M. D. WOODLING.

RADIATOR BRACKET.

APPLICATION FILED JAN. 27, 1921.

1,408,556. Patented Mar. 7, 1922.

Fig. 1.

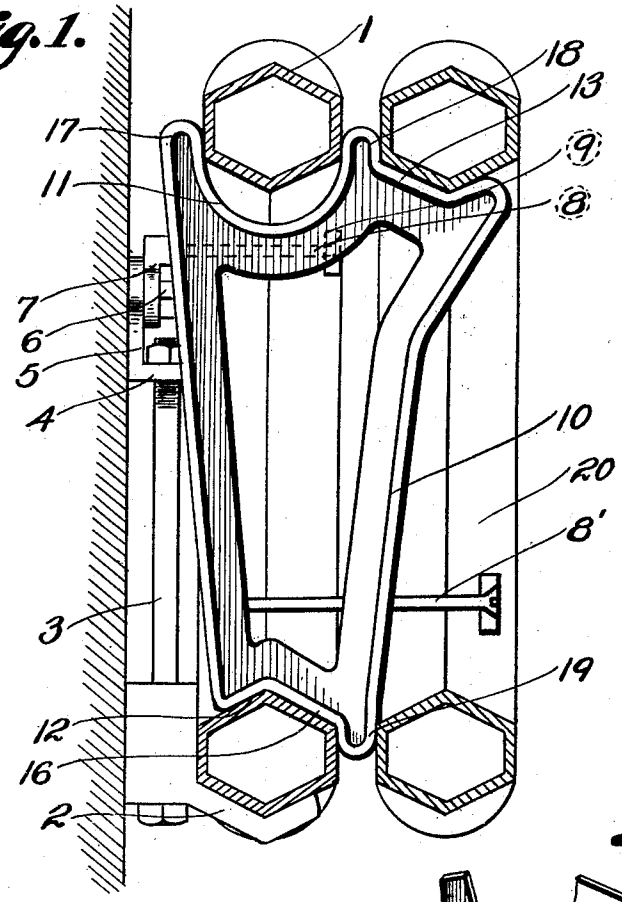


Fig. 2.

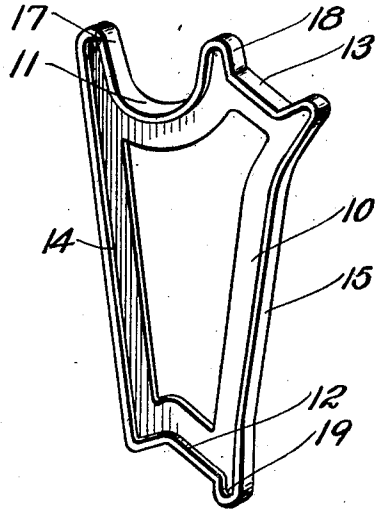
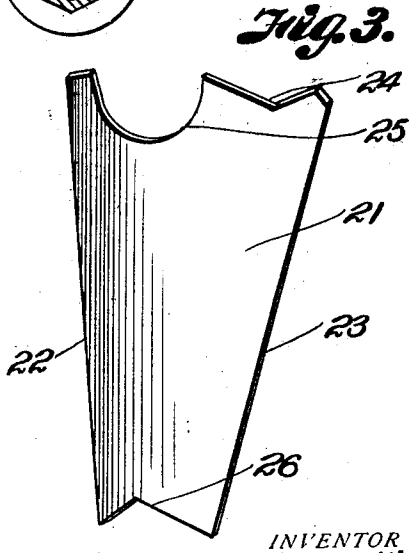


Fig. 3.



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RADIATOR BRACKET.

1,408,556. Specification of Letters Patent. Patented Mar. 7, 1922.

Application filed January 27, 1921. Serial No. 440,271.

To all whom it may concern:

Be it known that I, MINER D. WOODLING, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Radiator Brackets; and I do 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to a one-piece bracket adapted for use in hanging supplemental radiator sections to wall supported radiators.

It is sometimes the practice to support a radiator from a wall bracket above the base-board and floor so that there is a clearance between the radiator and the floor, facilitating cleaning and thereby rendering the room more sanitary than is possible with the floor radiator.

In the event that the single manifold radiator is insufficient to provide the requisite radiating surface for the room, it becomes necessary to add additional radiating surface. If the auxiliary or added radiator surface in the form of an added radiator section is arranged parallel to the main section, it becomes necessary to provide a support whereby the additional radiator sections may be attached thereto.

