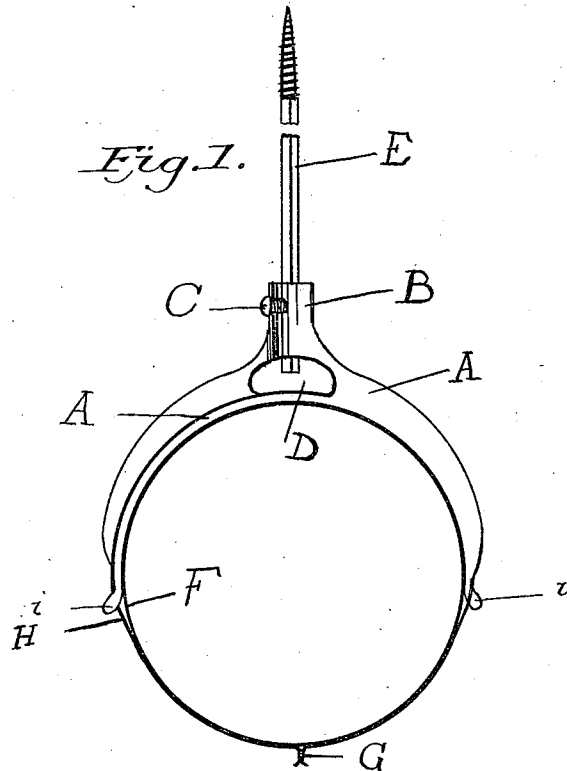


(No Model.)

E. G. MINNEMEYER.
PIPE HANGER.

No. 512,257.

Patented Jan. 2, 1894.



Witnesses.

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UNITED STATES PATENT OFFICE.

EDWARD G. MINNEMEYER, OF PEORIA, ILLINOIS.

PIPE-HANGER.

SPECIFICATION forming part of Letters Patent No. 512,257, dated January 2, 1894.

Application filed February 13, 1893. Serial No. 462,218. (No model.)

To all whom it may concern:

Be it known that I, EDWARD G. MINNEMEYER, a citizen of the United States, residing at Peoria, in the county of Peoria and State of Illinois, 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.

My invention relates to certain new and useful improvements in pipe hangers by means of which a hanger is provided being simple in construction, durable and cheap in first cost.

More particularly my invention relates to a pipe hanger adapted generally for attachment to long stretches of pipe whether stove pipe, steam pipe or other pipes requiring a firm support and may be adapted to any particular application in connection with pipes that may be desired, the construction and formation of the said hanger being such that any length of reach may be made a part thereof, and it may be made in sizes to suit any application that may be desired.

My invention consists essentially of a semi-circular piece of iron or other suitable material formed with curved arms and oppositely raised edges, the perforated stem and adjustable bar designed to be carried in the perforated stem and of a securing wire designed to be carried around the outer surface of the semi-circular piece or inclosing arms, and around the pipe with which the hanger is connected and to be twisted together or rather the ends thereof to draw the hanger and pipe in close contact each with the other to hold the same in firm adjustment.

That my invention may be more fully understood, reference is had to the accompanying drawings, in which—

Figure 1 is a front view showing the hanger attached. Fig. 2 is a top view showing the hanger attached to a pipe.

In the figures, F represents a pipe to which the hanger is attached.

A, A are the respective arms of the circular piece.

B, is the perforated stem.

C is a small screw carried in the stem.

D is a diagonal opening between the two raised edges of the inclosing arms immediately below the stem B, and permits the passage through of the wire.

E, is a bar carried in the perforation in the stem B and is designed for a reach and is secured within the said stem by means of the screw C.

i, i are ears upon the respective extremities of the arms A, A and in opposite adjustment thereon to the said raised edges, and are purposed to assist in connection with the said raised edges in the holding of the wire in proper place to prevent its slipping off from the arm.

H is the wire, the ends thereof being designed to be twisted together as at G.

The application of the device is simple and apparent. The size of the hanger or the circular piece thereof consisting of the arms being such as to conform with the size of the pipe desired to be secured, it is placed over the same in manner shown and the wire H is passed around and over the outer surface of the semi-circular piece, and over and around the pipe in the manner shown and the ends thereof are twisted together to draw the pipe and circular piece in close contact to securely hold the same to prevent its turning or slipping; the desired length of reach being provided and attached to a support, as for instance the ceiling of a room, the depending end thereof is inserted within the perforation in the stem B, and the screw C is screwed against the same to firmly hold the parts together. A still further and probably more practical means of application would be to unite the circular piece and the stem and before attaching the hanger to the pipe by the aid of the circular piece or a hold upon the arms thereof, the same may be screwed firmly in position, thus using the arms or the circular piece as a sort of a wrench, and after the hanger or hangers have been so secured, the pipe may be adjusted and secured in manner previously described.

The advantages possessed in the use of my hanger are apparent as it will readily be seen that a firm adjustment may be had, which is very much to be desired in pipe supports. The common expedient adopted to secure

pipes in position is to wrap them with wire and attach the extremities thereof to nails or hooks which is both unsightly and unsafe, as it is impossible to so wrap the wires upon the pipe as to prevent either the whole stretch of pipe from slipping therein or the respective joints thereof from becoming separated because of jars, expansion or contraction, or other causes, while in the use of this hanger it will be seen that it is possible to attach the hanger to the pipe securely and the rigidity of the support will prevent any movement in the direction of the length of the pipe, so that I have in this invention provided a firm, durable and cheap support adapted for special and general use.

I have a patent upon a pipe hanger embodying some of the parts used in connection with this invention which case is numbered 489,083, issued January 3, 1893, but the same differs from my present invention in that the attaching stem is detachable instead of integral with the circular piece and in some other minor details of construction and

I do not think that it could be construed to anticipate this my present invention.

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

In a pipe hanger, the combination, of the threaded reach E, the semi-circular piece formed with the arms A, A the oppositely adjusted raised edges, the ears *i, i* and the perforated stem B, provided with set screw C and the wire H carried around the said semi-circular piece upon the outer surface thereof and between the respective raised edges and ears and around the pipe and the ends thereof twisted together as shown to draw the said pipe and semi-circular piece in close contact and firm adjustment, all substantially as described and set forth.

In testimony whereof I affix my signature in presence of two witnesses.

EDWARD G. MINNEMEYER.

Witnesses:

W. V. TEFFT,
JOSIE TEFFT.