

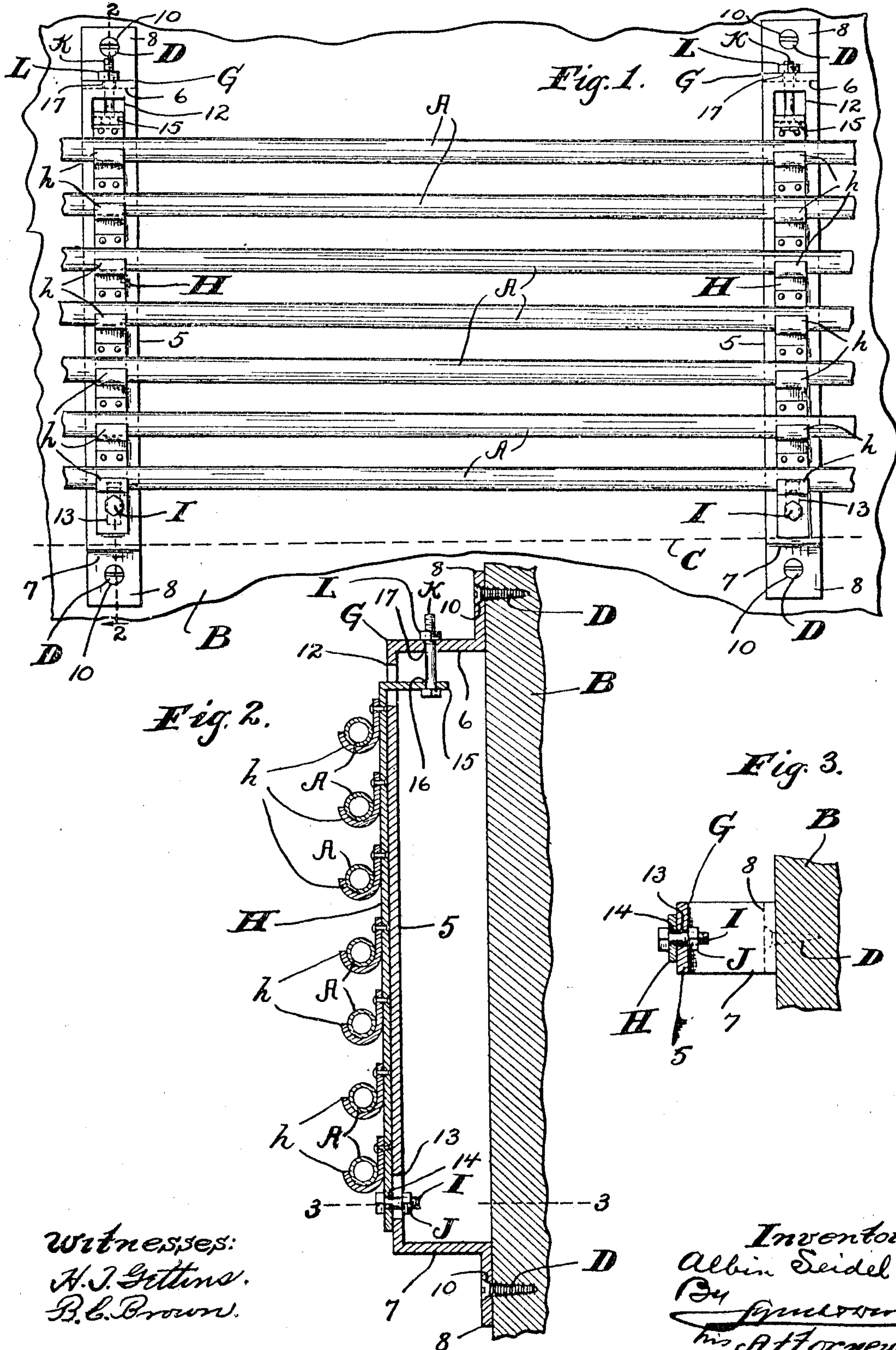
A. SEIDEL.

