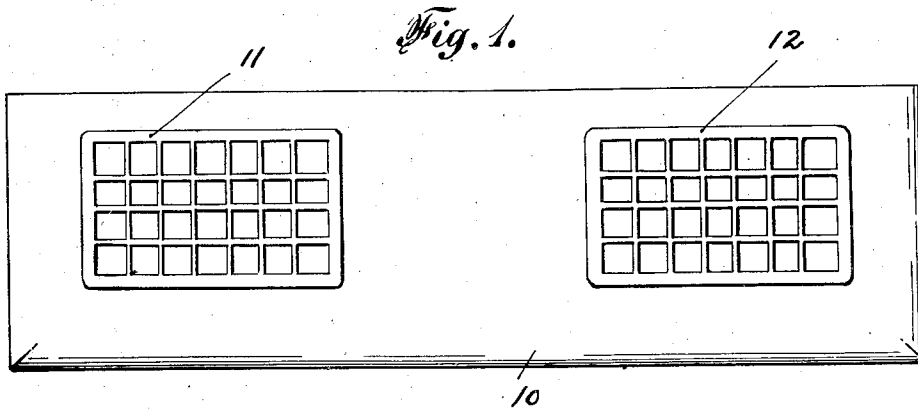
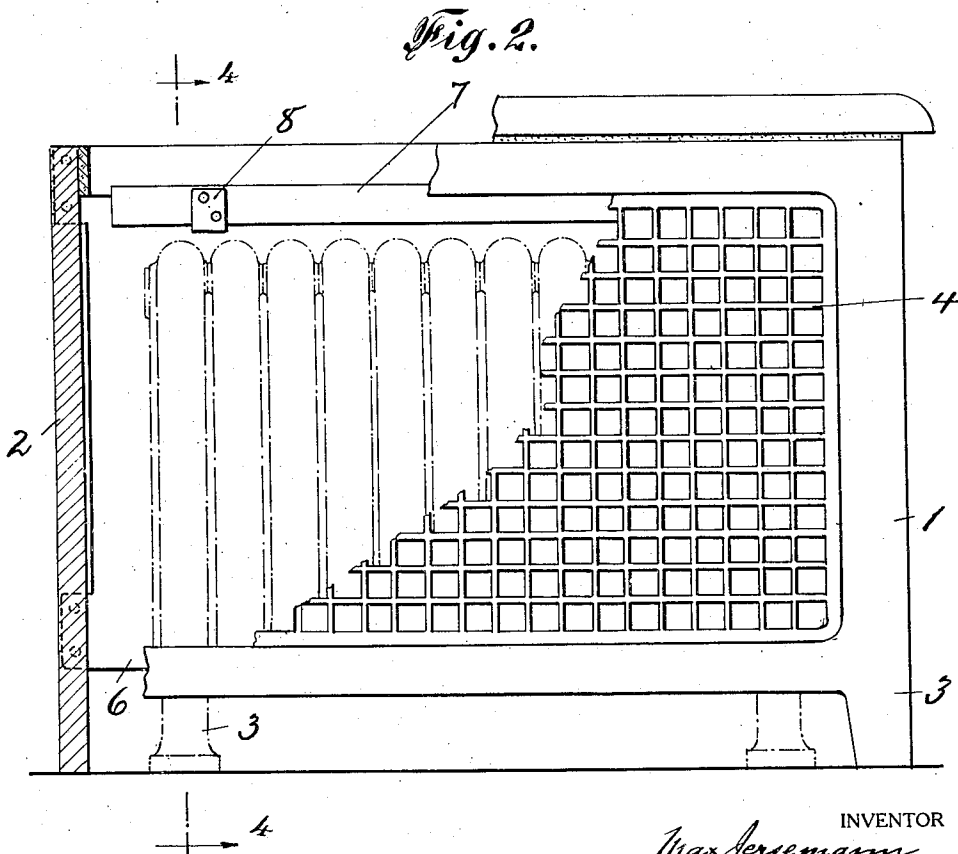


Feb. 16, 1926.

1,573,610

M. JERSEMAN
RADIATOR INCLOSURE
Filed Oct. 4, 1924

2 Sheets-Sheet 1



INVENTOR
Max Jerseman
BY *Alfred J. ...*
ATTORNEY

Feb. 16, 1926.

1,573,610

M. JERSEMAN
RADIATOR INCLOSURE
Filed Oct. 4, 1924

2 Sheets-Sheet 2

Fig. 3.

