

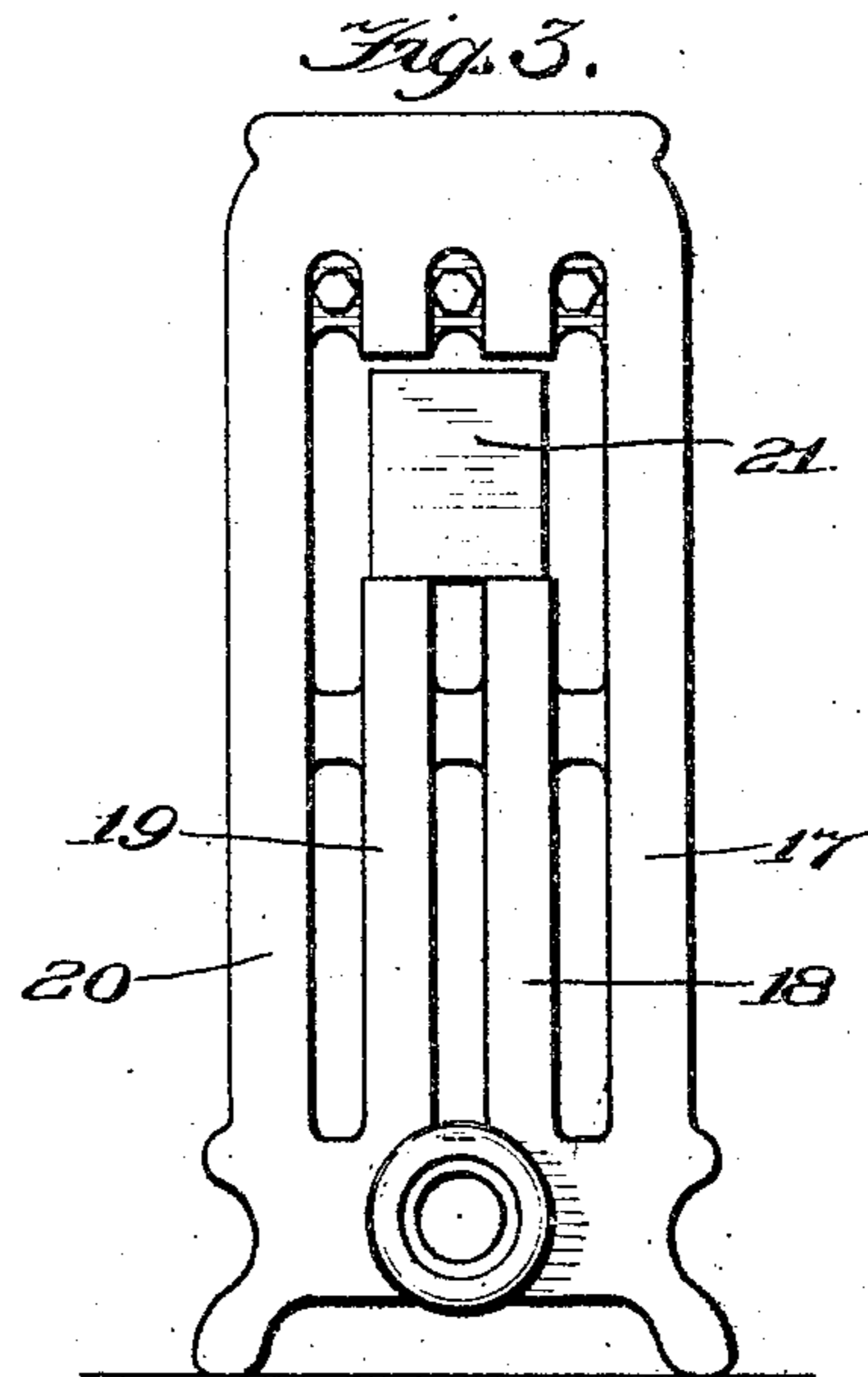
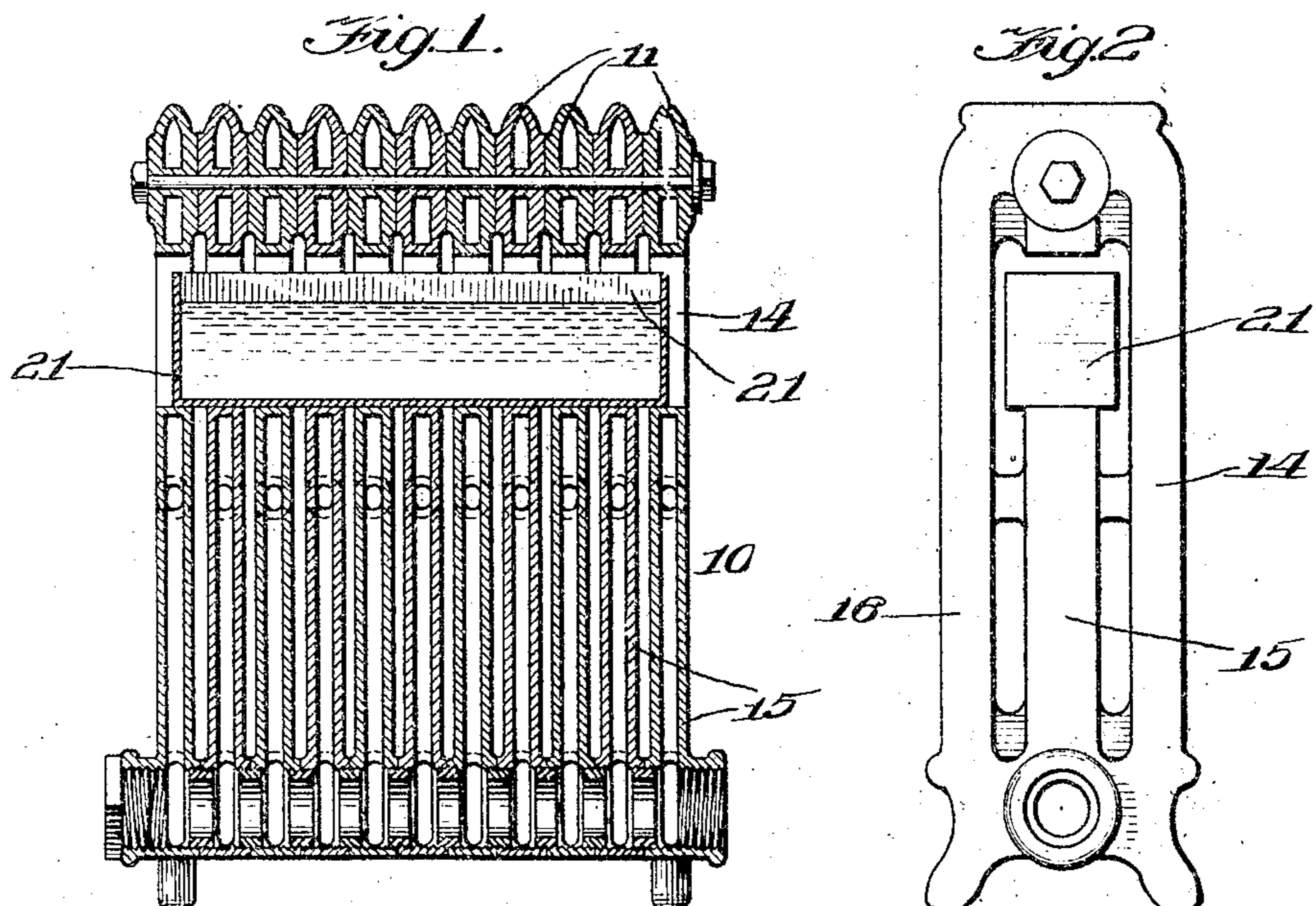
A. LANDON.

