E. W. BEYER.

FOOT REST FOR RADIATORS.

APPLICATION FILED NOV. 18, 1912.

1,067,298. **Patented July 15, 1913.**

Fig. 2

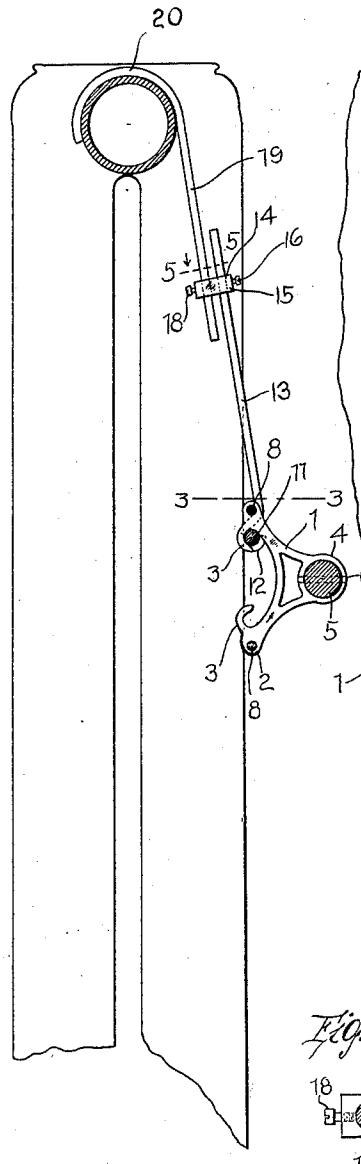


Fig. 1

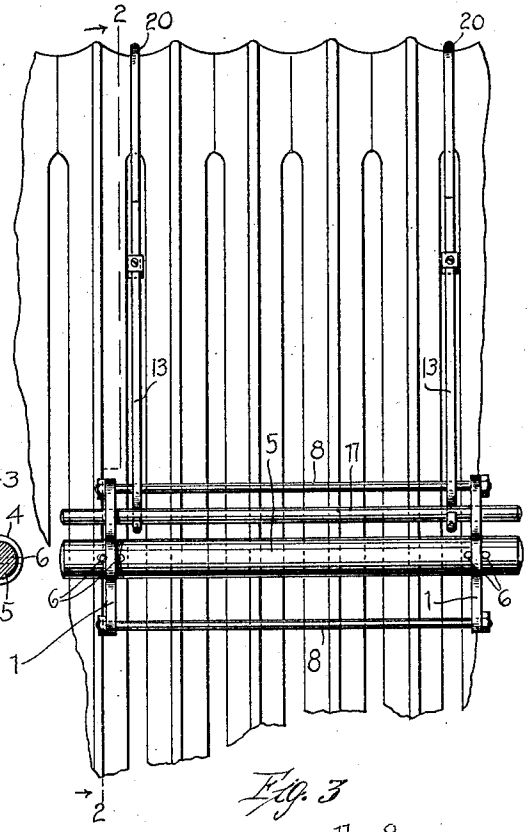


Fig. 3

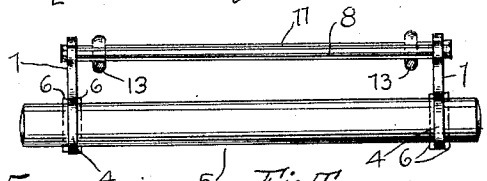


Fig. 5

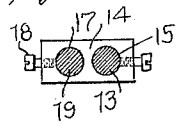
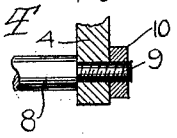


Fig. 4



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FOOT-REST FOR RADIATORS.

1,067,298. Specification of Letters Patent. Patented July 15, 1913.

Application filed November 13, 1912. Serial No. 732,144.

To all whom it may concern:

Be it known that I, EARL W. BEYER, a citizen of the United States, residing at Amsterdam, in the county of Montgomery and State of New York, have invented certain new and useful Improvements in Foot-Rests for Radiators, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in foot rests and warmers for radiators and more particularly to that class of rests which are detachable from the radiator.

An object of this invention is the provision of a foot rest and warmer which is vertically adjustable so that the feet may be supported thereon at any desired distance from the floor.

Another object of this invention is the provision of a device of this character which comprises a bar for supporting the feet, the bar being suitably supported in spaced brackets, and the device as a whole being adjustably supported from the top of the radiator.

