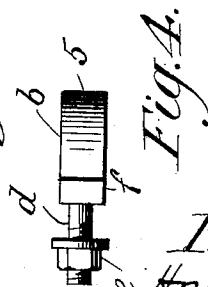
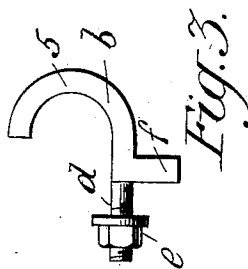
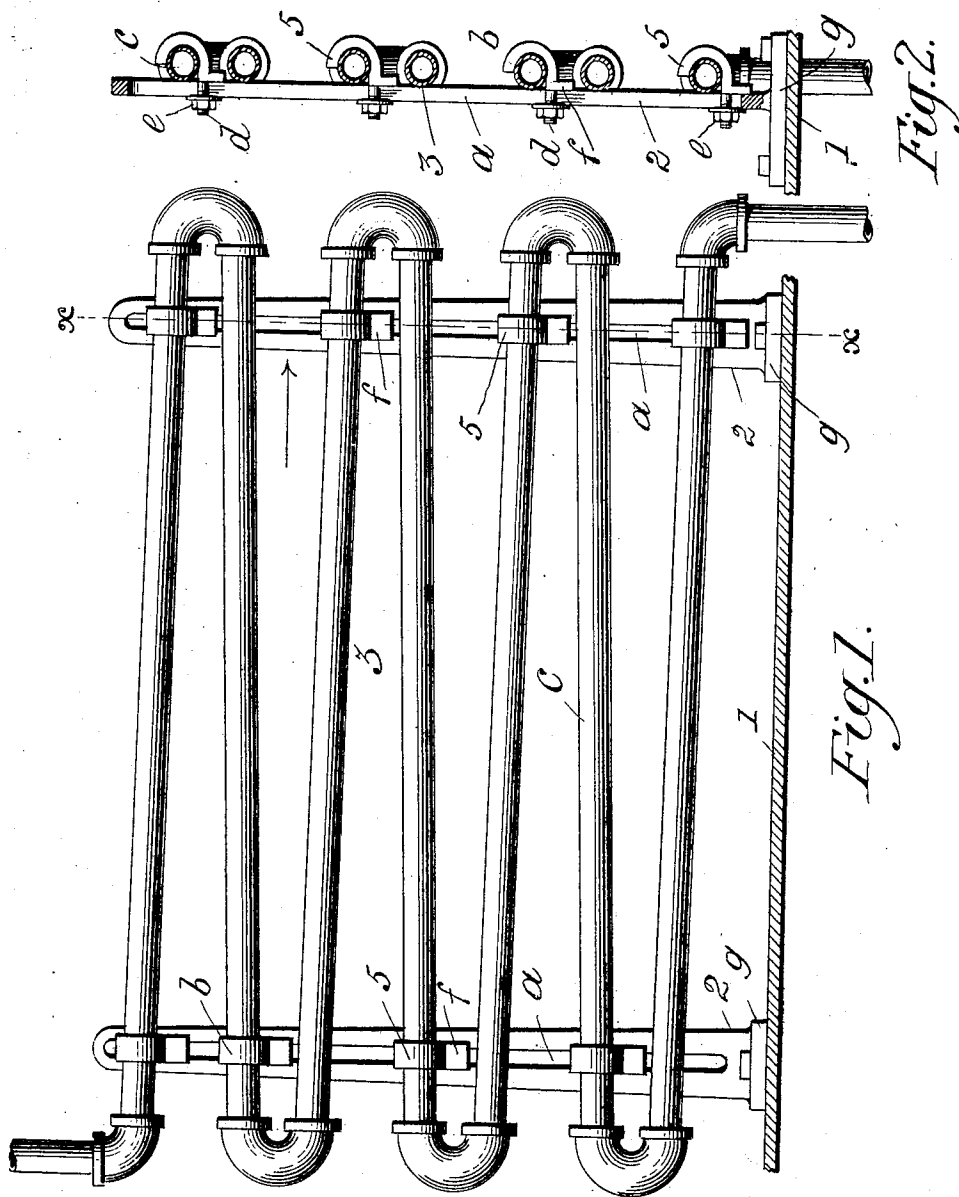


No. 826,300.

PATENTED JULY 17, 1906.

H. L. WILSON.
PIPE RACK.

APPLICATION FILED OCT. 28, 1904.



Witnesses:
M. Barton,
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att'y.

UNITED STATES PATENT OFFICE.

HOWARD L. WILSON, OF BALTIMORE, MARYLAND.

PIPE-RACK.

No. 826,300.

Specification of Letters Patent.

Patented July 17, 1906.

Application filed October 28, 1904. Serial No. 230,317.

To all whom it may concern:

Be it known that I, HOWARD L. WILSON, of the city of Baltimore and State of Maryland, have invented certain Improvements in Pipe-Racks, of which the following is a specification.

This invention relates to an improved rack for supporting gangs of pipes in which the longitudinal pipes vary in angle of inclination, as will hereinafter fully appear.

In the further description of the said invention which follows reference is made to the accompanying drawings, forming a part hereof, and in which—

Figure 1 is a front view of the improved rack, and Fig. 2 a section taken on the dotted line *xx* on Fig. 1 and looking in the direction indicated by the arrow. Fig. 3 is an enlarged side view of one of the hangers used in the rack, and Fig. 4 an under side view of the same.

Referring now to the drawings, 1 is the floor of a building upon which the pipe-rack is erected.

2 2 are stands, generally secured to the floor 1 and separated so as to be near the ends of the gang of pipes, which as an entirety is denoted by 3. The stands are each provided with a slot *a* for the reception of the hangers 5. The said hangers consist of bars *b*, curved to practically fit the longitudinal pipes *c* of the gang, each having a threaded extension *d* at one end, adapted to pass through the slots *a* and receive a tightening-nut *e*, and a lug *f*, which as the nut *e* is tightened is drawn in contact with the face of the stand.

It will be understood that the hangers may be placed in any part of the slot *a*, so

that a rack having, say, two stands, as shown in the drawings, and provided with a suitable number of loose hangers may be used for gangs embracing longitudinal pipes of any angle of inclination within reasonable bounds.

Each stand is shown as having a double foot *g*; but where a rack has to be situated close to a wall or partition the stands may be cast with a single foot or one at the front side only.

In the practical operation of this invention the stands are set up and the gang placed in position and temporarily held thereat, when the hangers are applied and secured with their lugs in contact with the face of the stands by means of the nuts *e*. It will be understood that in setting up the nuts of the hangers the pipes cannot be indented or crushed, for the reason that the strain is upon the lugs which are brought in contact with the face of the stands and not upon the pipes.

I claim as my invention—

In a pipe-rack, the combination of a vertical longitudinally-slotted stand, with a plurality of hangers each of which consists of a semicircular bar, a threaded extension extending through the slot in the stand, a lug adapted to bear against the stand and a nut adapted to engage said extension and to draw the lug into contact with the stand, each hanger being adapted to secure a pipe to the stand and to prevent the same from vertical and lateral movement.

HOWARD L. WILSON.

Witnesses:

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