RADIATOR.

APPLICATION FILED MAY 24, 1905.

912,002.

Patented Feb. 9, 1909.



Witnesses:

Wm. H. Fagle.

Chas. B. Gilson.

Inventor:

Archer Landon.

by Louis A. Gilson
Atty.

UNITED STATES PATENT OFFICE.

ARCHER LANDON, OF BUFFALO, NEW YORK, ASSIGNOR TO AMERICAN RADIATOR COMPANY,
A CORPORATION OF NEW JERSEY.

RADIATOR.

No. 812,002.

Specification of Letters Patent.

Patented Feb. 9, 1909.

Application filed May 23, 1905. Serial No. 262,041.

To all whom it may concern:

Be it known that I, ARCHER LANDON, a citizen of the United States, and resident of Buffalo, county of Erie, and State of New York, have invented certain new and useful Improvements in Radiators, of which the following is a specification and which are illustrated in the accompanying drawings, forming a part thereof.

The invention relates to improvements in steam or water system radiators; and its object is to provide improved means for supplying moisture to the atmosphere in connection with such a radiator, the invention consisting in the structure hereinafter described, and which is illustrated in the accompanying drawings, in which—

Figure 1 is a central vertical longitudinal section of the improved radiator; and Figs. 2 and 3 are end elevations of such radiators showing modified forms of construction.

The invention is illustrated in connection with a radiator adapted particularly to be used in connection with a steam-heating system; its application to a water system radiator would involve no changes in the novel features.

There is represented in the drawings at 10 a radiator composed of a plurality of sections 11, suitably united, and each of such sections may comprise any desired number of columns, there being shown in Fig. 2 a radiator section having three columns 14, 15, 16, and in Fig. 3 a radiator section having four columns 17, 18, 19 and 20.

A chamber is formed in the upper portion of the radiator for receiving a tank 21, preferably oblong and of approximately the length of the radiator, and such tank being open at the top and being adapted to contain water, the evaporation of which will be stimulated by the heated radiator. The chamber for receiving the tank 21 is provided with a flat bottom upon which the tank may be seated, and this form of construction is secured

by shortening all or some of the inner columns, as 15, 18, and 19, of a radiator. The seat thus formed for the tank is a heated surface and insures the raising of the temperature of the water within the tank sufficiently to stimulate its evaporation. The tank may be readily removed from the chamber within which it is housed for the purpose of cleansing and refilling, and its ends may, if desired, be given any ornamental effect to bring them into harmony with the decorative scheme of the radiator itself.

I claim as my invention—

1. In combination, a radiator composed of a plurality of similar multi-column sections arranged with the corresponding columns of the several sections in horizontal alinement, the inner columns of each section terminating below the upper ends of the outer columns, and the upper ends of the outer columns of each section being connected by an arch whereby a chamber is formed extending longitudinally through the radiator adjacent its top, the upper ends of the inner columns of the sections constituting the floor of the chamber, and a tank seated upon such floor of the chamber and housed therein.

2. In combination, a radiator composed of a plurality of similar multi-column sections arranged with the corresponding columns of the several sections in horizontal alinement, the inner columns of each section terminating below the upper ends of the outer columns, and the upper ends of the outer columns of each section being connected by an arch whereby a chamber is formed extending longitudinally through the radiator adjacent its top, the upper ends of the inner columns of the sections constituting the floor of the chamber, and a tank housed within such chamber.

ARCHER LANDON.

Witnesses:

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