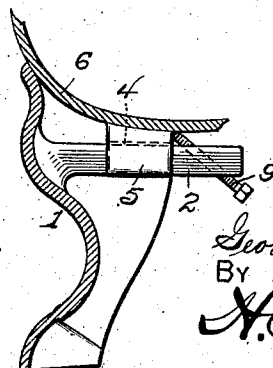
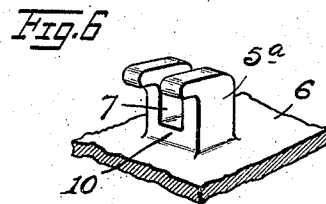
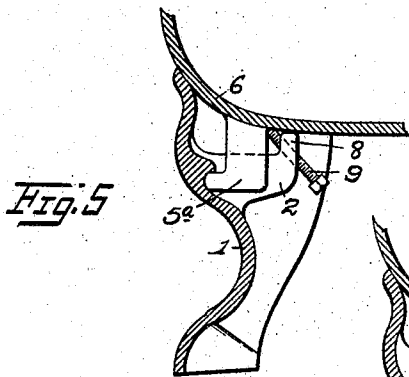
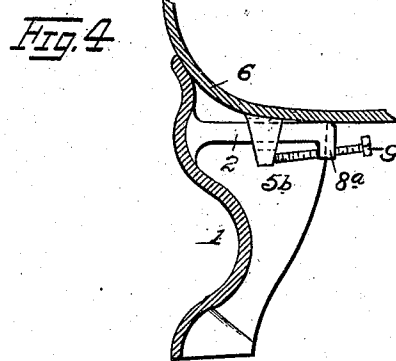
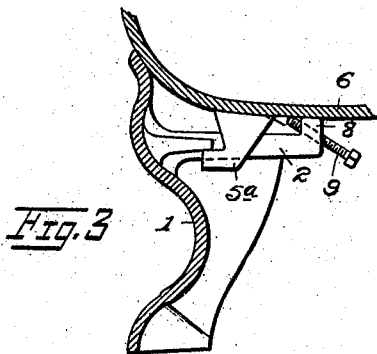
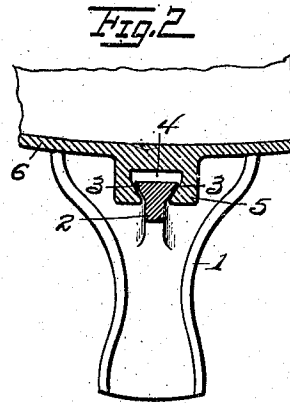
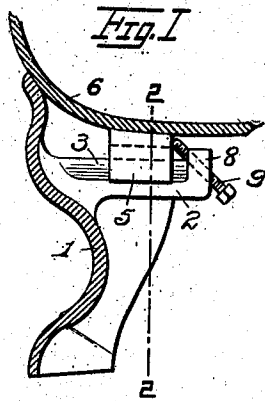


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LEG FASTENING.
APPLICATION FILED NOV. 4, 1907.

942,380.

Patented Dec. 7, 1909.



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GEORGE W. FRANZHEIM, OF WHEELING, WEST VIRGINIA.

LEG-FASTENING.

942,380.

Specification of Letters Patent.

Patented Dec. 7, 1909.

Application filed November 4, 1907. Serial No. 400,450.

To all whom it may concern:

Be it known that I, GEORGE W. FRANZHEIM, a citizen of the United States of America, and resident of Wheeling, county of Ohio, and State of West Virginia, have invented certain new and useful Improvements in Leg-Fastenings, of which the following is a specification.

This invention relates to new and useful improvements in leg-fastening devices for bath-tubs, stoves, and the like; and it has for its primary object to provide a simple device whereby the legs of bath-tubs, stoves, and other like bodies may be drawn into proper position and whereby said legs are rigidly held or maintained in such position against displacement.

A further object is to provide a fastening device of the character mentioned in which the usual securing or tightening keys, or wedges, are wholly dispensed with, such keys or wedges being open to objection on the ground that they are subject to accidental displacement and render a fastening device in which they are employed more or less unsafe.

