

(No Model.)

O. F. GRANT.
CRADLE FOR BATH TUBS.

No. 455,615.

Patented July 7, 1891.

Fig. 1.

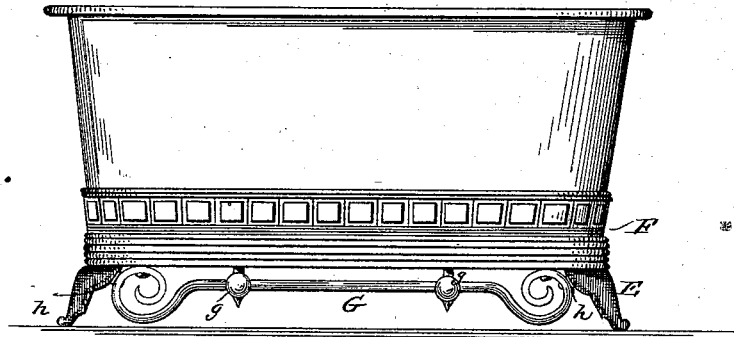


Fig. 2.

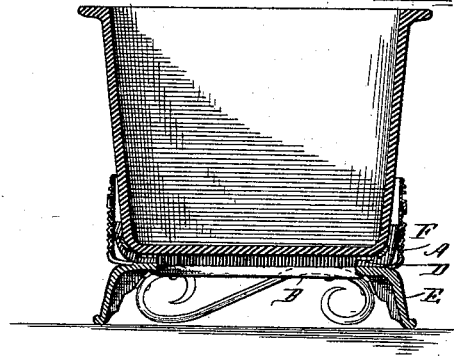


Fig. 3.

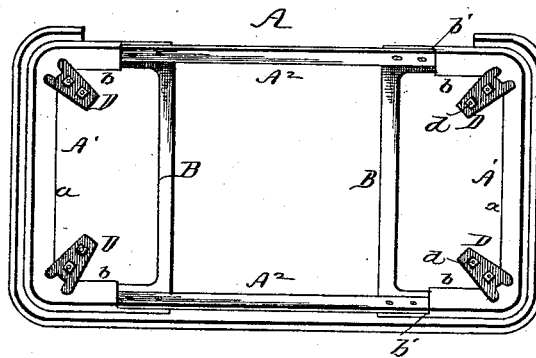
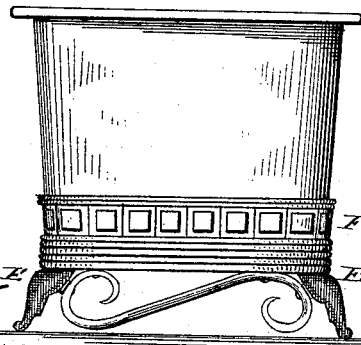


Fig. 4.



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UNITED STATES PATENT OFFICE.

OSCAR F. GRANT, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR TO THE
STANDARD MANUFACTURING COMPANY, OF SAME PLACE.

CRADLE FOR BATH-TUBS.

SPECIFICATION forming part of Letters Patent No. 455,615, dated July 7, 1891.

Application filed June 25, 1890. Serial No. 356,662. (No model.)

To all whom it may concern:

Be it known that I, OSCAR F. GRANT, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Cradles for Bath-Tubs; and I do hereby declare the following to be a full, clear, and exact description of the invention, reference being had to the accompanying drawings, which form part of this specification.

This invention has relation to ornamental bases for cast-iron bath-tubs, and has for its object the provision of a novel structure which shall constitute a highly-ornamental base for a cast-iron tub otherwise devoid of special ornament, and which shall at the same time serve as a cradle, spider, or frame to support the tub above the floor.

My invention consists in the novel construction, combination, and arrangements of parts hereinafter described.

In the accompanying drawings, Figure 1 is a front elevation of the bath-tub base structure applied to a bath-tub. Fig. 2 is a transverse vertical sectional view of the same. Fig. 3 is a plan view of the base, and Fig. 4 is an end view of the same.

The main feature of my invention is the mechanical structure constituting the bath-tub support, the ornamental features being supplementary thereto.

Cast-iron bath-tubs have heretofore been formed with lugs on their bottoms to receive the legs, which are fastened directly to the tub by being slipped into dovetail channels in the lugs after the manner of stove-legs.

My present invention contemplates the omission of the lugs from the bottom of the tub or their non-utilization, the legs being fastened instead to the base structure.

For the purposes of my invention I provide an oblong substantially-rectangular frame A, and for convenience of manufacture, fitting, &c., I build the same in several parts or sections, such as the two skeleton castings A' A' and the wrought-iron connecting-bars A² A², riveted or bolted to the frames A' A'.

The frames A' A' each consist of a rectan-

gular or nearly-square casting composed of the end pieces *a*, side pieces *b*, which are dished or made concave on their inner surfaces to coincide with the rounded corners of the bottom of the bath-tub and the inner cross-braces B B, which are sunk so as to fall below the bottom of the tub. The side pieces *b b* are formed with recesses or rabbets at *b'*, having their inner surfaces inclined, so as to receive the ends of the bars A² and allow the latter to lie flush, or nearly so, with the inner surfaces of the pieces *b*. At the inner angles or corners formed at the junction of the pieces *a b* are formed the inwardly-projecting diagonally-arranged lugs D D, which lie below the convex sides of the pieces *a b* and have fastened to them by means of bolts *d d* the tops of the legs E E. The frame A as thus constructed constitutes a substantial and portable support for the tub, which is simply placed on the frame so as to rest down within the frame, as shown in the drawings, Fig. 2.

Instead of making the frame A in several sections bolted or riveted together, it is obvious that it may, if desired, be cast in one piece without departing from the spirit of my invention.

The ornamental features which by reason of the use of the frame A, I am enabled to add to the completed structure may be made in a variety of ways. The form shown in the accompanying drawings is merely suggestive, but embodies such mechanical features as will be necessary in any case.

F designates a frame or fender designed to be made of sheet brass ornamented by having various figures struck up, so as to appear in relief on the outer surface. This frame or fender is secured to the legs E E by means of a fanciful rail or rod G, which is also attached to the fender or frame by brackets *g g*. In order to secure the rail G or any other ornamental device, such as a cornice, to the legs E, the latter are cast with lugs *h*, to which said rail or cornice is riveted or bolted. The lower edges of the frame or fender F are bent inwardly and under the frame A, and may, if necessary, be fastened thereto.

The tub when resting upon the frame A is

surrounded at its base by the ornamental fender F, which adds greatly to its attractiveness without adding much to its cost.

5 Having fully described my invention, I claim—

The combination, with the metallic structure A, mounted on legs E E and constituting a frame or cradle for the reception and support of a bath-tub, of an ornamental frame or

fender inclosing said cradle and secured to the same, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 13th day of May, 1890.

OSCAR F. GRANT.

Witnesses:

W. H. BRADSHAW,
E. F. GREGG.