No. 726,349. PATENTED APR. 28, 1903.

S. L. RICHARDSON.

CLOTHES DRYING ATTACHMENT FOR STEAM RADIATORS.

APPLICATION FILED JUNE 6, 1902.

NO MODEL.

Fig. 1.

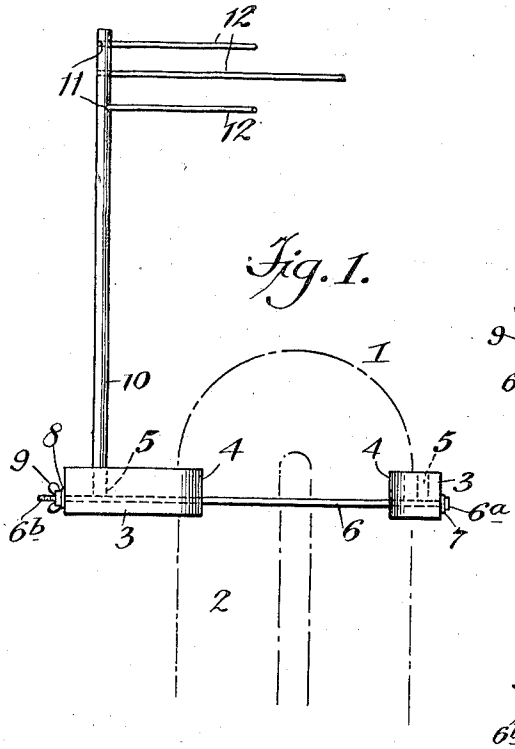


Fig. 2.

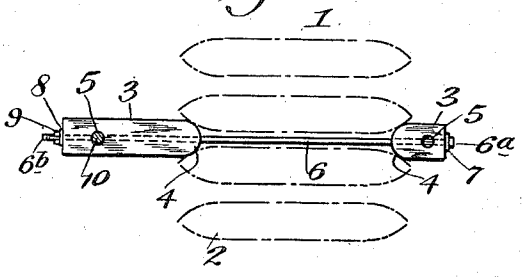


Fig. 4.

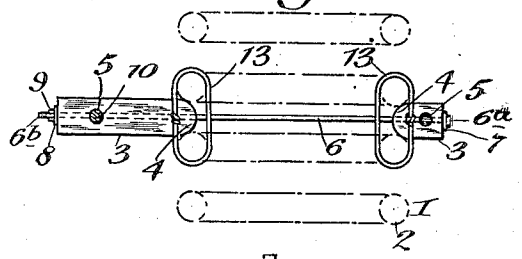
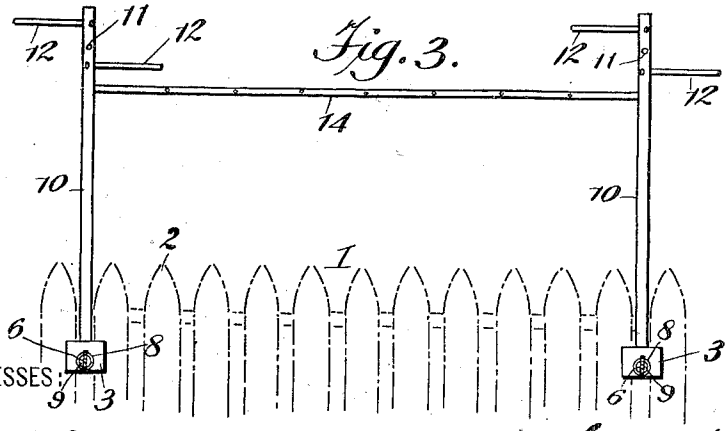


Fig. 3.



WITNESSES:

A. R. Applewaite

Hartwell P. Heath

INVENTOR

Samuel L. Richardson,

BY J. R. Littell

his ATTORNEY.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

SAMUEL L. RICHARDSON, OF NEW YORK, N. Y.

CLOTHES-DRYING ATTACHMENT FOR STEAM-RADIATORS.

SPECIFICATION forming part of Letters Patent No. 726,349, dated April 28, 1903.

Application filed June 6, 1902. Serial No. 110,422. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL L. RICHARDSON, a citizen of the United States, residing at New York, in the county and State of New York, have invented certain new and useful Improvements in Clothes-Drying Attachments for Steam-Radiators, of which the following is a specification.

This invention relates to clothes-drying attachments for steam-radiators, and has for its object to provide a device of the class described which will possess points of advantage in convenience, simplicity, inexpensiveness, effectiveness, and general efficiency.

Another object of the invention is to provide a device of the class described which can be readily taken apart for carriage or storage and which can be easily, readily, and quickly attached or detached from a radiator when it is desired to use the attachment.