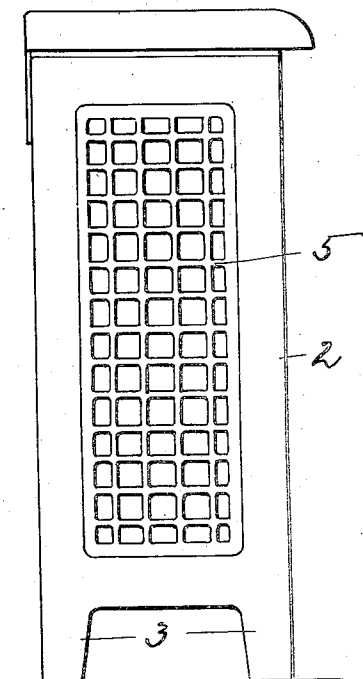


Fig. 4.

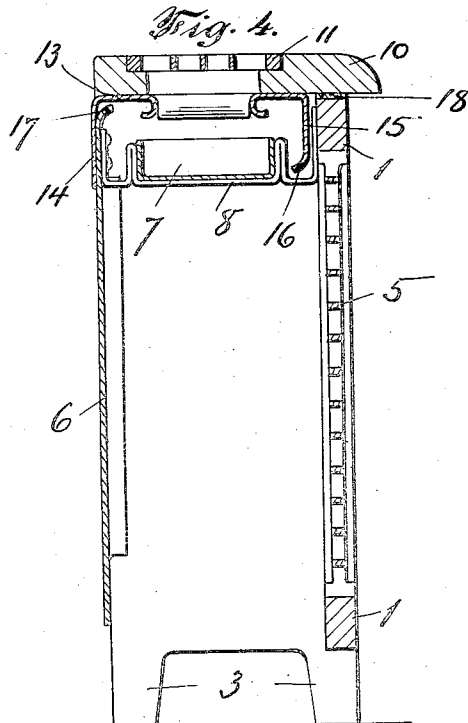


Fig. 5.

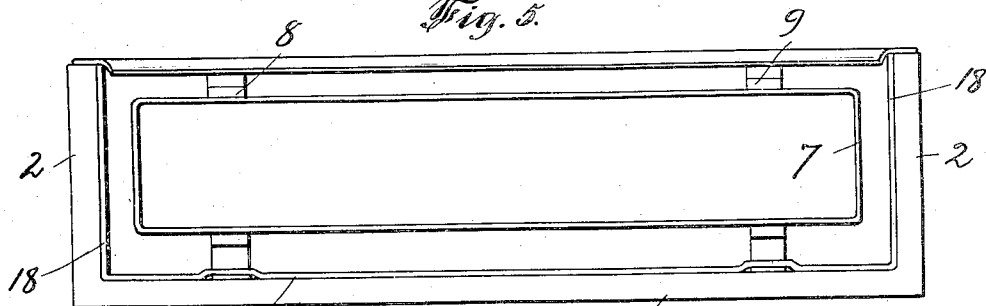
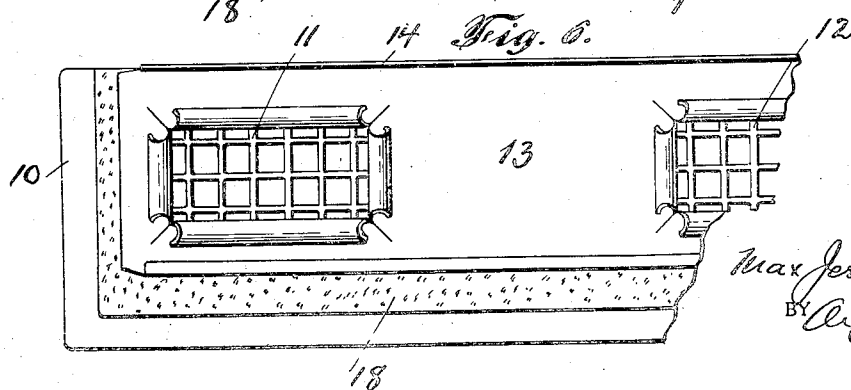


Fig. 6.



INVENTOR
Max Jerseman
BY *Alfred W. 2*
ATTORNEY

UNITED STATES PATENT OFFICE.

MAX JERSEMAN, OF BROOKLYN, NEW YORK.

RADIATOR INCLOSURE.

Application filed October 4, 1924. Serial No. 741,690.

To all whom it may concern:

Be it known that I, MAX JERSEMAN, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Radiator Inclosures, of which the following is a specification.

My invention relates to radiator inclosures, and the object of my invention is to produce a radiator inclosure which is inexpensive, easily put in place and can be matched to the furnishings of a room.

The radiator inclosure, according to my invention, is provided at the top with a water-basin being so placed that the heated air is compelled to pass over the surface of the water thus becoming moistened.

