

O. LYNNE.

BACK.

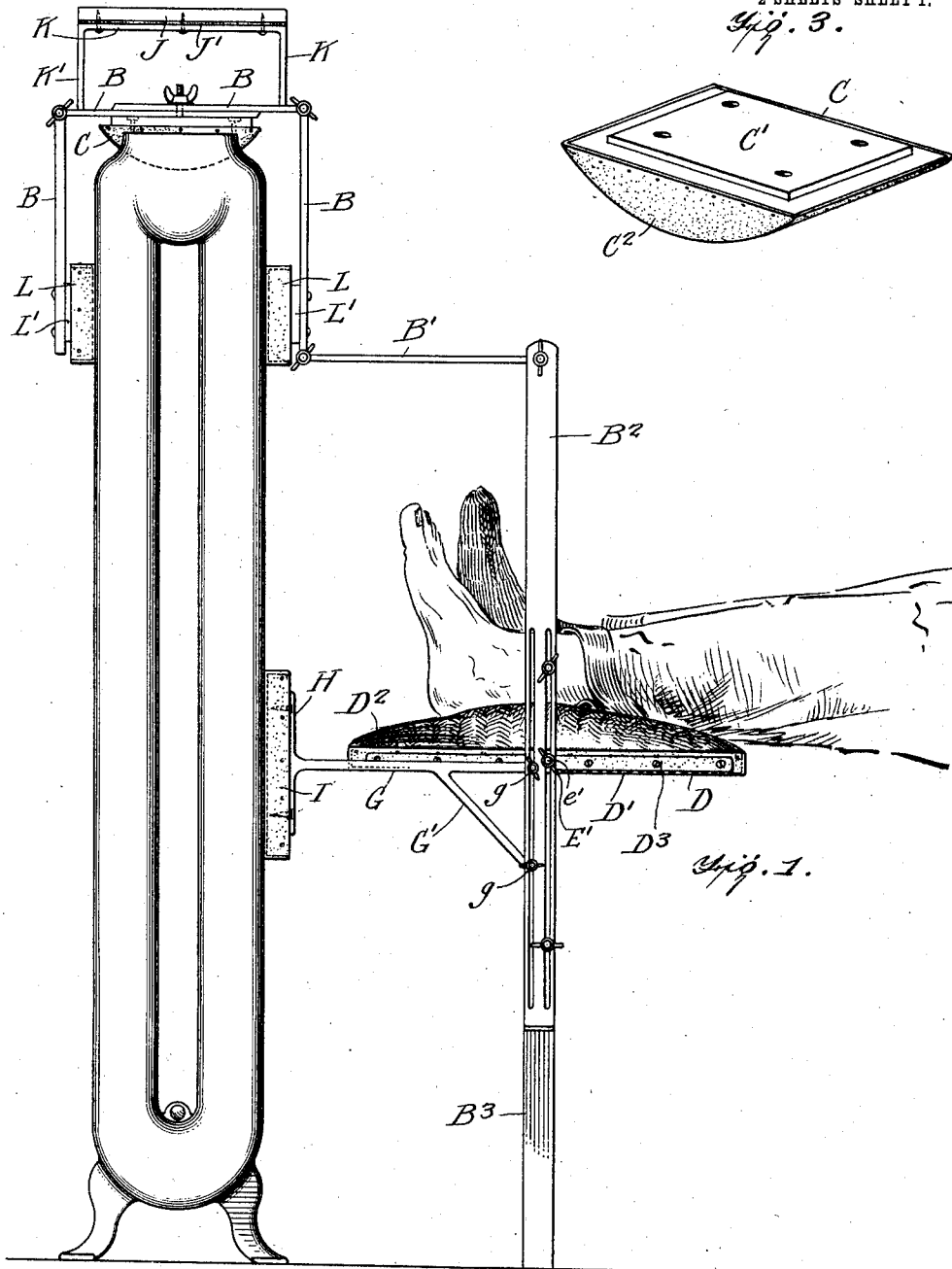
APPLICATION FILED JULY 24, 1911.

1,044,210.

Patented Nov. 12, 1912.

2 SHEETS—SHEET 1.

Fig. 3.



WITNESSES

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RACK.

