(No Model.)

C. J. EVERETT.

ADJUSTABLE FRAME FOR LAUNDRY TUBS.

No. 378,580. Patented Feb. 28, 1888.

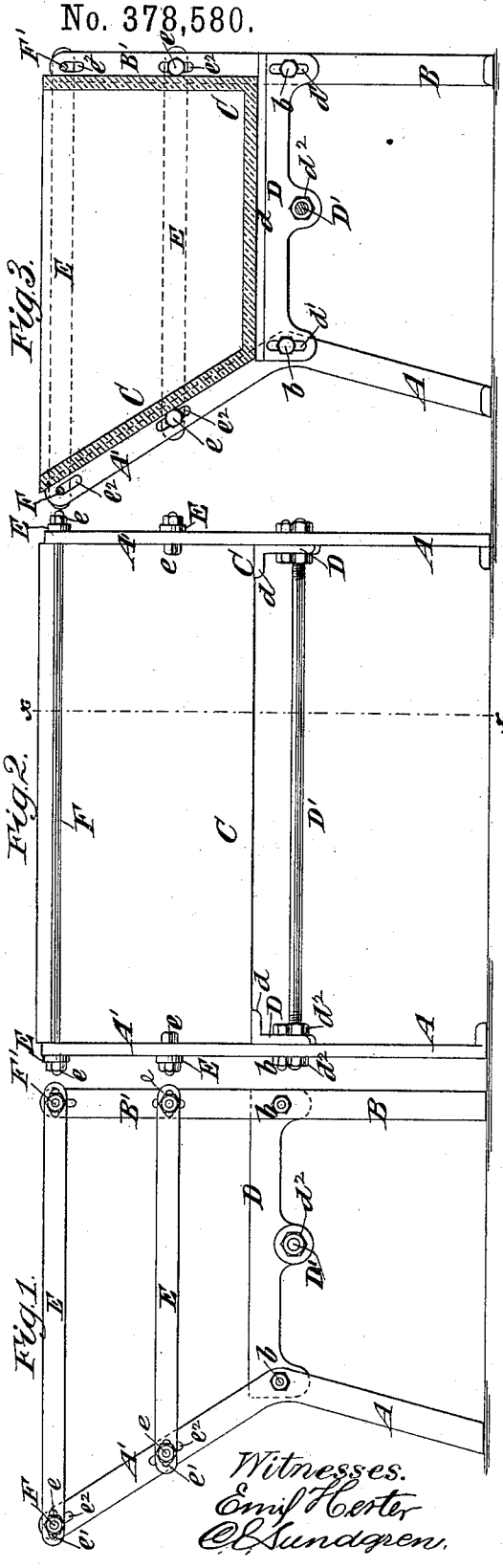


Fig. 3.

Fig. 2.

Fig. 1.

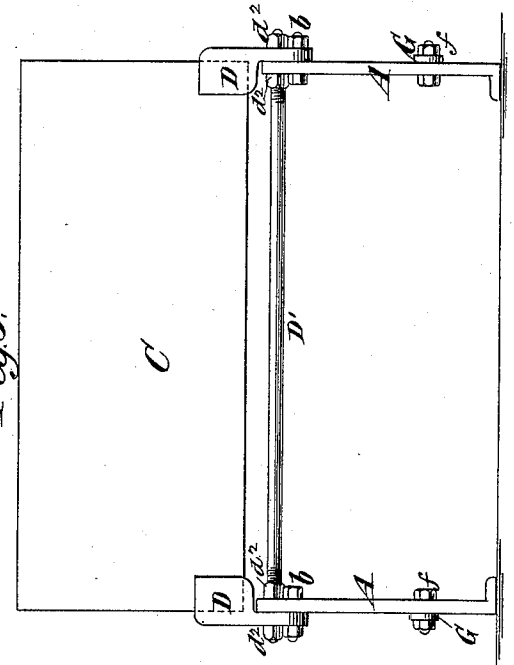


Fig. 5.