Furthermore, I provide the top of my radiator inclosure with means for trapping the dust particles suspended in the upwardly rising hot air currents.

Finally, the back of the radiator inclosure is made of a piece of sheet metal adapted to reflect the heat into the room.

In the drawing in which I have shown, by way of illustration, one embodiment of a radiator inclosure made in accordance with my invention, Fig. 1 is a top view of the same, Fig. 2 a front view, with a portion of the front wall broken away to show the radiator, and one of the side-walls shown in section; Fig. 3 is a side view, Fig. 4 a cross-section along line 4-4 in Fig. 2, Fig. 5 a top view with the cover removed and Fig. 6 an underside view of the cover.

The radiator inclosure consists in a casing open at the back, preferably of rectangular shape, and of a size to entirely surround the radiator to be inclosed. The casing comprises a front-section 1 and two side-sections 2, and is supported on feet 3, which, if desired, may be made in one piece with the front or side sections. The front- and side-sections are provided with openings, into which openings are placed grills, a large grill 4 being shown in the front-section 1 and smaller grills 5 being shown in the side sections 2. Instead of having a single large opening, the front section may be, of course, divided so as to provide for two or more openings of smaller size, into which grills are fitted.

The back of the casing is closed by a wall 6 of sheet metal which is fastened to the side sections 2 on the inside thereof, and

which reflects the heat into the room through the grills in the front- and side-sections of the casing.

In the top of the casing is provided an elongated shallow water basin 7 which is supported by straps 8, 9 fastened to the rear wall 6 and the inside of the front section 1, as clearly shown in Fig. 4. The dimensions of the said basin are such, that open spaces are left all around the basin for the currents of hot air to pass between the inner walls of the casing and the basin. The top of the casing being closed, except for small grill openings hereinafter referred to, the hot air will strike the surface of the water in the basin 7 and thereby become moistened ere it escapes into the room.

The top of the casing is closed by a cover 10, in which are provided two openings adapted to receive grills 11 and 12. To the inside of the cover is secured a piece of sheet metal 13 in which openings are provided corresponding to the grill openings, as shown more clearly in Fig. 6. The rear edge of that piece of sheet metal 13 is turned down at right angles forming the depending portion 14, which, as shown in Fig. 4, fits closely over the rear sheet-metal wall 6 of the casing, whereas the front edge of the piece of sheet metal is likewise turned down at right angles, forming a depending portion 15, which extends down into the casing and is curved inwardly toward the basin 7, as shown at 16 in Fig. 4. Likewise, the upper edge of the rear sheet metal wall 6 is curved inwardly toward the basin 7 as shown at 17 in Fig. 4, while the edges of the piece of sheet-metal 13, surrounding the grill-openings in the cover 10 are curled as shown more clearly in Fig. 6. These curled edges as well as the said inwardly curved edges form traps for the dust particles suspended in the rising currents of hot air thereby preventing those dust particles from escaping into the room.

The casing being made of wood, or similar light inexpensive material, the sections 1, 2 composing the casing and the cover 10 are lined on the inside with asbestos, or similar fire-proof material, as indicated at 18 in Figs. 2, 4, 5 and 6.

I claim as my invention:

1. In a radiator inclosure, a casing of wood, or the like, open at the bottom, comprising a front section and side sections having grill openings, a sheet-metal wall

forming the back of the said casing, a cover having grill openings for closing the top of the said casing, and a piece of sheet-metal secured to the inside of the said cover and
5 having a depending portion adapted to closely bear against the back of the said sheet-metal wall and provided with openings registering with the grill openings in the said cover, the edges of the said piece of
10 sheet-metal surrounding the said openings being curled back forming traps for the dust particles suspended in the currents of hot air.

2. In a radiator inclosure, a casing of
15 wood, or the like, open at the bottom, comprising a front section and side sections having grill openings, a sheet-metal wall forming the back of said casing, an open water basin arranged near the top of the said
20 casing so as to constantly expose the entire surface of the water to the action of the ris-

ing heated air, means for supporting the said basin clear of the inner walls of the said casing, a top for the said casing having grill openings, and a piece of sheet-metal
25 fastened to the inside of the said top and having openings corresponding to the grill openings in said top, the said piece of sheet-metal being formed with a depending portion adapted to lie close against the back of
30 the said sheet-metal wall and with another depending portion at the front extending toward the said basin and having an inwardly curved edge.

3. The structure as set forth in claim 2,
35 in which the said piece of sheet-metal on the inside of the said top is formed with curled over edges surrounding the openings in said piece of sheet metal.

In testimony whereof I affix my signature.

MAX JERSEMAN.