June 16, 1925. 1,542,227

H. J. FISHER ET AL

RADIATOR GUARD

Original Filed Nov. 15, 1922

Fig. 1.

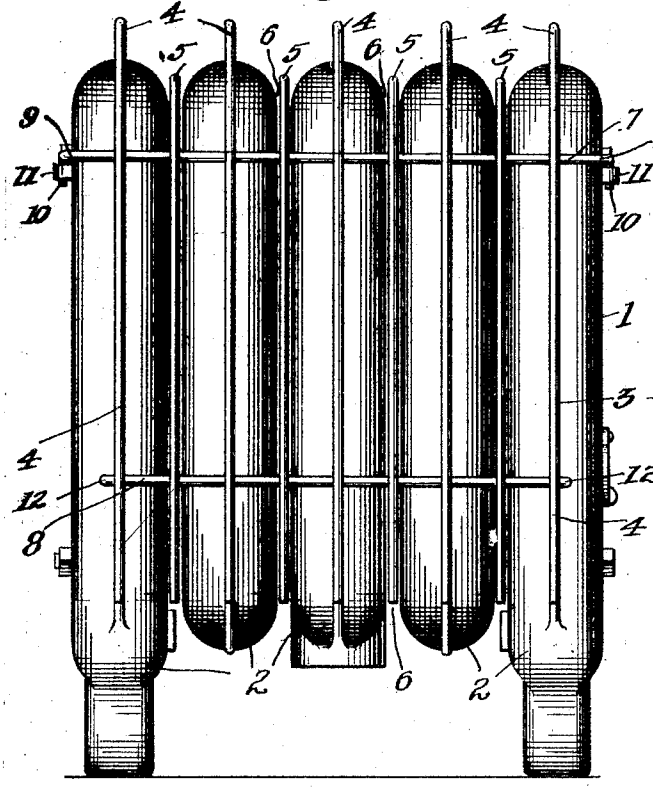


Fig. 2.

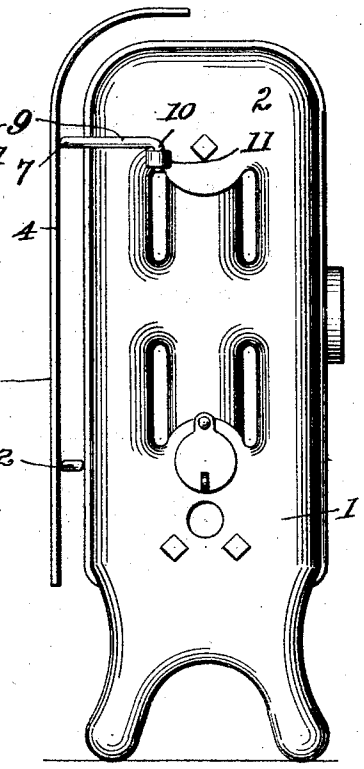
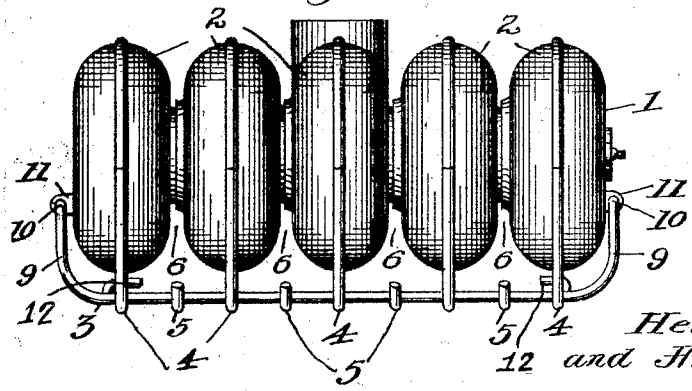


Fig. 3.



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UNITED STATES PATENT OFFICE.

HERMAN J. FISHER AND ARTHUR BETZ, OF PASADENA, CALIFORNIA, ASSIGNORS TO CROWN GAS RADIATOR COMPANY, OF PASADENA, CALIFORNIA, A CORPORATION OF CALIFORNIA.

RADIATOR GUARD.

Original application filed November 15, 1922, Serial No. 601,010. Divided and this application filed May 8, 1923. Serial No. 637,508.

To all whom it may concern:

Be it known that we, HERMAN J. FISHER and ARTHUR BETZ, citizens of the United States, residing at Pasadena, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in Radiator Guards, of which the following is a full, clear, and exact specification.

This invention relates to guards or fenders for radiators, and the present application is a division of our pending application for gas radiators filed November 15, 1922, Ser. No. 601,010.

It is the object of this invention to provide a guard especially designed for use with radiators heated by illuminating gas and which sometimes become so hot as to make it desirable to prevent children and others from accidentally coming in contact therewith. Other objects are to provide a guard for this purpose which is simple in construction, inexpensive to manufacture and which can be readily attached to and removed from the radiator as occasion requires.

The invention will be first hereinafter described in connection with the accompanying drawings, which constitute part of this specification, and then more specifically defined in the claim at the end of the description.

In the accompanying drawings, wherein similar reference characters are used to designate corresponding parts throughout the several views:—

Figure 1 is a front elevation of a radiator with our guard or fender applied thereto.

Figure 2 is an end view of said radiator and guard, and

Figure 3 is a plan view of the same.

The radiator 1 may be of ordinary form as shown and have a plurality of vertical sections or coils 2. The guard 3 is supported a short distance in front of the radiator to prevent accidental contact therewith. Said guard comprises a plurality of spaced vertical rods 4 and 5 conforming substantially to the straight front edges of the radiator sections 2 and to the curved upper corners of the same. Alternate ones of said rods 4 are preferably arranged to register with the ribbed edges of the radiator sections and extend above and partially across the tops of said sections, while the other rods may be shorter and arranged in line with the spaces 6 between the sections of the radiator, as at 5.

The vertical rods 4 and 5 of the guard are rigidly connected together by transverse or horizontal rods 7 and 8. The upper horizontal rod 7 has curved end portions 9 extending partially across the end sections of the radiator and having hooks 10 formed on their extremities to engage in perforated lugs 11 cast or otherwise secured to the radiator ends by which means the guard is detachably connected to the radiator. The spacing of the upper portion of the guard from the radiator depends, of course, on the position of the lugs 11 and the length of the bent or curved end portions 9 of the rod 7, and this spacing may be easily regulated by changing either the position of the lugs or the length of said end portions 9.

The lower horizontal bar or rod 8 has its end portions rebent or looped at 12 to rest against the front edges of the end sections of the radiator, whereby the lower portion of the guard may be spaced from the radiator the same distance as the upper portion of said guard. It will be noted that the spacing of the lower portion of the guard from the radiator may be regulated by varying the width of the loops or rebent portions 12 of said lower horizontal bar 8.

We claim:—

The combination with a radiator comprising the usual spaced vertical sections; of perforate lugs on the outer sides of the end sections and near the top thereof, a guard for said radiator comprising spaced parallel bars adapted to extend laterally of the radiator, right angularly disposed arms at the ends of the uppermost of said bars, downturned hooks on the ends of said arms to enter said lugs, the said bar being spaced

from said radiator when said hooks are engaged in said lugs, the other of said bars being shorter than the upper bar, looped portions at the ends of said other bar to engage with the sections of the radiator, and rods arranged in spaced parallel relation with each other and at right angles to said bars; the upper ends of certain of said rods bent inwardly to overlie portions of said radiator and spaced from the latter.

In testimony whereof we have signed our names to this specification.

HERMAN J. FISHER.
ARTHUR BETZ.