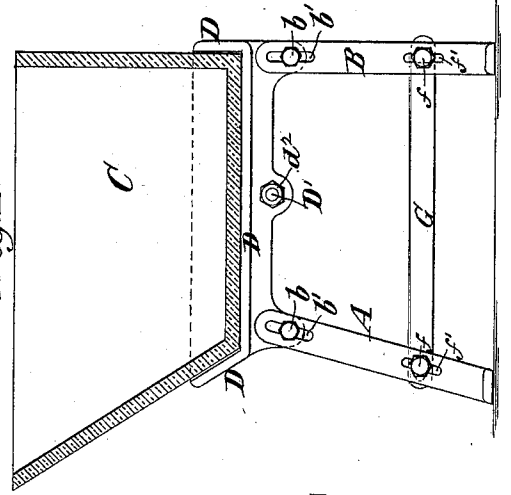


Fig. 4.

Witnesses.
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UNITED STATES PATENT OFFICE.

CHARLES J. EVERETT, OF TENAFLY, NEW JERSEY.

ADJUSTABLE FRAME FOR LAUNDRY-TUBS.

SPECIFICATION forming part of Letters Patent No. 378,580, dated February 28, 1888.

Application filed March 3, 1887. Serial No. 229,533. (No model.)

To all whom it may concern:

Be it known that I, CHARLES J. EVERETT, of Tenafly, in the county of Bergen and State of New Jersey, have invented a new and useful Improvement in Adjustable Frames for Laundry-Tubs and Analogous Vessels, of which the following is a specification.

My invention relates to supporting-frames for porcelain or stone laundry-tubs and other analogous vessels—such as stone horse-troughs, sinks, &c.; and the object of my invention is to provide for the ready adjustment of the parts of such frames, in order to adapt them for tubs or analogous vessels having uneven surfaces, or for use on uneven floors. Such tubs or vessels have been heretofore supported upon frames; but the parts directly supporting the tubs or vessels have not been capable of adjustment relatively to the legs or other parts, and it has been frequently necessary to wedge up the tubs or vessels upon the frames at one or both ends, or else to wedge up the legs, in either case the tub or vessel not being secured as rigidly and safely as is desired.

In carrying out my invention I provide a frame for the purpose having legs and flanged supports or bearers which serve to directly support the vessel and are adjustably secured to the legs, to provide for their independent adjustment both as to height and inclination, and these flanged bearers or supports preferably are connected by a brace-rod or stretcher which extends between them and has its ends adjustably connected with them. In connection with the legs and the adjustable supports or bearers on which the vessel may rest I preferably employ bars which inclose or surround the vessel above the flanged and adjustable supports or bearers, and are adjustably connected to adapt them for variation in the size or form of vessels.

In the accompanying drawings, Figure 1 is an end elevation of a frame embodying my invention. Fig. 2 is a front elevation of the frame with a laundry-tub in place therein. Fig. 3 is a transverse vertical section upon about the plane indicated by the dotted line *x x*, Fig. 2; and Figs. 4 and 5 are respectively a sectional elevation and a front view similar to Figs. 3 and 2, and illustrating a modification of my invention in which the tub is confined in flanged bearers adjustable both as to height and inclination, and in which the upper portion of the tub is uninclosed or unconfined.

Similar letters of reference designate corresponding parts in all the figures.

