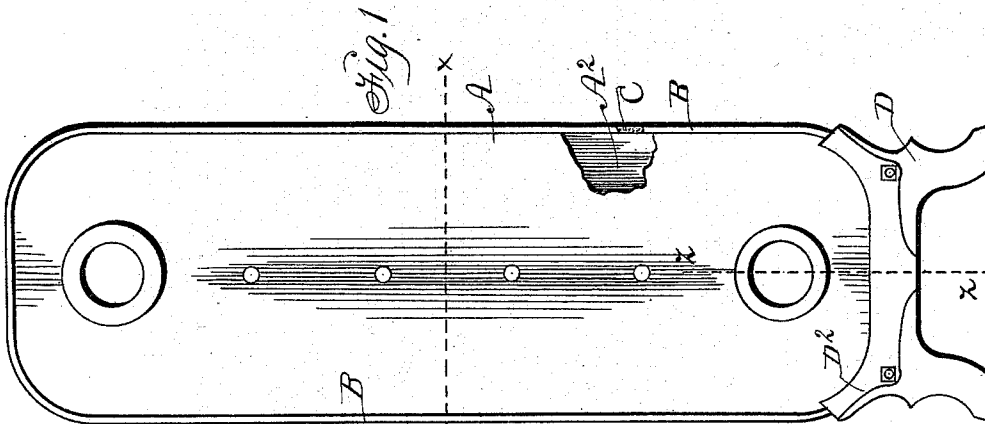
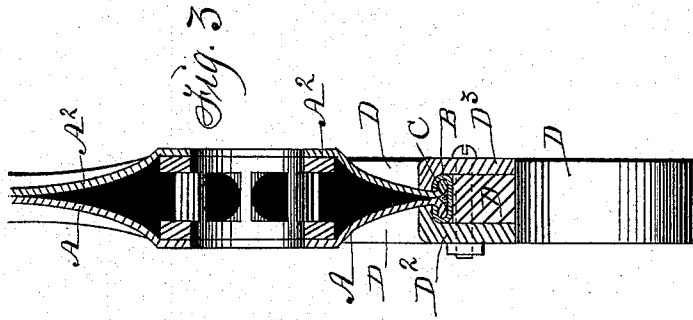


(No Model.)

L. S. BUNKER.
RADIATOR SUPPORT.

No. 573,259.

Patented Dec. 15, 1896.



Witnesses:
F. P. Green
R. C. Orwig.

Inventor: Leroy S. Bunker,
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UNITED STATES PATENT OFFICE.

LEROY S. BUNKER, OF WEBSTER CITY, IOWA.

RADIATOR-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 573,259, dated December 15, 1896.

Application filed August 10, 1895. Serial No. 558,826. (No model.)

To all whom it may concern:

Be it known that I, LEROY S. BUNKER, a citizen of the United States, residing at Webster City, in the county of Hamilton and State of Iowa, have invented new and useful Improvements in Radiator-Supports, of which the following is a specification.

My object is to provide a foot adapted to be detachably clamped fast to the flanged edge at the bottom of a radiator-loop to support a radiator; and my invention consists in the construction, arrangement, and combination of parts, as hereinafter set forth, pointed out in my claims, and illustrated in the accompanying drawings, in which—

Figure 1 shows one of my sheet-metal loops in an upright position and supported upon a cast-metal foot detachably clamped fast thereto. Fig. 2 is a sectional view on the line X X of Fig. 1, showing in detail the manner of joining the overlying edges of two mating overlying sheet-metal plates, as required to produce a continuous steam-tight seam and reinforced rigid and complete well-finished radiator loop or section. Fig. 3 is a sectional view on the line Z Z of Fig. 1, showing in detail the construction and application of the cast-metal foot.

The letters A and A² designate two mating sheet-metal plates adapted to be joined together at their edges. They have circular openings at points equidistant from their ends, so that the sections may be turned end for end, and have parallel outward bends extending longitudinally. Their continuous edges are bent outward and the triangular space between their outwardly-bent edges is filled with molten metal and united therewith. A strap of metal B is then placed over the flat surface of the edge produced by the filling of the triangular space between the contacting edges of the two plates to cover the metal filling C and the parallel edges of the strap doubled inward and over the raw edges of the mating plates and firmly pressed and fixed thereto to cover and conceal them, to reinforce the complete section, and also to produce a neat artistic finish and to adapt either end of the section to be clamped fast to the foot by means of flanged mating pieces, as clearly shown in Fig. 3.

It is obvious that a strong, durable, steam-tight joint is thus produced between the overlying parts of the radiator-section and a secure connection formed with the foot by means of the ribs or flanges extending laterally from the radiator-section and the flanged mating pieces of the foot fitted to the radiator-section and the foot.

D is the main portion of the cast-metal detachable foot, corresponding in size and curvature at its top with the end of the sheet-metal loop that rests thereon. It has recesses at its sides and top portions to admit detachable mating pieces D² and D³, that correspond in configuration and size with said recesses and are provided with flanges at their top edges adapted to overlie the strap B and flanged edge of the bottom end of the loop, as clearly shown in Fig. 3, in such a manner that the three parts of the foot can be readily clamped together and to the bottom of the loop by means of bolts and nuts passed through coinciding perforations in the overlying parts of the foot, as required to detachably fasten a foot to each end portion of a complete radiator composed of a series of loops or sections.

I claim as my invention—

1. A radiator-foot comprising a metal casting having recesses in its sides, and a metal piece fitted in each of said recesses and provided with an inwardly-turned top edge, and with bolt-holes coinciding with holes in the main portion of the foot, and bolts and nuts for clamping the parts together.

2. A radiator-foot comprising a metal casting having recesses in its sides and transverse bolt-holes, and a metal piece fitted in each of said recesses and provided with an inwardly-turned top edge, and with bolt-holes coinciding with holes in the body of the foot, in combination with the lower end of a radiator loop or section having a rib or outwardly-turned parallel flanges at its bottom end, and bolts and nuts for clamping the parts together.

LEROY S. BUNKER.

Witnesses:

C. F. SMISOR,
D. K. LINCOLN.