

No. 764,689.

PATENTED JULY 12, 1904.

J. C. SMITH.  
FOOT REST FOR RADIATORS.  
APPLICATION FILED APR. 20, 1903.

NO MODEL.

Fig. 1.

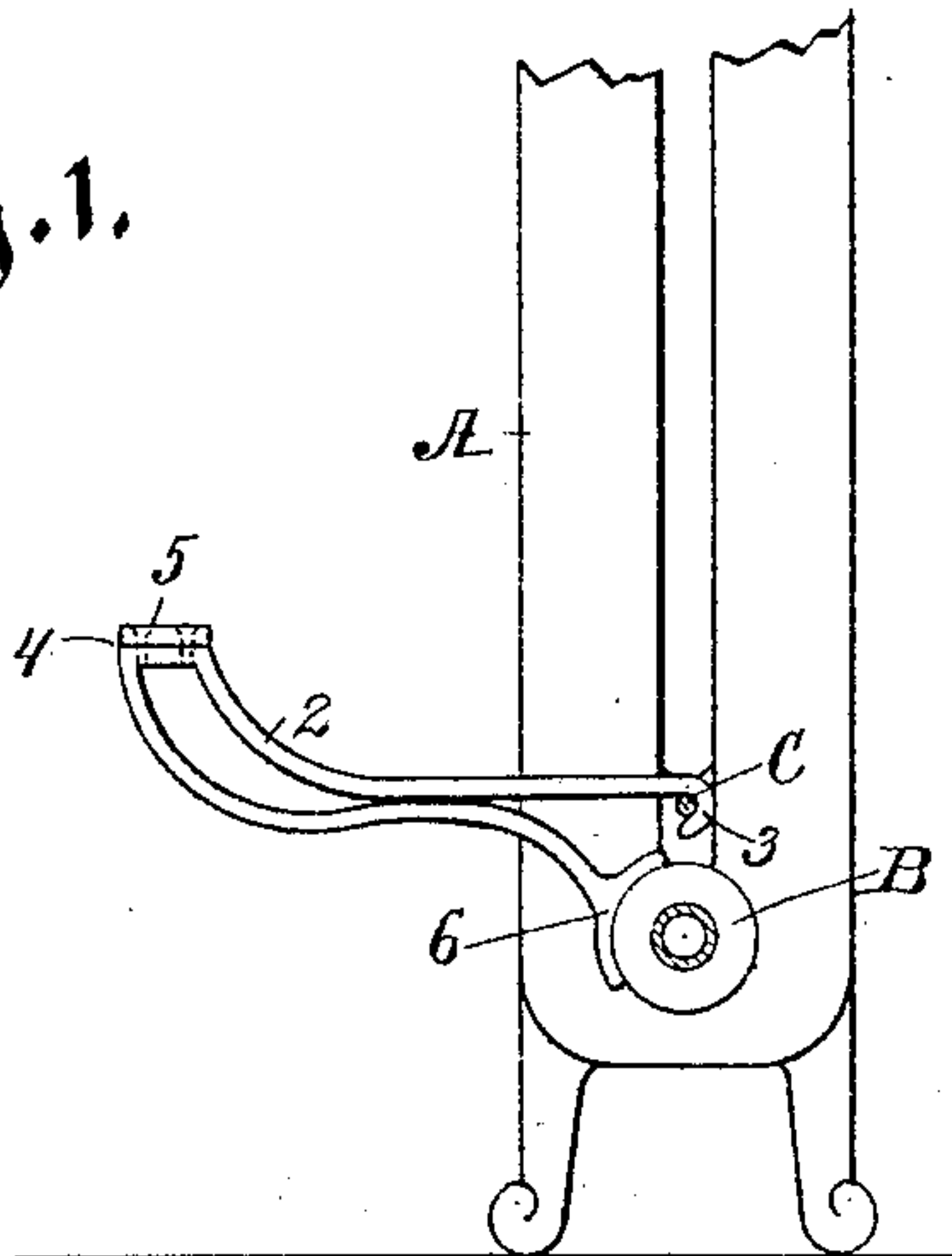


Fig. 2.

