

No. 645,828.

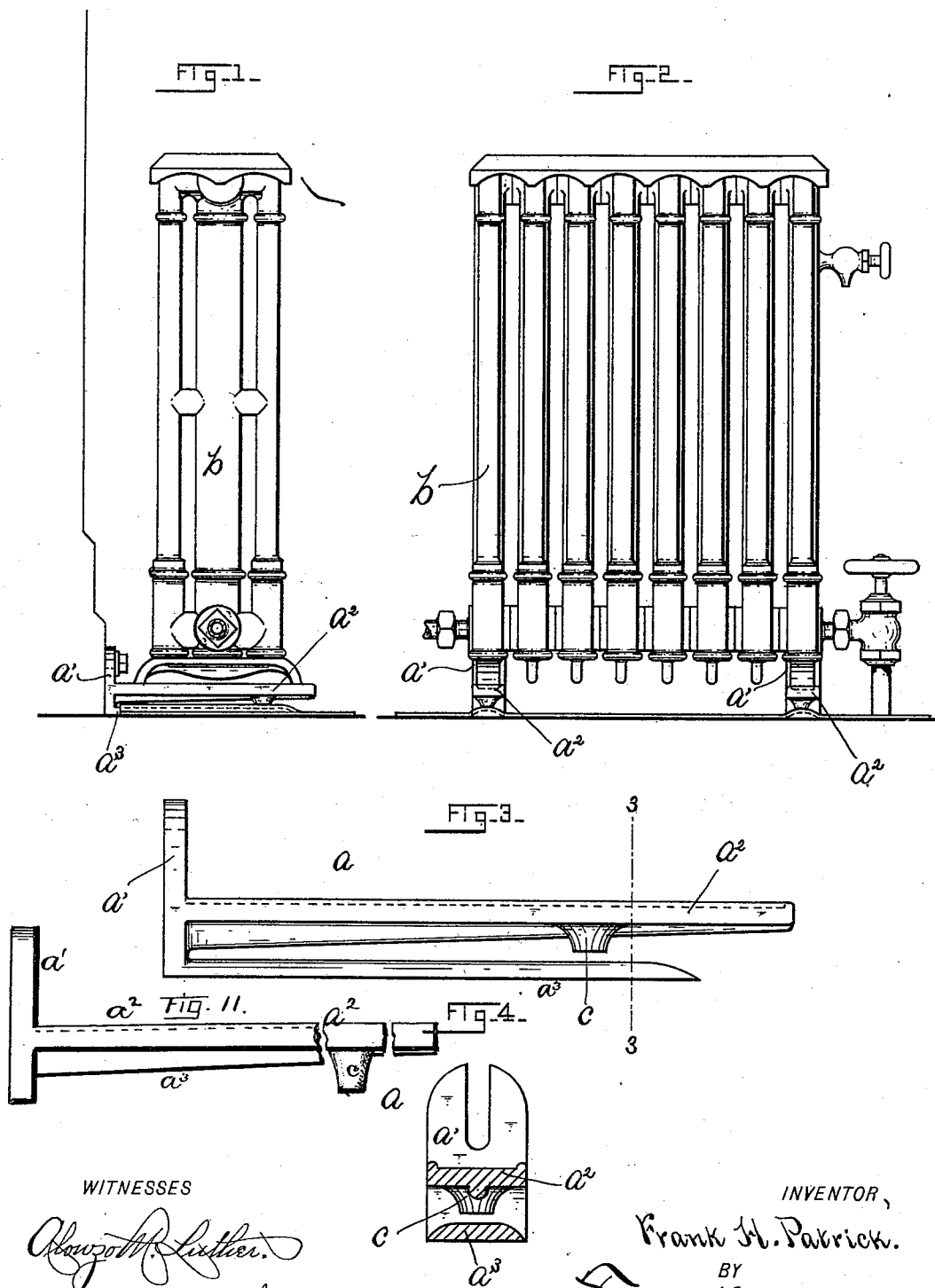
Patented Mar. 20, 1900.

F. H. PATRICK.
SUPPORT FOR RADIATORS.

(Application filed Oct. 15, 1898.)

(No Model.)

