A. SEIDEL.

RADIATOR HANGER.

APPLICATION FILED AUG. 24, 1908.

950,494. Patented Mar. 1, 1910.

Fig. 1.

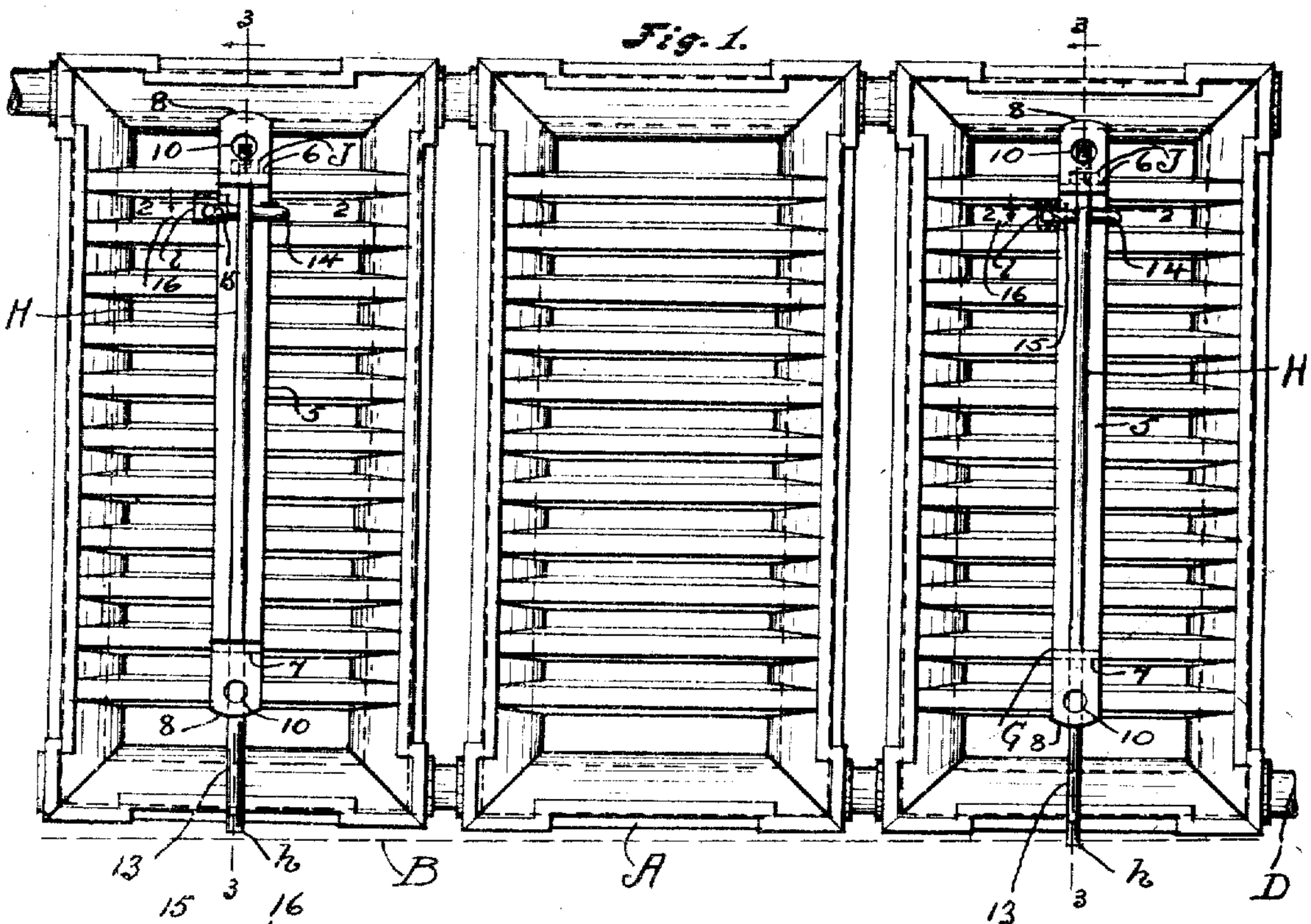



Fig. 2.