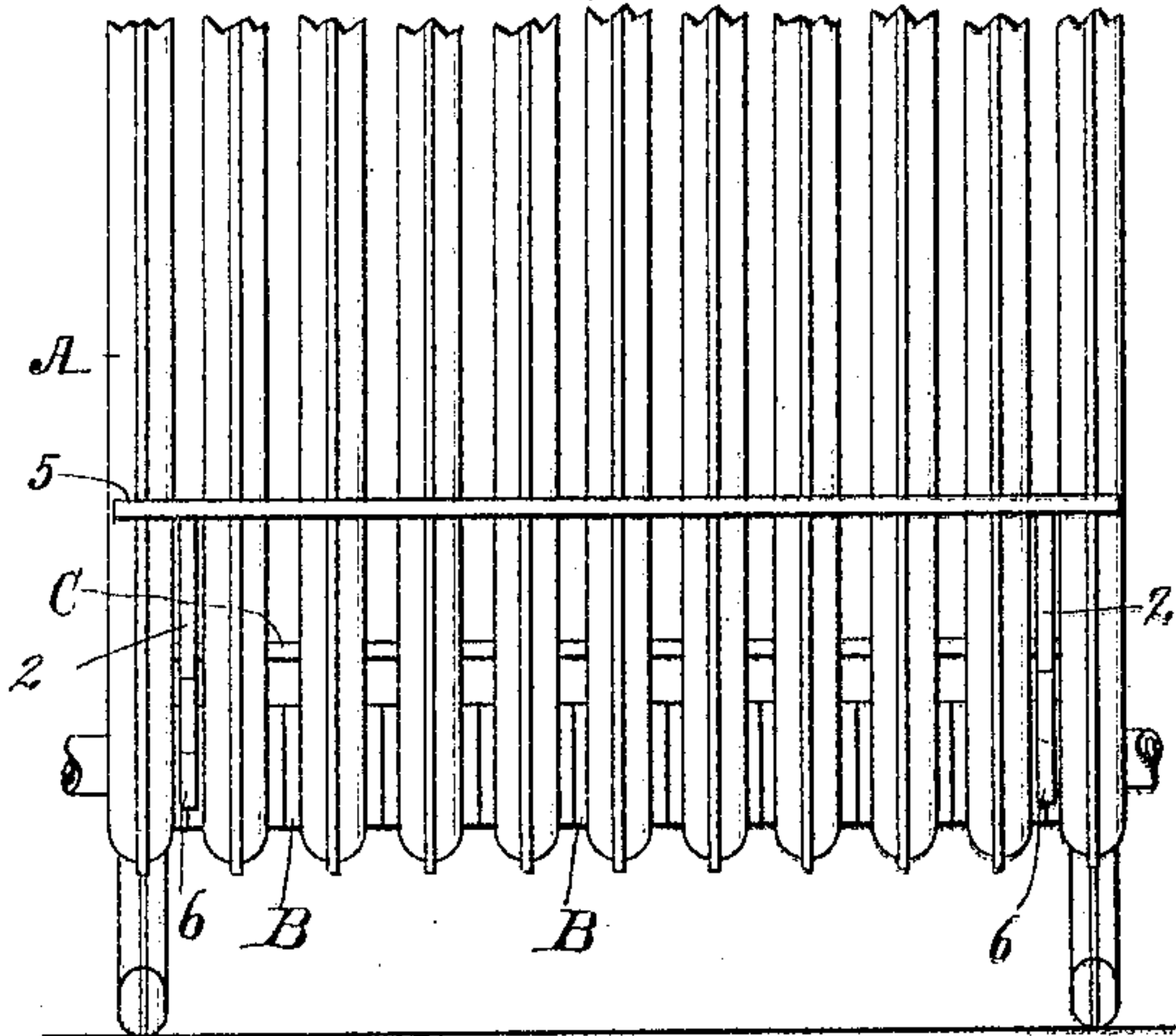


Fig. 3.