RACK OR HANGER FOR PIPES, POLES, RODS, AND OTHER OBJECTS.

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UNITED STATES PATENT OFFICE.

ALBIN SEIDEL, OF CLEVELAND, OHIO, ASSIGNOR TO THE BECKER-SEIDEL COMPANY,
OF CLEVELAND, OHIO, A CORPORATION OF OHIO.

RACK OR HANGER FOR PIPES, POLES, RODS, AND OTHER OBJECTS.

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Specification of Letters Patent.

Patented Mar. 1, 1910.

Continuation of abandoned application Serial No. 453,718, filed September 19, 1908. This application filed
December 4, 1909. Serial No. 531,423.

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 Racks or Hangers for Pipes, Poles, Rods, and other Objects; and I 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 racks or hangers suitable for use in supporting pipes, poles, rods and other objects from a wall of a room or building.

The primary object of this invention is to provide racks or hangers whereby pipes employed in forming a wall-radiator may be supported from a wall and adjusted so that the radiators to be formed will be held slightly inclined to a horizontal plane to render the radiator perfectly drainable.

Another object is to provide a rack or hanger of the character indicated 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 forward side view showing vertically spaced pipes supported from a wall by hangers embodying my invention. Fig. 2 is a vertical section on line 2—2, Fig. 1, looking in the direction indicated by the arrow. Fig. 3 is a horizontal section on line 3—3, Fig. 2, looking downwardly.

Referring to the drawings, A indicates several approximately horizontally arranged vertically spaced pipes which may be connected together at the ends in any approved manner to form a radiator and are to be so supported from a wall B as to cause them to be slightly inclined to a horizontal plane indicated by the dotted line C. The pipes A are shown borne by a plurality of hangers embodying my invention, which hangers each comprise a bracket G which consists preferably of a vertically arranged central member 5 extending up and down the rear sides of the pipes and two end members 6 and 7 arranged 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 vertically arranged flange 8 which has a hole 10 extending horizontally therethrough for the reception of a securing device, such, for instance, as a screw D, employed in attaching the hanger to the wall B from which the pipes A are to be supported.

An upright bar H is arranged vertically at and extends up and down the forward side of the central member 5 of the bracket G. The said bar is provided at its forward side with vertically spaced hooks *h* arranged to form seats for the different pipes A respectively. The bar H is adjustable vertically as will hereinafter appear.

The central member 5 of the bracket G is provided with two vertically spaced slots 12 and 13 extending forwardly and rearwardly through the upper end-portion and lower end-portion respectively of said central member. The upper slot 12 is arranged above the uppermost of the hooks *h* but below the upper end member 6 of the bracket. The lower slot 13 is arranged below the lowermost of the hooks *h* but above the lower end member 7 of the bracket.

Means for securing the bar H in the desired adjustment of the bar to the central member 5 of the bracket G are provided and preferably comprise a bolt I and a nut J. The bar H is provided in its lower end-portion and forward of the lower slot 13 with a bolt-hole 14 which extends forwardly and rearwardly through the bar and is engaged by the shank of the bolt I which is arranged with its head abutting against the forward side of the bar. The shank of the bolt I extends through the hole 14 and through the slot 13, and the nut J is mounted on the said shank at the rear side of the central member 5 of the bracket G and overlaps the said side of the said member of the bracket at the sides of the said slot. Obviously the bar H is clamped to the forward side of the bracket-member 5 upon tightening the nut J and rendered free to be readjusted vertically upon loosening the said nut.

The bar H is provided at its upper end with a substantially horizontally arranged flange 15 which projects rearwardly through the upper slot 12 and under the upper end

member 6 of the bracket G and is suitably spaced from the said end member of the bracket and provided rearward of the central member 5 of the bracket G with a bolt-hole 16 which extends vertically through the said flange and is arranged in line endwise with the bolt-hole 17 formed in and extending vertically through the said end member of the bracket. A bolt K extends through the bolt-holes 16 and 17 and is arranged with its head abutting against the under side of the flange 15, and a nut L is mounted on the shank of the said bolt next above and rests upon the said upper end member of the bracket.