Referring, first, to Figs. 1, 2, and 3, A B designate front and back legs, which are prolonged upward to the top or nearly the top of the tub C, forming uprights A′ B′. The tub C, which may be of stone, porcelain, or other material, is supported directly by flanged bearers or supports D, the form of which is best shown in Figs. 1 and 2, and which have at their upper edges laterally-extending flanges *d*, on which the tub C is supported. These flange supports or bearers D are connected with the legs to provide for their independent adjustment relatively to the legs both as to height and inclination. I have shown them as secured to the legs A B by bolts *b*, and I have represented the bearers or supports D as formed with slots *d′*, receiving the bolts *b*, and providing for adjustment of the bearers or supports D in the manner described. I have likewise shown the supports or bearers D as connected by a brace-rod or stretcher, D′, which has its ends adjustably connected by nuts d^2 or otherwise with them, and which therefore provides for the adjustment of the supports or bearers D and the bars or legs A B at opposite ends of the stretcher nearer to or farther from each other. In this example of my invention I inclose or surround the tub C to its upper portion by adjustably-connected bars or rods. I have here represented at each end of the frame side bars, E, and I have shown front and back rods or stretchers, F F′, which confine the tub C upon its four sides. The bars E are secured to the uprights A′ B′ by bolts and nuts *e*, which pass through slots *e′* in them, and also, preferably, through slots e^2, formed in the uprights A′ B′, to provide for adjusting the bars E E at different heights. The adjustment of the bolts *e* in the slots e^2 will also serve to vary the length of the side bars, E, between the bolts and the slots *e′* in the side bars provided for such adjustment. I have here represented the bolts *e*, which secure the upper side bars, E, as formed upon the ends of the front and back brace-rods or stretchers, F F′.

It will be observed that both the flanged

supports or bearers D may be raised or lowered independent of each other at either end or bodily, and this adjustment enables them to be adapted to the bottom of the tub C whether it be straight or warped or twisted, as it is very apt to be, owing to the drying operation to which it is subjected if formed of cement or ceramic ware.

In the examples of my invention shown in Figs. 4 and 5 the flanged supports or bearers D, which embrace the front and back and ends of the tub C, are connected by an adjustable brace-rod, D′, as above described, and are connected by bolts *b* with the front and back legs, A B. In this example of my invention slots *b′*, which receive the bolts *b*, and which are formed in the legs A B, provide for adjusting the bearers D both as to height and inclination, and each pair of legs A B is connected by a cross-piece or stretcher, G, secured to the legs by bolts *f*, passing through slots *f′*, thus providing for the adjustment of the legs toward and from each other.

I am aware of Patent No. 237,391, granted to Kruse February 8, 1881, for an improvement in cigar-bundling machines, and I do not seek to cover by my claims any combination of elements such as are shown in that patent. That patent comprises two adjustable end portions—adjustable toward and from each other by means of a screw—and side bars which are permanently secured to one end portion and have a screw-and-slot connection with the other end portion, in order that such end portions may be secured at a fixed distance apart. I do not find in this patent any flanged bearers similar to my bearers D, and which are adjustable both as to height and inclination, and which are an indispensable element of my structure.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The frame for supporting stone or porcelain laundry-tubs and other analogous vessels, having legs and flanged supports or bearers D, which serve to support the vessel through its bottom and are adjustably secured to the legs, to provide for the independent adjustment of the bearers D both as to height and inclination, substantially as herein described.

2. The frame for supporting stone or porcelain laundry-tubs and analogous vessels, having legs, and flanged supports or bearers D, adjustably connected with the legs, to provide for their independent adjustment both as to height and inclination, and a brace-rod or stretcher extending between said supports or bearers, and having its ends adjustably connected with them for varying their distance apart, substantially as herein described.

3. The frame for a laundry-tub or other analogous vessel, composed of legs, supports, or bearers on which the vessel may rest, and which are adjustable both as to height and inclination relatively to the legs, and bars above the bearers D, for inclosing or surrounding the vessel, and adjustably connected, to adapt them for variations in the size or form of vessels, substantially as herein described.

4. The combination, with the legs and uprights A A′ B B′ and the supports or bearers D, having bolt-and-slot connections with the legs, of the brace-rod D′, the side bars, E, having bolt-and-slot connections with the uprights, and the front and back rods, F F′, having bolt-and-slot connections with the uprights, substantially as herein described.

CHAS. J. EVERETT.

Witnesses:
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