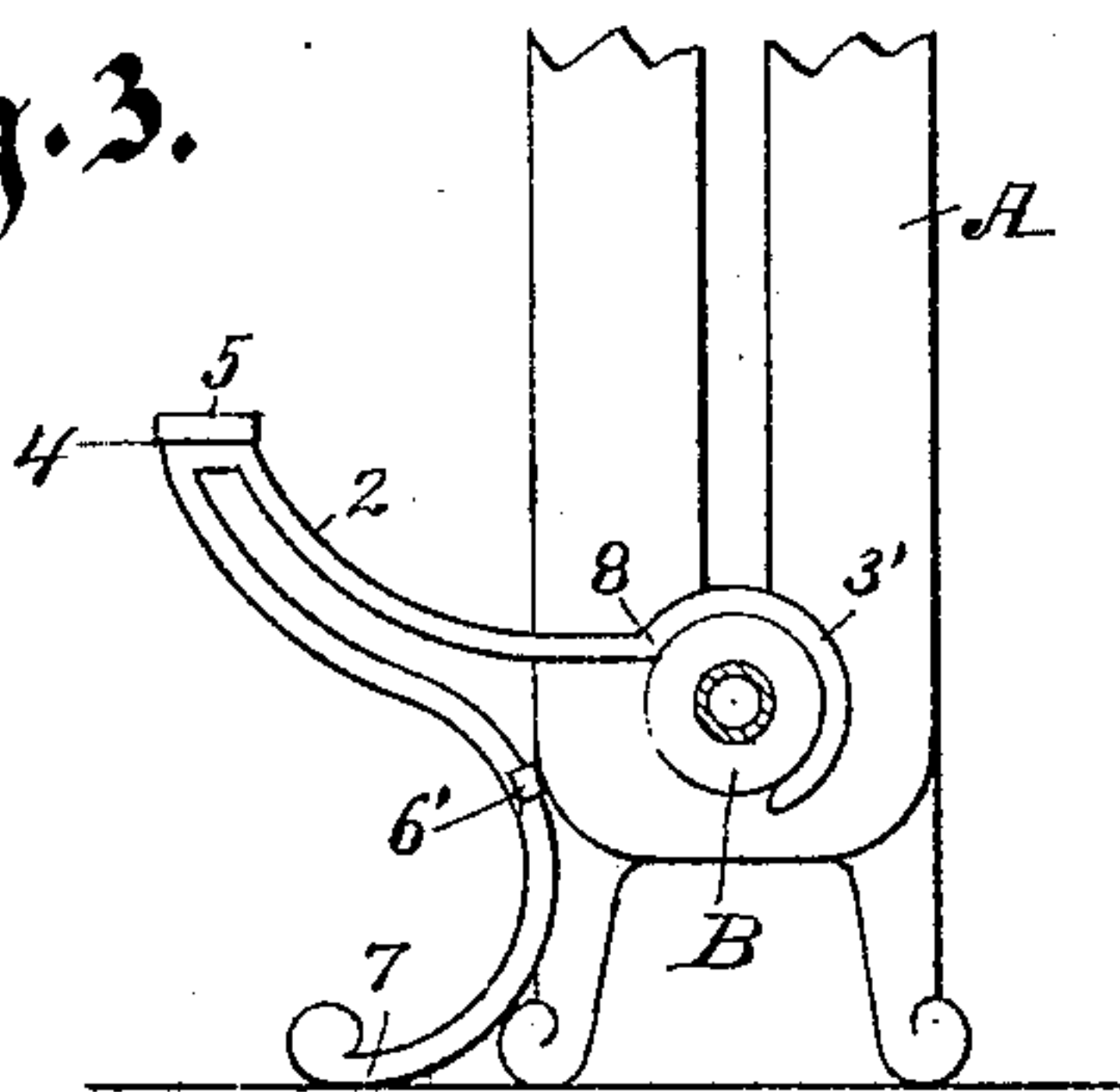


Fig. 4.

