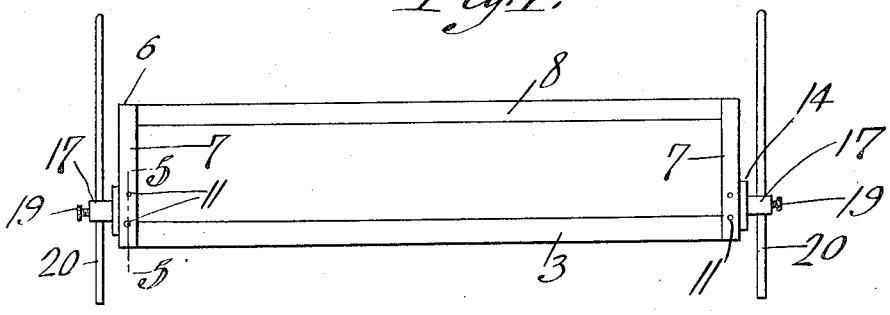
B. H. BOWER.

FOOT REST AND FOOT WARMER.

APPLICATION FILED JULY 26, 1916.

1,240,301. Patented Sept. 18, 1917.

Fig. 1.



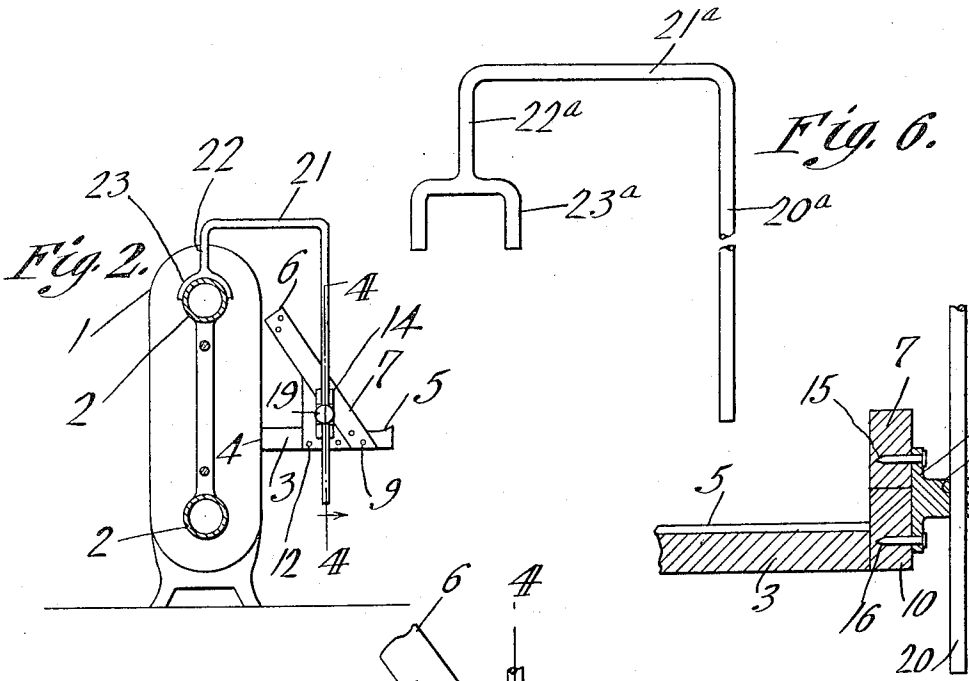


Fig. 6.

Fig. 2.

Fig. 4.

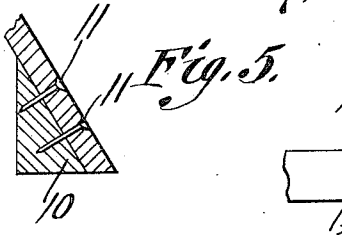


Fig. 5.

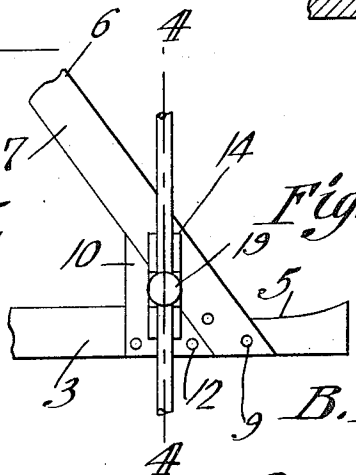


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

BERT H. BOWER, OF GLOVERSVILLE, NEW YORK, ASSIGNOR OF ONE-THIRD TO JOHN W. INCH AND ONE-THIRD TO JOHN S. ZUCKERMAN, BOTH OF GLOVERSVILLE, NEW YORK.

FOOT-REST AND FOOT-WARMER.

1,240,301. Specification of Letters Patent. Patented Sept. 18, 1917.

Application filed July 26, 1916. Serial No. 111,461.

To all whom it may concern:

Be it known that I, BERT H. BOWER, a citizen of the United States, residing at Gloversville, in the county of Fulton and State of New York, have invented a new and useful Foot-Rest and Foot-Warmer, of which the following is a specification.

The device forming the subject matter of this application is a foot rest, adapted to be assembled with a radiator, to the end that the feet of the operator may be warmed by the radiator.

One object of the present invention is to provide novel means for connecting the foot rest with the radiator, and to provide novel means whereby the base portion of the foot rest may be adjusted vertically.