With these and other objects in view, the invention finally consists in the particular construction, arrangement and combination of parts which will hereinafter be fully described, reference being herein had to the accompanying drawing, forming a part of this specification, in which—

Figure 1 is a longitudinal section of a portion of a bath-tub and of a leg attached thereto, illustrating a preferred embodiment of my invention; Fig. 2 is a section of the same on the line 2—2, Fig. 1; Figs. 3, 4 and 5 are each views similar to Fig. 1, showing various modified formations of the legs and of the lugs carried by the tub; Fig. 6 is a detail perspective view, from beneath, of the lug shown in Fig. 5; and Fig. 7 is a view similar to Fig. 1, showing still another modification.

Referring to said drawing, in which like designating characters indicate like parts throughout the several views—1 indicates the supporting-leg the front of which is extended upwardly to engage the tub or stove, having integral therewith a rearwardly-extending substantially-horizontal tongue 2, which latter may, and does preferably, have lateral longitudinal beveled flanges or splays 3 along its upper part, as shown in Fig. 1, for fitting in a dove-tail groove or mortise

4 provided in a lug 5 which is integral with the bottom 6 of the bath-tub, as shown in Fig. 2; or, as shown in Figs. 3 and 5, said tongue may be plain, in which case it lies in the bifurcation 7 of a lug 5^a carried by the bottom 6 of the tub; or, as shown in Fig. 4, said tongue may be plain and be projected through a loop-like lug 5^b carried by the bottom of the tub; or, as shown in Fig. 7, the tongue may be splayed—that is, beveled from its lower edge to its upper edge—and fit in the dove-tail groove or mortise 4 of the lug 5. Furthermore, as shown in Fig. 3, the base of the lug 5^a may be horizontally extended to form a bearing for laterally formed wings or projections formed on each side of the tongue 2.

The tongue may be perfectly plain, as shown in Fig. 7, or it may have an upright lug, or angular terminal 8, as shown in Figs. 1, 3 and 5, or it may have a downturned lug or terminal 8^a, as shown in Fig. 4. In any case, however, a set-screw 9 is projected through a threaded hole in the end or terminal of the tongue and has its point in bearing engagement with the rear end of the lug carried by the tub, said screw being directed diagonally against the base portion 10 of the lug in the constructions illustrated in Figs. 1, 3, 5 and 7, and downwardly inclined against the edge of the loop-like lug 5^b in the construction shown in Fig. 4. Said set-screw is preferably provided with a slightly tapered point, as shown. As is apparent, when any of the constructions illustrated herein is employed, the set-screw is directed through the threaded hole in the terminal end of the tongue with its point impinging against the lug. As said screw is tightened the leg is drawn up to position against the tub; and when said leg is properly seated, the set-screw exerts such a force against said lug that said leg is rigidly held in position, effectually preventing retraction of the tongue.

When properly adjusted, the tub, stove, or other article to which the leg is attached, may be moved about without danger of the latter being displaced. Accidental retraction or withdrawal of the set-screw is but little, if at all, liable to occur, whereas the usual key or wedge employed is, as experience has proven, subject to such retraction and withdrawal.

It will be understood that I do not claim as new the association of a tongue carried

by a leg with a lug or pair of lugs carried by the tub or other body, but only the device defined by the claims hereto appended.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a device of the character described, the combination with the body to be sustained, of an integral lug carried by said body, said lug having a longitudinal mortise therein, a supporting leg, an integral splayed tongue carried by said leg and fitted in the mortise of the lug, said tongue projecting on beyond the rear end of said lug, an integral terminal lug carried by the rear end of said tongue, and a set-screw projected diagonally through said terminal lug into impinging engagement with said body for exerting a force in a direction opposite to that of the tension to which said tongue is subjected, said set screw being seated at its free end in the corner formed by the under side of said body and the rear face of said lug.

2. In combination with a body, an inte-

gral depending lug carried by said body formed with a dovetail groove which has its narrowest portion extending through the bottom of said lug, a leg, an integral tongue carried by said leg, said tongue having its sides at its top flaring outwardly so as to be of a dovetail shape, said tongue being received in said groove of the lug and being held thereby against downward movement, an integral upstanding terminal lug on said tongue having a diagonal threaded aperture extending therethrough, and a set screw operating in said threaded opening and bearing against the rear face of said lug of the body, said screw when rotated tending to force said tongue rearwardly and at the same time downwardly to thereby securely lock the same in said dovetail groove.

Signed by me in the presence of two subscribing witnesses.

GEORGE W. FRANZHEIM.

Witnesses:

H. E. DUNLAP,
E. A. LENKARD.