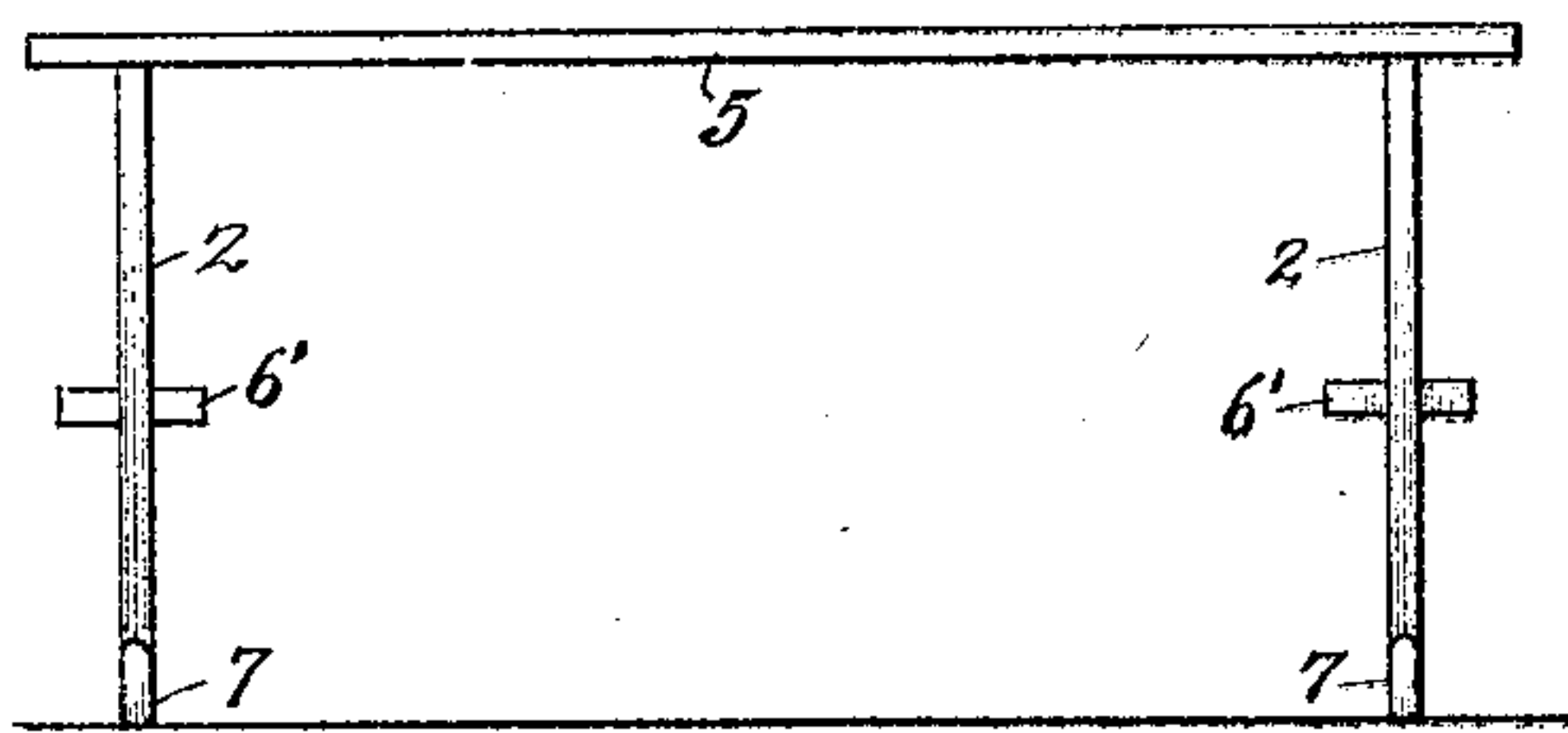


Fig. 5.