A still further object of this invention is the provision of a foot rest which comprises a minimum number of parts whereby it may be cheaply manufactured and which consists in the novel constructions, arrangements and combinations of parts to be hereinafter more fully described, claimed and illustrated in the accompanying drawing, in which—

Figure 1 is a front elevation of my device showing it supported upon a radiator; Fig. 2 is a section taken on the line 2—2 of Fig. 1; Fig. 3 is a section taken on the line 3—3 of Fig. 2; Fig. 4 is a view partly in section showing the connection between the cross rods and the brackets, and Fig. 5 is a section taken on the line 5—5 of Fig. 2.

Referring more particularly to the drawings, the numeral 1 designates a pair of outwardly curved brackets which are formed with openings 2 in their opposite ends, and formed intermediate of their ends are inwardly extending hooks 3. Projecting outwardly from the central portion of the brackets are apertured extensions 4 in which the foot rail 5 is disposed, and pins 6 are mounted in the foot rail on the opposite sides of the bracket 1 for preventing lateral movement of the rail.

Disposed in the openings 2 in the opposite ends of the brackets, are cross rods 8 which are provided on their opposite ends with reduced threaded extremities 9 for the reception of nuts 10 whereby the cross rods are suitably secured to the brackets 1 for the purpose of spacing them.

Mounted in the hook shaped portions 3 in the upper ends of the bracket 1 is a cross rod 11 on which are mounted the lower hooked ends 12 of upwardly extending hangers 13. The upper ends of the hangers are slidably mounted in openings 14 in the adjusting clamps 15, the hangers 13 being supported in the clamps 15 by the set screws 16. Secured in the openings 17 in the adjusting clamps by set screws 18 are the lower ends of supporting hooks 19, the upper ends of which are curved as at 20 to form hooks for engagement with the upper end of the radiator.

It is apparent from the drawing that when the hooks 12 of the hangers are engaged with the cross rod 11, the cross rod 11 will rest against the outer face of the radiator and should the device be accidentally moved outwardly from the radiator, the cross rod 11 will be held in the hooked portions 3 of the brackets by the lower hooked ends 12 of the hangers 13 and the engagement of the hangers with the outer face of the upper cross rod 8.

In the practical use of my device, the brackets 1 are connected by the cross rods 8 and the foot rail 5 is connected in the apertured extensions 4 of the brackets, whereupon the cross rod 11 is mounted in the hook members 3 of the brackets and the hangers 13 are connected to the cross rod 11 by the hooks 12 on the lower ends thereof. The clamps 14 may be then disposed upon the upper ends of the hangers to the point desired and secured thereon by the set screws 16, whereupon the supporting hooks 19 are secured in the openings 17 in the clamping members by the set screws 18 and the device is ready to be applied to the radiator.

It will be seen that when the foot rest is supported from the radiator, the cross rods 11 and 8 rest against the outer face of the radiator and the hooked portions 3 of the brackets bearing against the rods of the sections of the radiator prevent swinging movement of the foot rest.

The position of the device may be reversed when desired by simply removing the cross rod 11 from its hooks 3 and when the brackets are reversed the cross rod 11 may be mounted in the opposite hooked portions

3 of the brackets and secured therein by the lower hooked ends 12 of the hangers 13.

While the construction illustrated in the accompanying drawing is the preferred embodiment of my invention, it will be understood that many minor changes may be made without departing from the spirit of my invention or sacrificing any of its advantages as determined by the scope of the appended claims.

Having thus fully described my invention, what I desire to claim and secure by Letters Patent is:—

1. A device of the character described comprising a pair of spaced brackets, each of said brackets being formed with a central forwardly projecting apertured extension, a foot rail mounted in said apertured extensions, cross rods connecting said brackets at their opposite ends, inwardly extending hooks formed on said brackets inwardly of said cross rods, a rod adapted for engagement in said hooks, and means adapted for engagement with said rod for detachably supporting the device upon a radiator, said cross rods being adapted to bear upon the radiator above and below said foot rail, as and for the purpose described.

2. A device of the character described comprising a pair of spaced brackets, each of said brackets being formed with a central forwardly projecting apertured extension, a foot rail mounted in said apertured extensions, cross rods connecting said brackets at their opposite ends, said brackets being formed with inwardly extending hooks inwardly of said cross rods, a rod adapted for engagement in said hooks, and supporting rods having offset hooks on one end for engagement with the inner face of the first mentioned rod, said supporting hooks being adapted to bear against the outer face of one of said cross rods, as and for the purpose described.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

EARL W. BEYER.

Witnesses:
WALTER I. HOVER,
ROBERT J. LINDSAY.

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