The slots 12 and 13 in the central member 5 of the bracket G extend longitudinally of the bracket and are of course large enough in dimensions vertically and have the arrangement required to accommodate the desired vertical adjustability of the bar H. When the nut J is loosened the bar H is rendered free to be readjusted vertically as already indicated, whereupon by a proper manipulation of the nut L the said bar is raised or lowered as required, and upon tightening the nut J the bar is secured in the desired vertical adjustment.

What I claim is:—

1. A rack or hanger comprising a bracket provided with a slot extending forwardly and rearwardly through the bracket; a vertically adjustable upright bar extending up and down the bracket and provided with means for supporting pipes or other objects, which bar has a portion extending through the aforesaid slot, and suitably supported means applied to the last-mentioned portion of the bar for adjusting the bar vertically, and the aforesaid slot being large enough in dimensions to accommodate a readjustment of the bar vertically.

2. A rack or hanger comprising a bracket provided in its upper portion with a slot arranged longitudinally of the bracket and extending forwardly and rearwardly through the bracket; an upright bar adjustable up and down the bracket and provided with means for supporting pipes or other objects, which bar has its upper end-portion extending through the aforesaid slot, and suitably supported means applied to the said end-portion of the bar for adjusting the bar vertically.

3. In a rack or hanger, a bracket provided in its upper portion with a slot extending forwardly and rearwardly through the bracket; a vertically adjustable upright bar arranged at and extending up and down the forward side of the bracket and provided with means for supporting pipes or other objects, which bar has its upper end-portion extending through the aforesaid slot, and suitably supported means applied to the said end-portion of the bar for adjusting the bar

vertically, and the aforesaid slot being large enough in dimensions to accommodate a readjustment of the bar vertically.

4. In a rack or hanger, a bracket having an upright central member and two end members projecting from the upper end and lower end respectively of the said central member, said central member being provided in its upper portion with a slot extending forwardly and rearwardly therethrough; an upright bar adjustable up and down the central member of the bracket and provided with means for supporting pipes or other objects, which bar has its upper end-portion extending through the aforesaid slot, and suitably supported means applied to the said end-portion of the bar for adjusting the bar vertically, and the aforesaid slot being large enough in dimensions to accommodate a readjustment of the bar endwise.

5. In a rack or hanger, a bracket having an upright central member and two end members projecting rearwardly from the upper end and lower end respectively of the said central member, said central member being provided in its upper portion with a slot extending forwardly and rearwardly therethrough; a vertically adjustable upright bar arranged at and extending up and down the forward side of the central member of the bracket and provided with means for supporting pipes or other objects, which bar has its upper end-portion extending rearwardly through the aforesaid slot, and suitably supported means applied to the said end-portion of the bar for adjusting the bar vertically, and the aforesaid slot being large enough in dimensions to accommodate the readjustment of the bar vertically.

6. In a rack or hanger, a bracket having an upright central member and two end members projecting rearwardly from the upper end and lower end respectively of the said central member, said central member being provided in its upper portion with a slot extending forwardly and rearwardly therethrough; a vertically adjustable upright bar arranged at the forward side of the central member of the bracket and provided with means for supporting pipes or other objects, which bar is provided at its upper end with a flange projecting rearwardly through the aforesaid slot, and means supporting the said bar from the upper end member of the bracket and comprising a bolt having a head and a nut on the shank of the bolt, the nut and the bolt-head being arranged the one at the lower side of the flange and the other upon the said upper end member of the bracket, and the aforesaid slot being large enough in dimensions to accommodate a readjustment of the bar vertically.