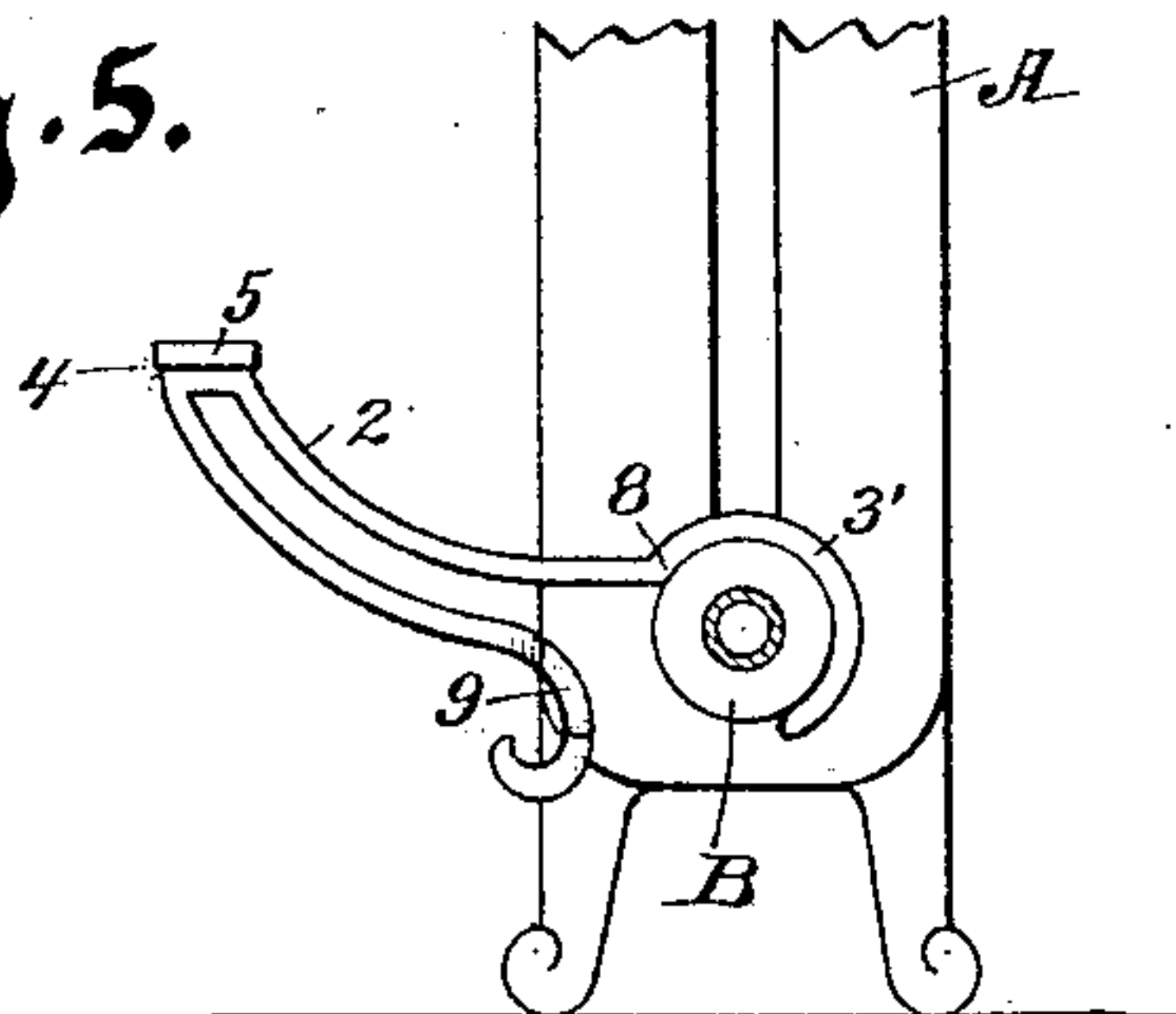
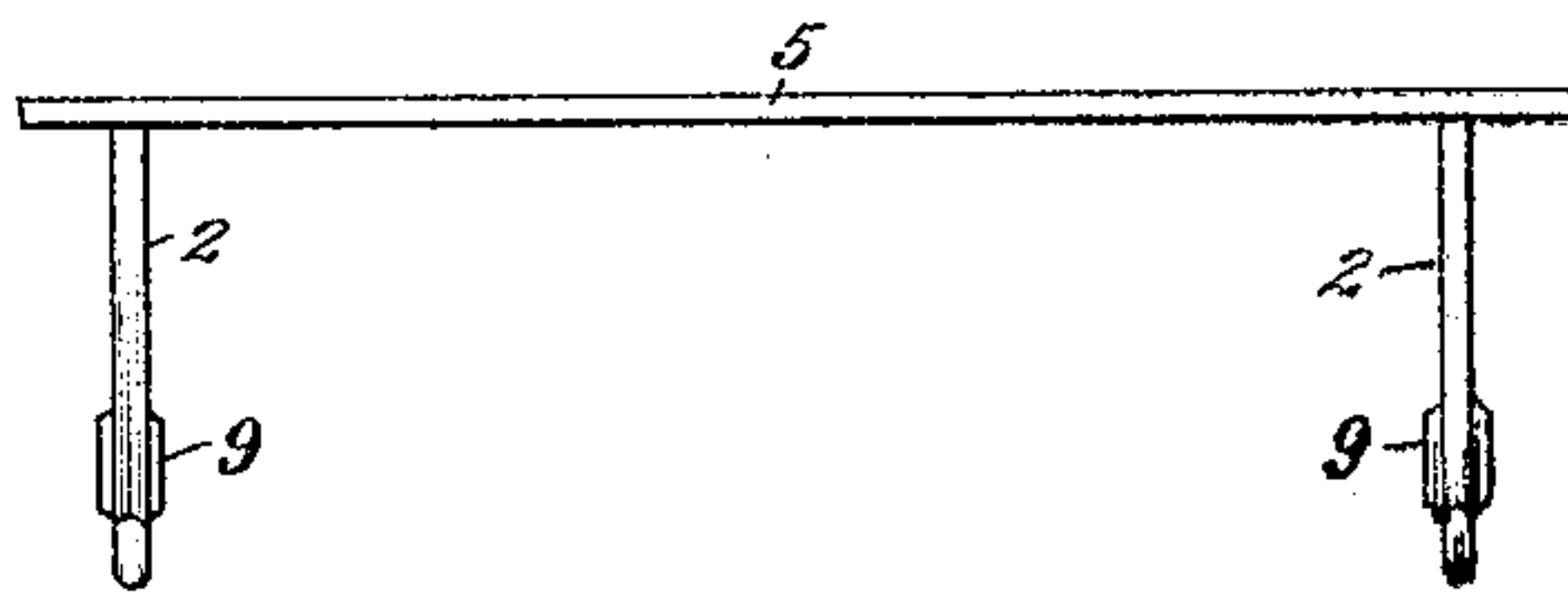


