N. J. WHEELER.

PIPE HANGER.

APPLICATION FILED MAY 9, 1919.

1,315,890. Patented Sept. 9, 1919.

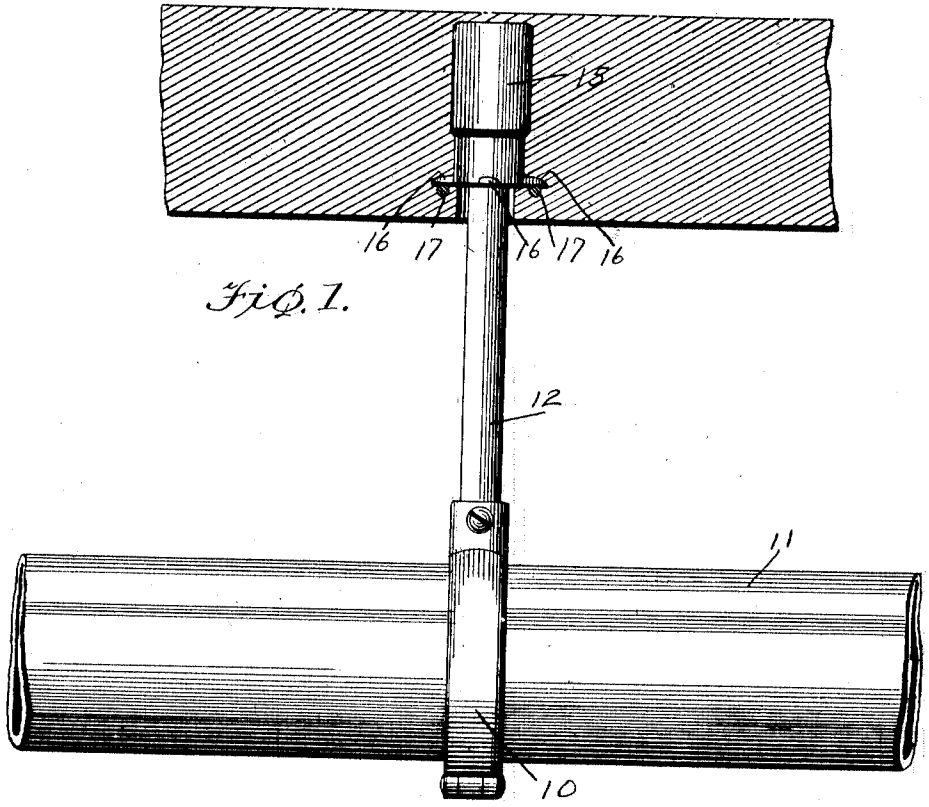


Fig. 1.

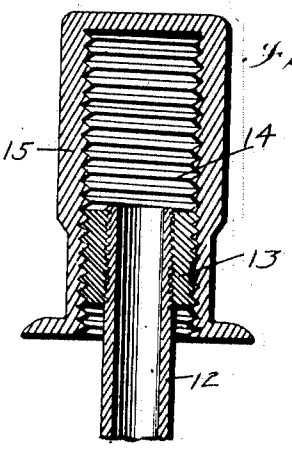


Fig. 2.

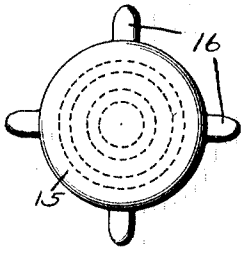


Fig. 3.

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PIPE-HANGER.

1,315,890. Specification of Letters Patent. Patented Sept. 9, 1919.

Application filed May 9, 1919. Serial No. 295,844.

To all whom it may concern:

Be it known that I, NORBURT JOSEPH WHEELER, a citizen of the United States, and a resident of La Fayette, in the county of Tippecanoe and State of Indiana, have invented certain new and useful Improvements in Pipe-Hangers, of which the following is a specification.

My present invention relates generally to pipe hangers, and more particularly to adjustable pipe hangers, my object being the provision of a construction wherein vertical adjustment of a pipe hanger may be provided for in a simple and convenient manner so that suspended pipes carried thereby may be either leveled or the desired slope thereof brought about.

The means proposed by my invention for carrying out these objects will be now described in connection with the accompanying drawing which forms a part of this specification, and in which:

Figure 1 is a side view illustrating the practical application of my invention.

Fig. 2 is a vertical section through the anchor and the adjusting means, and

Fig. 3 is a top plan view of the anchor member.

Referring now to these figures, my invention proposes the use of certain means in connection with pipe hangers which as usually employed, include a clamp 10 which surrounds a pipe 11 to be suspended, and a hanger arm 12 to the lower end of which the clamp 10 is secured.

In accordance with my improvement, the upper end of the hanger arm 12 is given the usual pipe thread, and an adjusting ring 13, as best seen in Fig. 2, is employed, the inner surface of which is threaded to screw upon the threads of the hanger arm 12.

The outer surface of the adjusting ring 13 is provided with machine threads to coöperate with the threads 14 of the bore of a cylindrical anchor 15 in the form of a socket, into the lower end of which the ring 13 is screwed after its application upon the threaded end of the hanger arm 12.

The anchor member or socket 15 is closed at its upper end, as seen particularly in Figs. 2 and 3, and is preferably provided adjacent its lower open end with outstanding lugs or pins 16, by means of which it may be initially seated in the false work or frame work of a building, as for instance by means of nails and the like 17, as seen in Fig. 1, extending beneath the lugs or pins 16 in order to hold the anchor member or socket 15 in place while for instance concrete is being poured and set therearound.

It is obvious that after the anchor member has been thus located within the structure of the building, the hanger arm 12 may be readily adjusted by virtue of the working of the machine threads of the ring 13 within the similar machine threads 14 of the anchor member and adjustment is provided for the hanger arm through the full movement of the ring 13 in traversing the bore of the anchor member.

It is furthermore obvious that with an anchor member and adjusting ring as proposed by my invention, it is simply necessary to cut the hanger arm 12 as usual and run the ordinary pipe threads upon one end thereof, for the reception of the adjusting ring, and the necessity is avoided in this way of calculating the exact required length of the hanger arm so that the same may be accurately cut, as is required under the present practice.

I claim:—

1. A pipe hanger including a pipe engaging and supporting arm, threaded at one end, an externally and internally threaded adjusting ring, the inner threads of which are engageable with the threads of said arm, and an anchor member having a lengthwise threaded bore within which the said ring is adjustable, the external threads of the ring coöperating with the threads of the anchor member.

2. A pipe hanger including a pipe engaging and supporting arm having pipe threads at one end, an adjusting ring having internal pipe threads for engagement with the threads of the said arm and provided with outer machine threads, and an anchor member having a longitudinal bore provided with machine threads for engagement by and coöperation with the outer machine threads of the adjusting ring.

3. A pipe hanger including a pipe supporting arm threaded at one end, an externally and internally threaded ring, the inner threads of which engage the threads of the said arm, and an anchor member having external projections and provided with a threaded bore, the threads of which correspond to the outer thread of the said adjusting ring.

NORBURT JOSEPH WHEELER.

Witnesses:
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."