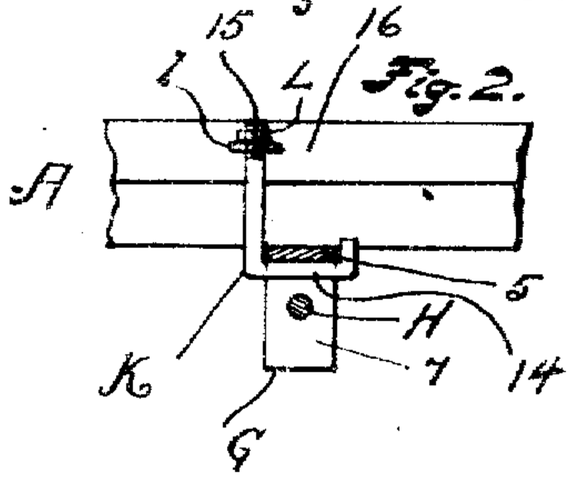
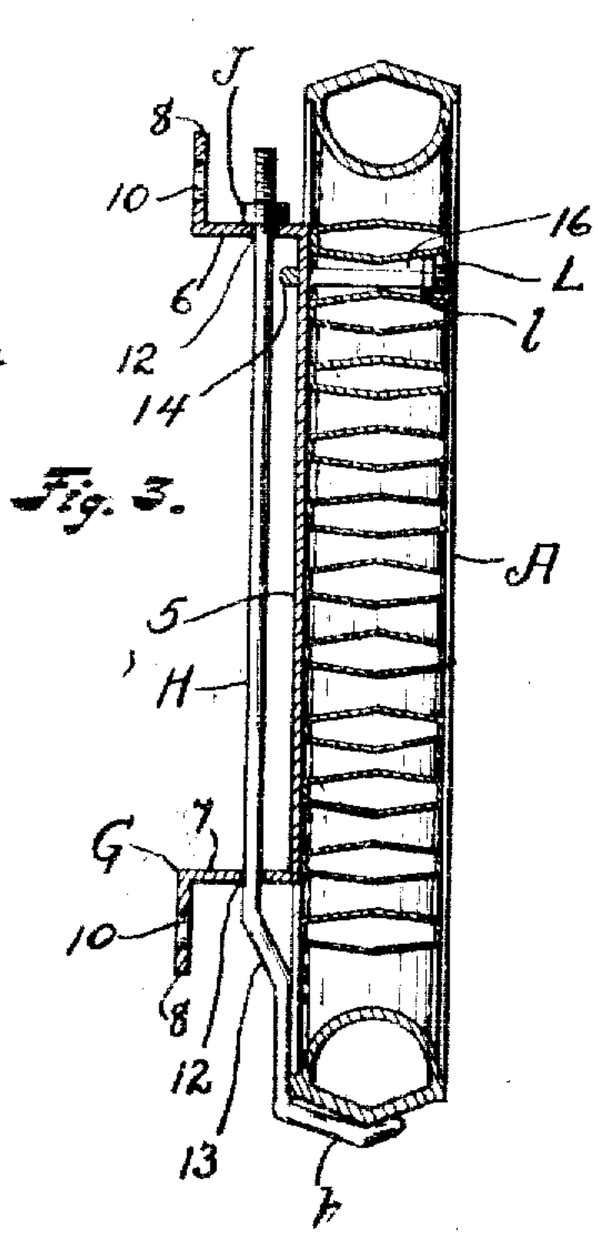



Fig. 3.

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# UNITED STATES PATENT OFFICE.

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## RADIATOR-HANGER.

950,494. Specification of Letters Patent. Patented Mar. 1, 1910.

Application filed August 24, 1908. Serial No. 450,017.

*To all whom it may concern:*

Be it known that I, ALBIN SEIDEL, a citizen of the United States of America, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Radiator-Hangers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

This invention relates to improvements in hangers for wall-radiators.

One object of this invention is to provide hangers whereby a radiator may be supported from a wall and adjusted so that the radiator will be held slightly inclined to a horizontal plane to render the radiator perfectly drainable.

Another object is to produce a radiator-hanger comprising a metal bracket adapted to be rigidly secured to a brick or fire proof wall of a building and provided with a seat which is instrumental in carrying a radiator and adjustable vertically independently of the said bracket.

Another object is to provide a hanger which is simple in construction and readily applied.

With these objects in view, this invention consists in certain features of construction, and combinations of parts, hereinafter described, pointed out in the claims, and illustrated in the accompanying drawings.

In the said drawings, Figure 1 is a rear side view of a radiator and illustrates the application of my improved hanger to the radiator. Fig. 2 is a horizontal section on either line 2—2, Fig. 1, looking downwardly. Fig. 3 is a section on either line 3—3, Fig. 1, looking in the direction indicated by the arrow.

Referring to the drawings, A indicates a radiator which is to be so supported from a wall as to cause the radiator to be slightly inclined to a horizontal plane indicated by the dotted line B.