Fig. 6.



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## UNITED STATES PATENT OFFICE.

JERUSHA CORA SMITH, OF MINNEAPOLIS, MINNESOTA.

## FOOT-REST FOR RADIATORS.

SPECIFICATION forming part of Letters Patent No. 764,689, dated July 12, 1904.

Application filed April 20, 1903. Serial No. 153,504. (No model.)

*To all whom it may concern:*

Be it known that I, JERUSHA CORA SMITH, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented a new and useful Improvement in Foot-Rests for Radiators, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

The invention relates to a foot-rest adapted to be employed with steam or hot-water upright radiators of a form in common use in residences, offices, &c., for warming the rooms in which they are located.

The foot-rest is adapted to be detachably connected to and wholly or partially supported on the radiator in such position that a person may place his or her feet thereon near to the radiator for warming the feet and incidentally for drying the bottom of skirts or other clothing.

The invention consists of the novel device, its parts, and combinations of parts, as herein described and claimed, or the equivalents thereof.

In the drawings, Figures 1 and 2 represent, respectively, a vertical section and a front side view of a fragment of a steam-radiator with my improved foot-rest therewith. Fig. 3 is a vertical section of a fragment of a steam-radiator with my improved foot-rest slightly varied in form in connection therewith. Fig. 4 is a front view of the form of my improved foot-rest shown as an end view in connection with the fragment of a radiator in Fig. 3. Fig. 5 shows a vertical section of a fragment of a radiator with my improved foot-rest in a slightly-different form in connection therewith. Fig. 6 is a front view of my improved foot-rest in the form shown in Fig. 5.

In the drawings, A indicates a steam-radiator of a form in common use in residences for heating purposes. The radiator is made up of a plurality of sections, each provided with annular bosses B B, by means of which the sections of the radiators when placed in series near each other are fitted to each other, so as to form through these bosses a steam-duct from one section of the radiator to another. This connection is made near the lower ends

of the sections. In the form of radiator shown in Figs. 1 and 2 a rod C is employed to hold the sections together, forming the combined or completed radiator. This rod is located a little above the tubular or steam-duct connection between the sections of the radiators made by the bosses B B. In the form of radiator shown in Figs. 3 and 5 the rod C is omitted, and the radiators are connected to each other by the tubular bosses B B or an interior pipe in connection therewith. The specific means of connecting the sections of the radiator to each other is not material to my invention except only so far as it becomes important to adapt my improved foot-rest construction to be attached thereto.

