April 7, 1931. B. H. HOWARD 1,799,558

RADIATOR FOOT REST

Filed July 19, 1929

Fig. 1.

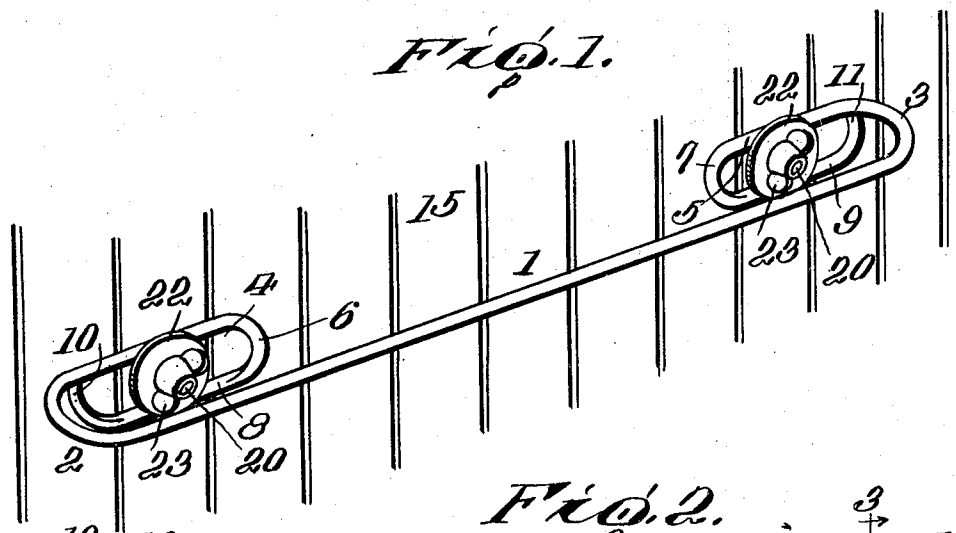


Fig. 2.

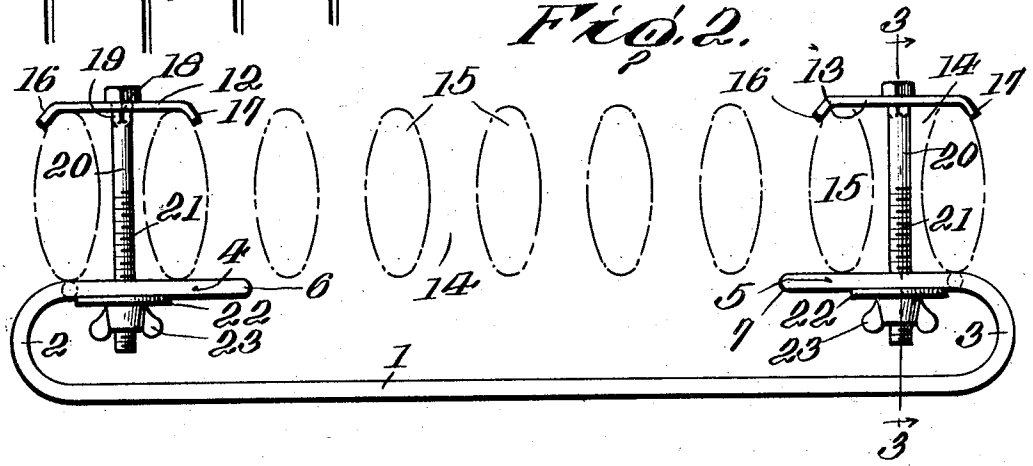
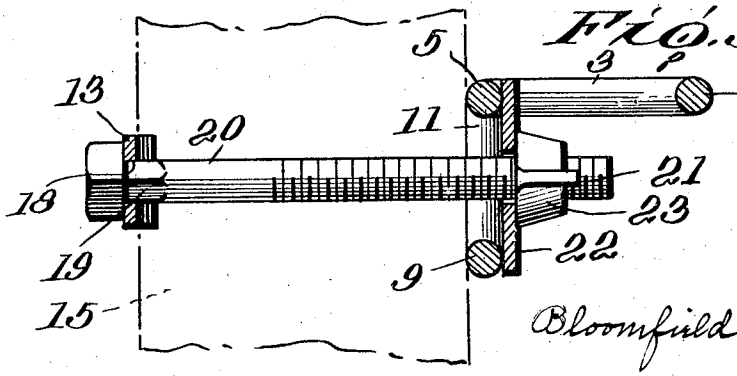


Fig. 3.



Inventor

Bloomfield H. Howard

By C. A. Wright, Jr.

Attorney

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UNITED STATES PATENT OFFICE

BLOOMFIELD H. HOWARD, OF WASHINGTON, DISTRICT OF COLUMBIA

RADIATOR FOOTREST

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My invention relates to improvements in radiator foot rests.