Another object of the invention is to provide novel means for assembling and holding together securely, the constituent parts of the foot rest.

It is within the province of the disclosure to improve generally and to enhance the utility of devices of that type to which the present invention appertains.

With the above and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the accompanying drawings:—

Figure 1 shows in front elevation, a foot rest embodying the present invention;

Fig. 2 is a vertical section taken through a radiator wherewith the foot rest forming the subject matter of this application has been assembled, the foot rest appearing in end elevation;

Fig. 3 is a detail enlarged from Fig. 2;

Fig. 4 is a section taken on the line 4—4 of Fig. 2 and on the line 4—4 of Fig. 3, parts appearing in elevation;

Fig. 5 is a fragmental section taken approximately on the line 5—5 of Fig. 1; and

Fig. 6 is an elevation showing a slight modification in the supports.

In the accompanying drawings, the numeral 1 indicates a steam or hot water radiator of the usual construction, the constituent members of which are connected by nipples 2.

In carrying out the present invention there is provided a base 3 which may be in the form of a board, the rear edge 4 of the base 3 abutting against the forward side of the radiator 1, as clearly shown in Fig. 2. In the upper face of the base 3 near to the forward edge of the base, there is formed a concaved seat 5, adapted to receive the heels of the operator. Secured to the ends of the base 3 is a U-shaped frame 6 comprising side bars 7 and a top bar 8. The U-shaped frame 6 is rearwardly inclined, as it extends upwardly, toward the radiator 1, the top bar 8 of the U-shaped frame being adapted to receive the toes of the operator, when the operator's heels are received in the concaved seat 5 of the base 3. By means of securing elements 9, the lower ends of the side bars 7 of the U-shaped frame 6 are secured to the ends of the base 3. Abutting against the rear edges of the side bars 7 of the U-shaped frame 6 and abutting against the ends of the base 3 are braces 10 which preferably are of triangular form. Securing elements 11 pass rearwardly through the side bars 7 of the U-shaped frame 6, near to the lower ends of the side bars, the securing elements 11 entering the forward edges of the braces 10, as clearly indicated in Fig. 5. By means of securing elements 12, the braces 10 are connected, near to their lower ends, with the ends of the base 3.

The foot rest includes a pair of end guides. Each of these end guides comprises a plate 14 which overlaps the outer face of one brace 10, and overlaps the outer face of the corresponding side bar 7. Securing elements 15 unite the upper ends of the plates 14 with the side bars 7, and securing elements 16 unite the lower ends of the plates 14 with the braces 10, as clearly shown in Fig. 4. The plates 14, therefore, serve to tie together, securely, the parts 7 and 10. The plates 14 are equipped with outstanding lugs 17 having vertical passages 18 therein. Slidably received in the vertical passages 18 of the lugs 17 are supports 20 in the form of vertical rods. Screws 19 are threaded into the ends of the lugs 17 and bear against the supports or bars 20, to hold the foot rest in vertically adjusted positions. The supports 20 terminate at their upper

ends in horizontal extensions 21 provided with depending arms 22 having curved fingers 23 receiving the nipples 2 of the radiator 1. Owing to the arrangement of the parts last above described, the foot rest is supported entirely by the radiator 1, and it is unnecessary for the supports 20 to extend downwardly far enough to touch the floor, it being obvious that if the supports were extended downwardly as above described, the floor would be likely to be marred, and, in addition, it would be difficult to sweep or clean around the radiator 1, without removing the foot rest from the radiator.

It is to be understood that the fingers 23 may be of any desired shape, depending upon the construction of the radiator 1 with which the foot rest forming the subject matter of this application is connected. In Fig. 6 of the drawings, parts hereinbefore described have been designated by the reference numerals previously used, with the suffix "a." In this form of the invention, the fingers 23^a are of approximately straight line construction, instead of being curved as indicated at 23 in Fig. 2. Fig. 6 makes it evident that the fingers 23 may be constructed as is found necessary or expedient.

By loosening the set screws 19, the foot rest may be slid upwardly or downwardly on the supports 20, the plates 14 and their lugs 17 acting as guides.

Owing to the fact that the U-shaped frame 6 is rearwardly inclined, the foot of the operator is permitted to assume a naturally inclined position, with the toes of the foot disposed close to the radiator and, at the same time, the guide structures 14—17 are disposed approximately midway between the forward and rear edges of the base 3, thus insuring the stability of the base.

Having thus described the invention, what is claimed is:—

1. In a device of the class described, a base; braces secured to the ends of the base and having inclined forward edges; a U-shaped frame including side bars engaging the forward edges of the braces; guides applied to the side bars of the frame and the braces; securing elements connecting the guides with the side bars and the braces; supports mounted to move in the guides for adjustment, and provided with radiator engaging means; and means for preventing relative movement between the supports and the guides.

2. In a device of the class described, a radiator; a pair of rods disposed parallel to the forward vertical face of the radiator and provided at their upper end with means for engaging the radiator; a base having guides wherein the rods are slidably received; and clamping means carried by the guides and engaging the rods; the rear edge of the base engaging the forward vertical face of the radiator to hold the rods parallel thereto and to maintain the clamping devices at all times in front of the forward vertical face of the radiator.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

BERT H. BOWER.

Witnesses:
ISAAC MOSES,
JOHN W. INCH.

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