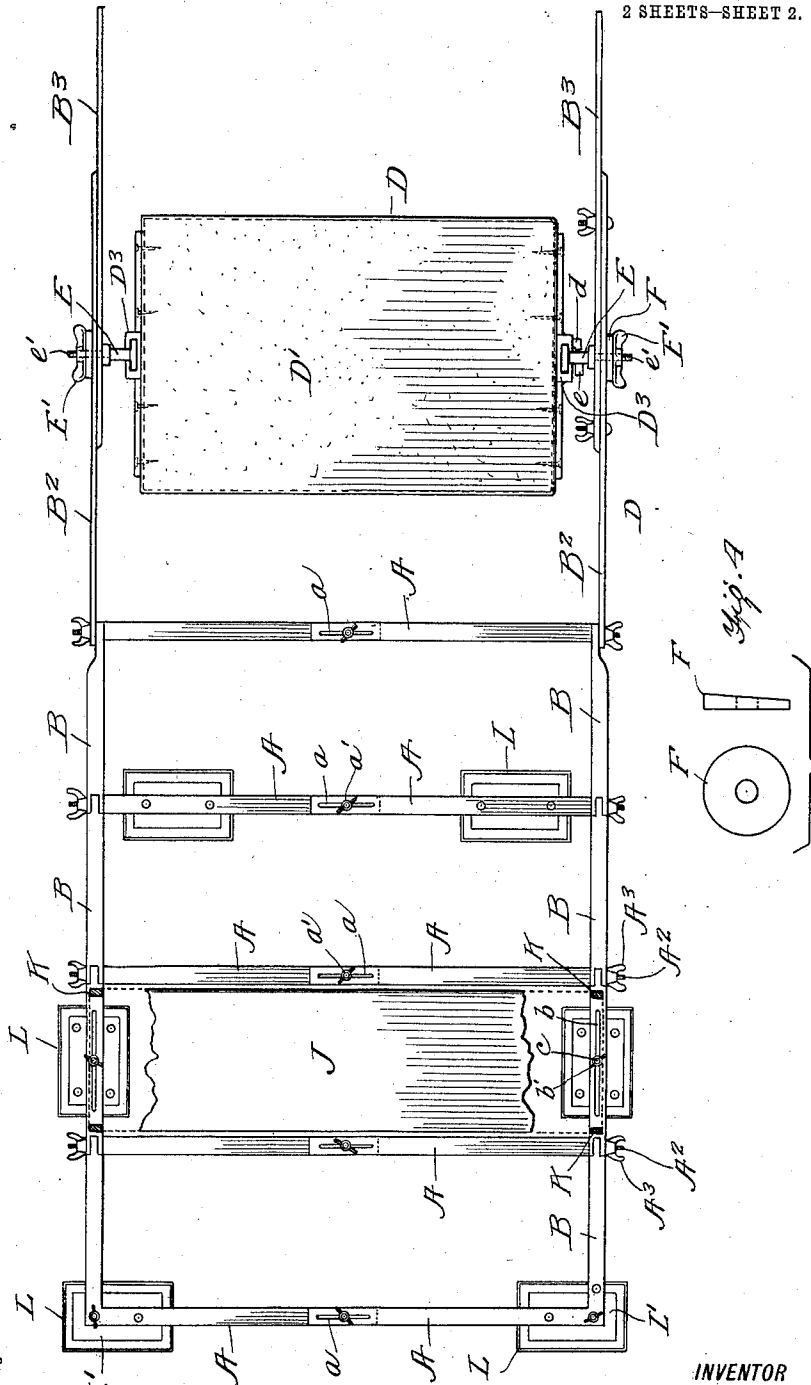
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2 SHEETS—SHEET 2.

App. 2.



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UNITED STATES PATENT OFFICE.

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RACK.

1,044,210.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ORMA LYNNE, a citizen of the United States, and a resident of New Orleans, in the State of Louisiana, have made certain new and useful Improvements in Racks, of which the following is a specification.

This invention relates to improvements in racks to hang or hook onto a radiator and to operate as a combination drying rack, foot rest and book shelf and has for its object to provide a device which is portable and adjustable to be attached to and detached from, steam, hot-water, gas and electric radiators to allow principally of a convenient and comfortable warming of the feet without burning the shoes or the feet. It may also serve as a chair for warming the back.

My invention consists in certain novel features of construction arrangement and combination of parts as will be hereinafter fully described and pointed out in the claims reference being had to the accompanying drawings in which:

Figure 1 is a side elevation showing my improvement in use as a foot warmer; Fig. 2 is a plan view of the device flattened out and before being placed in position; Fig. 3 is a perspective view of one of the heat insulating pads; and, Fig. 4 is a view of a wedge-shaped or tapering washer.