The object of my invention is to provide a radiator foot rest made of a single piece of wire or rod which can be readily attached to the ordinary radiator between any of the vertical coils thereof, and so constructed that there is a very small contacting surface with the coils of the radiator and therefore there will be the least practical amount of heat conducted from the coils to the supporting bar upon which the feet rest.

Another object of my invention is to provide a foot rest of this character in which the single piece of wire or rod bent at its ends to form loops and spaced from the foot supporting bar, said loops being of elongated form so that it can be attached to a raidator of width less than the length of the foot-supporting bar, and to make provision whereby the foot rest can be attached to a radiator in which the coils are of different dimensions.

A further object of my invention is to provide a foot rest of this character which is neat in appearance, simple in construction and which can be readily applied to and removed from any radiator and have certain details of structure and combination of parts hereinafter more fully set forth.

A still further object of my invention is to provide a radiator foot rest that may be applied to radiators of varying lengths and that also may be used as a towel rack.

In the accompanying drawings:—

Figure 1 is a perspective view of my improved foot rest applied to a radiator.

Figure 2 is a top plane view of my improved foot rest showing the radiator in dotted lines.

Figure 3 is a vertical transverse sectional view taken on the line 3—3 of Figure 2 looking in the direction of the arrow.

Referring now to the drawings, 1 represents the foot supporting bar of my improved foot rest and is made of a heavy steel rod or bar, preferably round, but it could be of angular form if desired. The ends of the bar which are bent around or looped as indicated at 2 and 3 and extended inwardly form the two horizontal portions 4 and 5 extending parallel with the foot supporting bar 1 and arranged in the same horizontal plane as clearly shown in Figure 3 of the drawings. The portions 4 and 5 are looped downwardly as indicated at 6 and 7 and extend outwardly as indicated at 8 and 9 parallel with the end directly below the portions 4 and 5 and the ends of the portions 8 and 9 are turned upwardly as indicated at 10 and 11, directly below the portions 4 and 5.

By the above description, it will be seen that I have formed the foot supporting bar 1 with a loop at each end forming means whereby the foot rest may be attached to the radiator. The attaching means comprising the plates 12 and 13 which are of a width less than the space 14 between the coils 15 of the radiator, whereby they may be inserted between the coils and turned in a horizontal position shown in Figures 2 and 3 of the drawings. These plates 12 and 13 have their ends 16 and 17 bent outwardly so as to engage the side walls and coils 15 of the radiator and prevent any elongated movement of the plates. The plates are provided with squared openings 18 through which the squared shank 19 of the bolt passes and whereby the bolt is held against rotation. The outward ends of the bolts are threaded as indicated at 21 and pass through the loops formed in the ends of the foot rest. Arranged on the bolts 20 are the washers 22 which engage the parallel portions 4 and 8 of the loops and by means of the thumb nut 23 the foot rest is firmly clamped to the coils of the radiator. The loops as shown are of an elongated form whereby the same can be attached to radiators of greater or less width and also provide means whereby the foot rest can be attached to radiators in which the coils are of varying dimensions.

From the foregoing description it will be seen that I have provided a very simple construction in which a foot rest is made from a single piece of wire or rod forming foot supporting bar spaces a considerable distance from the coils of the radiator. I have also provided a small contacting surface between

the loops and the coils of the radiator whereby the smallest amount of heat would be conducted through the looped ends 2 and 3 to the supporting bar.

While I have shown and described this specific form of loop it will be readily understood that the same can be varied as the broad invention in this application is the forming of a foot rest from a single bar or rod and forming means whereby attaching bolts or clips can cooperate therewith to securely fasten the foot rest to the radiator.

From the foregoing description it will be seen that I have described this invention as a foot rest, but it will be understood that the same can be used as a rack for hanging towels or clothing, whereby the same may be dried by the heat from the radiator.

Having thus fully described my invention, what I claim is:—

1. A radiator foot rest comprising a body portion composed of a single rod having an elongated foot supporting portion and having two ends bent around and formed into elongated closed loops parallel with the foot supporting portion and spaced therefrom and through which the attaching bolts are adapted to pass.

2. A radiator foot rest comprising a body portion composed of a single rod having a straight foot supporting portion and having its ends bent around forming two loops spaced from the foot supporting portion, attaching bolts passing between the coils of the radiator, plates removably carried by the inner ends of the bolts and held against rotation thereon, and adapted to engage the inner vertical walls of the coils, said bolts passing through the loops, plates carried by the bolts and engaging the outer faces of the loops and nuts on said bolts for engaging the plates for clamping the loops against the outer vertical walls of the coils.

3. A radiator foot rest comprising a metal rod forming the body portion thereof and having its ends bent around parallel with the body portion and spaced therefrom and formed into vertically disposed loops through which the attaching bolts pass.

In testimony whereof, I have signed this specification.

BLOOMFIELD H. HOWARD.