My invention contemplates a one-piece bracket which may be conveniently attached to the main radiator section in such a manner that it will readily support the auxiliary or added radiator section.

In the drawings,

Fig. 1 is a side elevational view of a bracket constructed in accordance with my invention and shown as applied.

Fig. 2 is a perspective view of one form of the invention, and

Fig. 3 is a perspective view of a slightly modified form.

The invention is shown as applied to two radiator sections. The main radiator section 1 is supported upon a bracket member 2 carried by a rod 3 and adjustably held in the flange 4 of a wall bracket 5. The wall bracket is secured by a bolt 6 on which is a tie bracket 7 carrying a bolt 8 with a head or nut 9 thereon whereby the supported radiators may be prevented from tilting outward from the wall.

The bolt 8 may be of sufficient length to answer the purpose and may have a threaded end which will screw into the head 7.

The construction just described, however, constitutes no part of my present invention, the invention residing rather in the one-piece bracket above referred to.

The bracket is shown as consisting of an irregular body portion 10, having a curved radiator section-engaging jaw 11 at one end and an angular radiator section engaging seat or foot 12 at the other, there being a supplemental or auxiliary radiator-receiving seat 13 at the upper end in front of the jaw 11. The two upwardly diverging sides 14 and 15 of the bracket terminate adjacent to the outer end of the jaw 11 and the seat 13, the lower portion of the bracket being relatively narrow adjacent to the seat or foot 12.

The seat 12 may rest upon the lower manifold portion 16 with the upstanding projection or finger 17 of the jaw 11 bearing against the rear face of the manifold section 1. The jaw 11 and the seat 13 are spaced apart by an upstanding projection 18 which separates them at the upper end of the bracket, the projection 18 being substantially the width of the projection 19 at the lower end of the bracket and in line therewith so that the supplemental radiator section 20 will be properly spaced from the section 1.

When the section 20 is seated on 13, it may be held against relative movement by projecting a bolt or rod 8′ through the section 1, thus tying the two sections together.

In Fig. 3 I have shown the bracket as consisting of a flat sheet of suitable metal, the form being designated by the reference numeral 21 and having upwardly diverging side edges 22 and 23 terminating at the upper ends into a seat 24 and a jaw 25, the lower end of the sheet being notched to provide a foot or seat 26 corresponding to the seat or foot 12 in the form shown in Figs. 1 and 2.

From the foregoing it will be apparent that if the radiator section 1 is in place and it is desired to add another radiator section, the bracket may be applied by tilting the

projecting portion 17 through the space between the manifold so that the upper part of the manifold 1 will be received by the jaw 11 and the lower portion will be received within the notch or seat 12. Then the radiator section 20 may be hung on the seat 13 as shown in Fig. 1.

What I claim and desire to secure by Letters-Patent is:

1. A radiator bracket comprising a single member having a notch at its upper end to engage the upper manifold of a radiator and a notched foot at the lower end to rest upon the lower manifold of the radiator whereby the lower manifold will receive the load of the radiator, and a radiator-supporting seat at the upper end to receive a second radiator.

2. A radiator bracket comprising a single member having a notch at its upper end to engage the upper manifold of a radiator and a notched foot at the lower end to rest upon the lower manifold of the radiator whereby the lower manifold will receive the load of the radiator, and a radiator-supporting seat at the upper end to receive a second radiator, said member having oppositely disposed spacing projections at its top and bottom to hold the second radiator in spaced relation with the first.

3. A one-piece bracket for securing one radiator to another, said bracket comprising a radiator-engaging notch at its upper end, a seat for the second radiator adjacent thereto, and a recessed portion at the lower end whereby the bracket may rest upon the lower manifold of the first radiator to transmit the load of the second radiator thereto.

4. A device of the class described comprising a member having upwardly diverging side edges to provide a relatively narrow lower portion and a relatively wide upper portion, the upper portion having two radiator receiving notches with a spacing finger between them, and a notch at the lower end to receive the lower manifold of one radiator whereby the load carried by the device will be supported by the lower manifold, said member having spacing fingers at its lower end whereby one radiator may be supported upon the other in spaced relation thereto.

In testimony whereof I affix my signature.

MINER D. WOODLING.