7. In a rack or hanger, a bracket having an upright central member and two end members projecting from the upper end and

lower end respectively of the said central member, said central member being provided in its upper portion with a slot extending forwardly and rearwardly therethrough; 5 an upright bar adjustable up and down the central member of the bracket and provided with means for supporting pipes or other objects, which bar is provided at its upper end with a flange projecting through the aforesaid slot; an upright bolt extending 10 through the said flange and through the upper end member of the bracket and arranged with its head at the lower side of the flange, and a nut on the shank of the bolt and resting 15 upon the said upper end member of the bracket, and the aforesaid slot being large enough in dimensions to accommodate a readjustment of the bar endwise.

8. In a rack or hanger, a bracket provided 20 with two vertically spaced vertically arranged slots formed in and extending forwardly and rearwardly through the bracket; a vertically adjustable upright bar extending up and down the bracket and provided 25 with means for supporting pipes or other objects, which bar has its upper end-portion extending rearwardly through the upper of the aforesaid slots; suitably supported means applied to the said end-portion of the bar 30 for adjusting the bar vertically, and means employed in securing the bar in the desired adjustment and comprising a bolt having a head and a nut on the shank of the bolt, the said shank extending through the lower of 35 the aforesaid slots and through the bar, and the bolt-head and the nut being arranged the one at the forward side of the bar and the other at the rear side of the bracket, and the said slots being large enough in dimensions 40 to accommodate a readjustment of the bar vertically.

9. In a rack or hanger, a bracket having an upright central member and two end 45 members projecting rearwardly from the upper end and lower end respectively of the said central member, said central member being provided with two vertically spaced vertically arranged slots formed in and extending forwardly and rearwardly through 50 the said central member; a vertically adjustable upright bar arranged at the forward side of the central member of the bracket and provided with means for supporting pipes or other objects, which bar has its 55 upper end-portion extending rearwardly through the upper of the aforesaid slots; suitably supported means applied to the said end-portion of the bar for adjusting the bar vertically, and means employed in securing 60 the bar in the desired adjustment and comprising a bolt having a head and a nut on the shank of the bolt, the said shank extending

through the lower of the aforesaid slots and through the bar, and the bolt-head and the nut being arranged the one at the forward 65 side of the bar and the other at the rear side of the bracket, and the said slots being large enough in dimensions to accommodate a readjustment of the bar vertically.

10. In a rack or hanger, a bracket pro- 70 vided with two vertically spaced vertically arranged slots formed in and extending forwardly and rearwardly through the bracket; an upright bar adjustable up and down the bracket and provided with means for sup- 75 porting pipes or other objects, which bar has its upper end-portion extending through the upper of the aforesaid slots; suitably supported means applied to the said end-portion of the bar for adjusting the bar vertically; 80 a bolt extending through the lower of the aforesaid slots and through the bar and arranged with its head at the forward side of the bar, and a nut mounted on the shank of 85 the bolt at the rear side of the bracket, and the said slots being large enough in dimensions to accommodate a readjustment of the bar endwise.

11. In a rack or hanger, a bracket having an upright central member and two end 90 members projecting rearwardly from the upper end and lower end respectively of the said central member, said central member being provided with two vertically spaced vertically arranged slots formed in and ex- 95 tending forwardly and rearwardly through the said central member, an upright bar arranged at the forward side of and adjustable up and down the central member of the bracket and provided with means for sup- 100 porting pipes or other objects, which bar has its upper end-portion extending rearwardly through the upper of the aforesaid slots; means supported from the upper end member of the bracket and applied to the 105 upper end-portion of the bar for adjusting the bar vertically, and means employed in securing the bar in the desired adjustment and comprising a bolt having a head and a nut on the shank of the bolt, the said shank 110 extending through the lower of the aforesaid slots and through the bar, and the bolt-head and the nut being arranged the one at the forward side of the bar and the other at the rear side of the bracket, and the said slots 115 being large enough in dimensions to accommodate a readjustment of the bar.

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

ALBIN SEIDEL.

Witnesses:

C. H. DORER,
B. C. BROWN.