2 Sheets—Sheet 1.



WITNESSES

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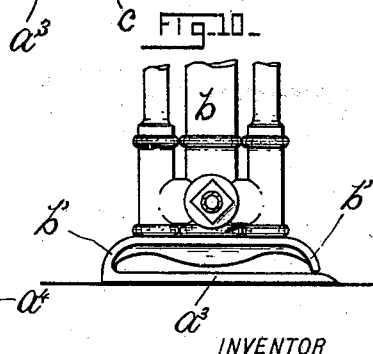
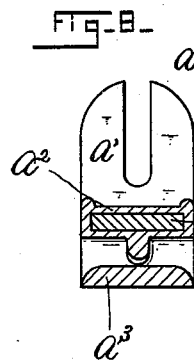
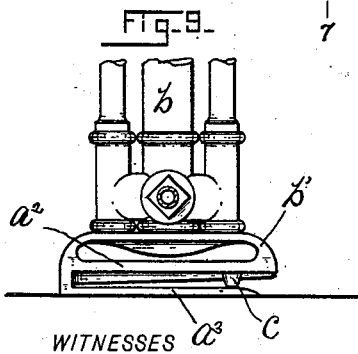
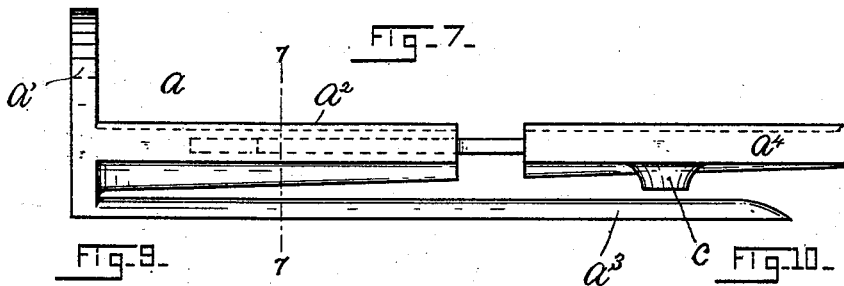
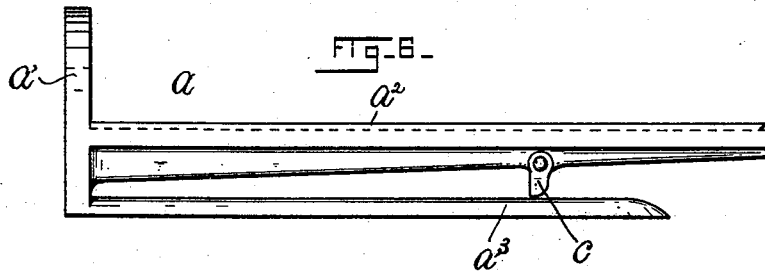
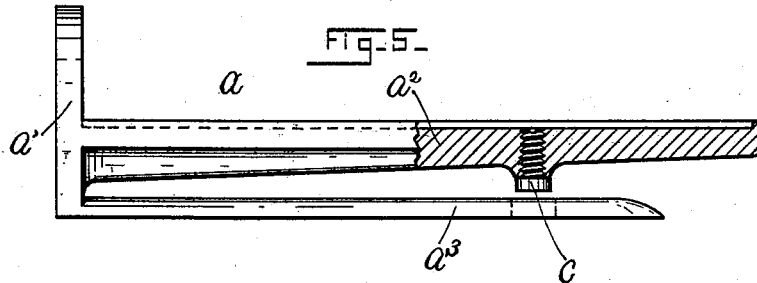
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2 Sheets—Sheet 2.



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FRANK H. PATRICK, OF NORWICH, CONNECTICUT.

SUPPORT FOR RADIATORS.

SPECIFICATION forming part of Letters Patent No. 645,828, dated March 20, 1900.

Application filed October 15, 1898. Serial No. 693,575. (No model.)

To all whom it may concern:

Be it known that I, FRANK H. PATRICK, a citizen of the United States, residing at Norwich, in the county of New London, State of Connecticut, have invented certain new and useful Improvements in Supports for Radiators, of which the following is a full, clear, and exact description.

The object of this invention is to provide a neat and substantial support for radiators, said support being of such construction that a carpet may be readily laid underneath said radiator and removed therefrom without disturbing the said supports.