My improved foot-rest consists of a plurality of brackets, advisably two, and a bar resting on and connecting the two supporting-brackets. In the form of foot-rest shown in Figs. 1 and 2 the bracket 2 is provided with a rearwardly-extending finger having a terminal hook 3, adapted to take releasably onto the rod C between two sections of the radiator, and the forwardly-extending arm of the bracket at its outer and front end is provided with a seat 4, adapted to receive thereon the bar 5, which may be secured thereto and to the other bracket near the other end of the bar, conveniently by means of screws. This bracket 2 is also provided with a foot 6, facing rearwardly and adapted to rest against the radiator below the connection of the hook 3 to the radiator, so as to prevent the bracket from tilting down at the front and letting down the bar 5. In this instance the foot 6 rests against the bosses B between the sections of the radiator and by means of this bracing and supporting action of the foot in connection with the attachment of the hook 3 to the radiator supporting the bar or foot-rest.

In the form of bracket shown in Figs. 3 and 4 the hook 3', corresponding in a general way to the hook 3 of the form shown in Figs. 1 and 2, is adapted to take onto the bosses or tubular connection between the sections of the radiator, and there is a foot 6' conveniently made in the form of a short laterally-extending bar, which is adapted to rest against



two adjacent sections of the radiator below the hook 3' and by bearing rearwardly against the sections of the radiator prevents the foot-rest from being depressed or falling down.

5 Also a toe 7 is extended in this form of bracket from the foot 6' downwardly and is formed and adapted to rest on the floor adjacent to the feet of the radiator.

In the form of foot-rest shown in Figs. 5 and 6 the bracket is slightly changed in form from that shown in Figs. 3 and 4 in that the toe 7 is omitted and the foot of the bracket is widened at 9, but only to such extent that the foot is adapted to enter between two sections of the radiator and to rest against the beveled or rounded edges of the sections, and thereby to support the bracket and the bar in connection with the hook 3', taking onto the bosses or tubular connections between the sections of the radiator.

In the form of bracket shown in Figs. 3 to 6 the hook 3' is so formed with reference to the arm of the bracket that a shoulder 8 is formed, which shoulder when the bracket is in position on the radiator is adapted to bear against the bosses or tubular connection between the sections and prevent the bracket from moving rearwardly at the place of that connection.

30 It will be understood that in all these forms of bracket forming a part of the foot-rest the bracket is formed with a hook adapted to take onto the radiator or some part thereof and hold the brackets and the bar thereon against downward pull forwardly, while at the same time the foot 6 6' 9 in each instance bears rearwardly against the radiator below the hook attachment and supports the brackets and the bar against falling down when held in place by the hook attachment.

40 In the form of bracket shown in Fig. 3 there is the additional toe 7 on each bracket, which may aid in the support of the foot-rest, though

as radiators are of various sizes and of different heights it is not deemed advisable to employ the toe-form of construction except only with standard sizes and forms of radiators.

It will be understood that the improved foot-rest may be made of such size as is desired, either with a bar extending in front of a radiator of four, five, or more sections, and that the foot-rest is adapted to be readily attached to the radiator when needed for use and as readily to be detached from the radiator when not needed for use to be put away out of sight.

What I claim as my invention is—

1. An attachable foot-rest for a radiator, comprising a plurality of brackets and a thereon-supported and connecting bar adapted to serve as a rest for the feet, each bracket being provided with a terminal hook, a foot lower than the hook, and a toe, the members having adaptation as follows: the hook to engage releasably a part of the radiator between the sections, the foot to bear against the sections below the engagement of the hook and the toe to rest on the floor below the foot.

2. An attachable foot-rest for a radiator, comprising a plurality of brackets and a thereon-supported and connecting bar, each bracket being provided with a terminal hook adapted to engage a part of the radiator between the sections and having a shoulder also adapted to engage the part between the sections and prevent rearward displacement of the bracket, and a foot adapted to bear against the radiator below the hook engagement and by its bracing action to support the bracket and its load.

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

J. CORA SMITH.

Witnesses:

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