D represents the fluid-outlet in draining the radiator, which outlet is low enough when the radiator is arranged slightly inclined to a horizontal plane to render the radiator perfectly drainable.

The radiator A is supported from a plurality of hangers embodying my invention, which hangers each comprise a metal bracket G which consists preferably of a vertically arranged central member 5 extending up and down the rear side of the radiator and two end members 6 and 7 arranged substantially horizontally and projecting rearwardly from the upper end and lower end respectively of the central member 5. Each end member of the bracket G is provided at its rear end with a substantially vertically arranged flange 8 which has a hole 10 extending substantially horizontally therethrough for the reception of a bolt or other device (not shown) to be employed in securing the hanger to the wall (not shown) from which the radiator is to be supported. Each end member of the bracket G has a hole 12 extending substantially vertically therethrough and arranged in line endwise with the hole 12 in the other end member of the said bracket, and an upright metal rod H extends through the said holes and a suitable distance above the upper end member 6 of the bracket and below the lower end member 7 of the bracket. The rod H is offset forwardly, as at 13, below the lower end member 7 of the bracket, and the lower and forwardly offset lower end-portion of the said rod terminates in a hook *h* which extends under and forms a seat or support for the radiator. The upper end-portion of the rod H is screw-threaded, and a correspondingly threaded nut J is mounted on the said end-portion of the rod next above and rests upon the upper end member 6 of the bracket. The hook *h*, and consequently the radiator, is supported from the upper end member 6 of the bracket, and by properly manipulating the nut J the rod H and consequently the radiator are adjusted vertically as desired.

By the construction hereinbefore described it will be observed that my improved radiator-hanger comprises a vertically adjustable seat or support for a radiator which is to be supported from a wall.

As already indicated, a plurality of my improved hangers are employed in supporting a radiator from a wall, which hangers are spaced laterally. Fig. 1 shows two of my improved hangers applied to a radiator, and obviously by a proper manipulation of the nuts J on the rods H of the hangers the radiators can be adjusted at any desired in-

cline to a horizontal plane so as to cause the radiator to be properly drainable at its outlet D.

It will be observed that in applying my improved hanger to the wall the hanger, should it have been placed too low or too high, does not have to be removed and reapplied because the radiator-bearing seat of the hanger is adjustable vertically independently of the said bracket.

Preferably the radiator is attached to the bracket of my improved hanger to prevent forward tipping or displacement of the radiator upon the hook or seat *h* supported from the said bracket, and the means preferably employed for thus attaching the radiator to the said bracket consists of a hook-bolt K which has a hook or lip 14 overlapping the rear side of the central member 5 of the bracket and has its shank 15 extending forwardly through an air-space 16 which extends forwardly and rearwardly through the radiator and is gradually enlarged toward the forward side of the radiator. The shank of the bolt is screw-threaded at the free end of the shank, and a correspondingly threaded nut L is mounted on the shank within the forward portion of the air-space 16, and a washer *l* is mounted on the said shank at the inner end of the nut and abuts against the forwardly diverging forward portions of the top and bottom walls of the said air-space.

What I claim is:—

1. A hanger for a wall radiator comprising a series of brackets, each having a central member and horizontal end members provided with holes placed in alinement and vertically extended portions provided with openings for securing the same to a wall, a rod movable in said holes, said rod being screw-threaded at its upper end, a nut on said screw threaded end for adjusting said rod vertically, said nut being supported on the upper horizontal end member, the rod aforesaid being also offset below the lower horizontal end member, flush with the central member and terminating in a hook for supporting a radiator and means for holding said radiator against the central member and said offset portion.

2. A hanger for wall radiators comprising a bracket having a central member, and horizontal end members projecting therefrom provided with vertically extended portions for attachment to a wall, a rod movable in holes in the horizontal end members and adjustably supported from the upper end member, said rod having an offset lower portion flush with the central member aforesaid and terminating in a radiator seat and a hook-bolt passing through the radiator for securing the radiator in engagement with the central member the hook of said hook-bolt being adapted to engage said central member of the bracket.

3. A hanger for wall radiators comprising a bracket adapted to be secured to a wall a rod slidable in said bracket, means independent of the bracket for adjusting said rod vertically thereof, said rod terminating in a radiator seat at its lower end and a hook-bolt passing through the radiator and engaging said bracket and adapted to secure a radiator thereto.

In testimony whereof, I sign the foregoing specification, in the presence of two witnesses.

ALBIN SEIDEL.

Witnesses:
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