In carrying out my invention I use flat strips of metal or other suitable material forming a frame consisting of transverse bars A which overlap each other at the center being provided at these points with elongated slots *a* in which the thumb screws *a'* are placed so that the bars A may be adjusted on each other to increase or decrease the width of the frame. The ends of the bars A are reduced at *A*² and threaded, said threaded ends passing through the side bars B forming knuckle or hinge joints, and on the threaded ends *A*² are screwed the winged nuts *A*³ to tighten or loosen the joints. The side bars B are also overlapped and slotted as at *b* and carry the blocks C which have a plate *C'* screwed to one face a threaded bolt *c* projecting from said plate through the slots *b* and held there by winged nuts *b'*. The face of the blocks C that is to rest on the radiator is curved and covered with asbestos *C*² the edges of the asbestos covering being turned over the outside of the block C and tacked down. The blocks rest in between the convolutions of the radiator at

each end. The side bars are joined to the bars *B'* by hinge or knuckle joints these being in turn pivotally secured by hinge or knuckle joints to the upright bars *B*² which form supports for a foot rest or shelf D, which consists of a block covered on one face with asbestos *D'* similar to the block C and on its opposite face provided with a cushion *D*² as indicated in Fig. 1. At each end of the foot rest D plates *D*³ are secured and have riveted therein at the center the trunnion E one of which has a lug *e* projecting from one side adapted to engage a similar lug *d* arranged diametrically opposite on the hubs at the central part of the plates *D*³ of the foot rest D. The trunnion E is reduced and threaded, as at *e'* and projects through the overlapping slotted bars *B*² and *B*³, a tapered washer F being placed on the threaded end *e'* outside the bars *B*² and held there by a winged nut *E'*, so that the width of the frame may be adjusted by simply changing the position of the washer relative to the side bar.

The bars *B*³ rest on the floor and serve to form a support for the foot rest, but to prevent the foot rest and support from being pushed into the radiator or collapsing, I provide means at each side consisting of the horizontal bars G and the diagonal braces *G'* each having projecting threaded pins *g* which are adapted to be adjustably held in slots in the bars *B*² and *B*³ so that the brace may be adjusted vertically. H are plates usually made integral with the arms G, said plates being screwed to blocks I which are covered with asbestos similar to the blocks C and rest against the radiator coils. At J is represented a book shelf having its lower surface covered with asbestos, *J'* turned up on the edges and tacked, said shelf being supported on the cross bars K joining the upright bars *K'* extending upwardly from the side bars B. The shelf may be of any desired length and can be held in place by screws so that it may be removed and replaced at pleasure.

L are pads or blocks similar to blocks I which have plates *L'* and are secured to the end cross bars A and an intermediate cross bar by screws passing through said bars and into the wooden block, these blocks being faced with asbestos to prevent the heat from the radiator passing into the frame work of the rack and burning the person of any one coming in contact therewith.

The entire rack can be quickly removed and by loosening the joint it can be folded into small compass and packed away when desired.

5 The foot rest D shown in Fig. 1 is as stated pivotally supported by the trunnion E and this permits the rest to be swung one half way around to permit the asbestos covered side to come uppermost and upon which
15 small articles to be heated may be placed, and also one half way around in the opposite direction so that the cushion may come uppermost but the lug *e* coming in contact with the lug *d* will prevent it being swung
20 around in a complete circle and said lugs form a rest for the shelf.

It is of course obvious that the shape of the pads and other parts may be changed to suit the various shapes of radiators as they
25 are made of many different sizes, shapes and arrangements of convolutions. It will be seen that the part D will form an excellent seat whereby the back of a person may be warmed.

25 I claim:

1. An attachment for radiators consisting of a knock-down rack comprising horizontal and vertical extensible bars, forming front, top, and rear sections, said sections pivotally secured together, and a footrest or seat
30 vertically adjustable between the side bars of the front section and reversibly secured thereto.

2. An attachment for radiators consisting
35 of a knockdown rack comprising in combination longitudinal and transverse bars pivotally secured together at the ends, heat insulating pads adjustably secured to the longitudinal bars, insulating pads secured to

the transverse bars, said pads adapted to be
40 interposed between the rack and the radiator and bear when in position against the front, top and rear of the radiator and prevent heating of the rack, a footrest or seat
45 adjustably carried by the rack, and a brace adjustably carried by the vertical bars said brace having an insulating pad adapted to bear against the radiator.

3. A foldable knock-down rack for radiators consisting of a plurality of longitudinal
50 and transverse bars pivotally secured together at their ends to form front, top and rear sections, the longitudinal and transverse bars of each section being extensible and adjustable, heat insulating pads carried
55 by the longitudinal and transverse bars and adapted to be interposed between the rack and the radiator, a foot rest or seat reversibly and vertically adjustably held between the longitudinal bars of the front section,
30 and a brace vertically adjustable with respect to the front section, and having an insulating pad at its free end adapted to abut the radiator when in use.

4. An attachment for radiators consisting
65 of a knockdown rack comprising horizontal and vertical extensible bars, a reversible foot rest or seat carried by vertical bars, an adjustable brace extending from the vertical bars to the radiator, and heat insulating
70 pads secured to the horizontal and vertical bars and brace and adapted to bear against the radiator.

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Witnesses:

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