In the drawings, Figure 1 is a side elevation of a clothes-drying attachment for radiators embodying my invention, showing radiator in broken lines. Fig. 2 is a plan view of the same, partly in section. Fig. 3 is a rear elevation of a modified form of the invention, showing the radiator in broken lines. Fig. 4 is a plan view of another modification, showing parts in section and parts in broken lines.

Corresponding parts in all the figures are denoted by the same reference characters.

Referring to the drawings, 1 designates a steam-radiator of the ordinary form now in use, in which the pipes 2, forming the radiator, are not provided with a separate member forming the top of the radiator. My improved attachment consists of base members provided with means for securing them on the radiator. Such base members in the form shown consist of two blocks 3 of any suitable material, preferably wood, having their opposed ends 4 rounded to fit between the opposite sides of two of the pipes 2 of the radiator 1. The blocks are bored longitudinally at a short distance from the bottoms and are provided in their upper surfaces with sockets 5. In the form shown the means of attaching the blocks 3 to the radiator 1 consists of a rod 6, which extends through the bores in the blocks 3 and is provided at one end with a head 6^a and at the other with screw-threads 6^b. In assembling the parts the rod 6 has a washer 7 first slipped upon it and is then inserted through the inner block 3 and then between two of the pipes 2 of the radiator 1, after which the outer block 7 is placed upon the rod 6 and a washer 8 placed on the rod 6 outside of the outer block 3. A wing-nut 9 is now screwed upon the end of the rod 6 and the blocks 3 brought firmly into contact with the opposite sides of the pipes 2 of the radiator 1. In the form shown means upon which to hang the clothes consist of a standard 10, the lower end of which is placed in the socket 5 in the outer block 3. The standard 10 is provided near its upper end with a plurality of holes 11, extending transversely through the standard 10 at angles to each other. Arms 12 are provided, one end of which is inserted in the holes 11 in the standard 10, so that the arms 12 will extend from the standard 10 in divergent lines over the radiator 1. The articles to be dried are placed upon the arms 12, and the heat rising from the radiator dries them. It is evident that the device described can be quickly and readily attached to a radiator and as easily detached therefrom.

In case the radiator 1 is of the pattern formerly used, in which each of the pipes is distinct and unsupported by the others except for the top, which is placed over the upper end of all of the pipes, the base-blocks 3 are arranged on opposite sides of two of the pipes of the radiator 1, the rod 6 passing between such pipes, and an oblong ring 13, preferably of wire, is placed over the said pipes to prevent their spreading apart when the wing-nut 9 is screwed up.

A modified form of the invention may be used which consists in arranging at the opposite ends of the radiator 1 two devices similar to that above described and providing the standards 10 with additional holes 11 directly opposite each other and placing a cross-bar 14 between said standards 10, with its ends in such additional holes 11. The cross-bar 14 is provided with arms extending at right angles thereto over the radiator 1.

The operation and advantages of my invention will be readily appreciated and understood. When it is desired to use the device, the blocks 3 are first secured, as described, upon the pipes 2 of the radiator 1. The stand-

ard 10 is then inserted in the socket 5 in the outer block 3 and the arms 12 inserted in the holes 11 in the standard 10. The device is now ready for use, and the articles can be placed upon the arms 12.

I do not desire to be understood as limiting myself to the details of construction and arrangement as herein described and illustrated, as it is manifest that variations and modifications may be made in the features of construction and arrangement in the adaptation of the device to various conditions of use without departing from the spirit and scope of my invention and improvements. I therefore reserve the right to all such variation and modification as properly fall within the scope of my invention and the terms of the following claims.

Having thus described my invention, I claim and desire to secure by Letters Patent—

1. A clothes-drying attachment for radiators, comprising two blocks having their opposed ends rounded to adapt them to fit between two adjacent radiator-pipes, and formed with sockets on their upper surfaces and longitudinal openings, a rod extending through said openings, a standard fitting said sockets, and a plurality of arms supported upon said standard at different angles of divergence.

2. A device of the class described, comprising two blocks having their opposed ends rounded and provided with sockets in their upper surfaces and with longitudinal holes near their bottoms, a rod extending through such holes and provided at one end with a head and at the other end with a wing-nut, a standard provided near its top with transverse holes at various angles and having its lower end resting in one of said sockets, and arms extending over the radiator and having one end inserted in said holes.

In testimony whereof I have signed my name in the presence of the subscribing witnesses.

SAMUEL L. RICHARDSON.

Witnesses:
HARTWELL P. HEATH,
LILLIE E. DUANE.