Briefly described, the said invention consists of brackets adapted to receive and support the radiator in a position somewhat above the level of the floor, means being combined therewith for supporting the overhanging or free portion of the said brackets.

To aid in explaining my invention, I have provided the annexed drawings, in which—

Figures 1 and 2 show in end and side elevation, respectively, a radiator mounted upon my newly-invented supports. Fig. 3 is an enlarged side view of my said supports, and Fig. 4 is a cross-sectional view of the same on line 3 3. Figs. 5, 6, and 7 illustrate modifications of my invention, and Fig. 8 is a cross-sectional view on line 7 7. Figs. 9 and 10 illustrate still other modifications of my invention. Fig. 11 is a side view of a device embodying my invention without the arm a^3 .

In the drawings the reference-letter a indicates as a whole the bracket which embodies my invention. Said bracket is formed of a heel or base portion a' , that is adapted, as here shown, to be screwed securely to the base-board, and projecting from said base is a horizontal arm a^2 , that is of sufficient length to form a support for one end of a radiator b , the said arm a^2 being so elevated above the floor that sufficient clear space is provided to allow a carpet, rug, or other floor-covering to be freely slid underneath the radiator. A second arm a^3 , adapted to rest upon the floor, may be provided, if desired; but I do not consider it essential.

In order that the radiator, which is ordinarily of considerable weight, may not act to sag or depress the overhanging end of the arm a^2 , I provide on the lower side of said arm a

downwardly-extending spur or other projection c , that engages the floor or the arm a^3 , if the latter is provided, when the arm a^2 is sprung downward by the weight of the radiator, as above explained. The spur c thus acts to limit the sagging of the arm a^2 and to provide at all times a substantial support for the radiator.

When it is desired to slide a carpet under the radiator, it is only necessary to crowd the upper or free portion of the radiator toward the wall, when the arm a^3 and spur c will be raised sufficiently to allow the carpet to be readily slid under the said spur and over the lower arm a^3 , if the latter be provided. When the radiator is allowed to return to its normal position, the free end of the arm a^2 is depressed by the weight of said radiator until the spur finds a solid footing upon the carpet and floor.

In Fig. 6 the spur c is pivoted to the arm a^2 , and in Fig. 5 it is in the form of a screw that may be adjusted to vary its length.

In order to provide an arm that may support radiators of different widths, I may make arm a^2 of two parts, one of which, a^4 , is extensible on the main or fixed portion, as seen in Fig. 7, in which case the spur c is preferably a part of or secured to the adjustable portion a^4 , as it is desirable that the support for arm a^2 be located at or near the free end of said arm.

In the modifications in my invention (shown in Figs. 9 and 10) the said support is formed as a part of the radiator. In Fig. 9 the feet b' of the base portion of the radiator are formed as an integral part of the arm a^2 , and in Fig. 10 said arm is dispensed with entirely and its place is taken by the said base portion, the foot at one end of the latter being formed as an integral part of the portion a' of the device, and the foot at the other end of said base portion being adapted to engage the floor or the upper side of the arm a^3 in the same manner as the spur c .

My described radiator-support may be cheaply produced and renders unnecessary the cutting and fitting of carpets now so commonly practiced.

Having thus described my invention, I claim—

1. A radiator-support consisting of a heel

or base portion, and a spring or elastic arm extending outwardly beyond it, combined with means applied to the under side of the arm, and which rests upon the floor when the weight of the radiator causes the arm to sag or drop, substantially as shown.

2. The radiator-support consisting of a heel portion a' , an arm a^3 which rests upon the floor, and a second spring or elastic arm a^2 upon which the radiator is placed, and which arm a^2 extends outwardly beyond the lower one, combined with adjustable means applied to the outer end of the upper arm and which bears against the lower one, substantially as described.

3. A radiator-support consisting of the heel portion a' , an arm a^3 extending therefrom and resting upon the floor, and a second spring or elastic arm a^2 placed above the lower one, combined with an extensible portion provided with means upon its under side for resting upon the top of the arm a^3 , so as to form a support for the extensible portion, substantially as set forth.

Signed at Norwich, Connecticut, this 6th day of October, 1899.

FRANK H. PATRICK.

Witnesses:

ALONZO M. LUTHER,
FRANK H. ALLEN.