

(No Model.)

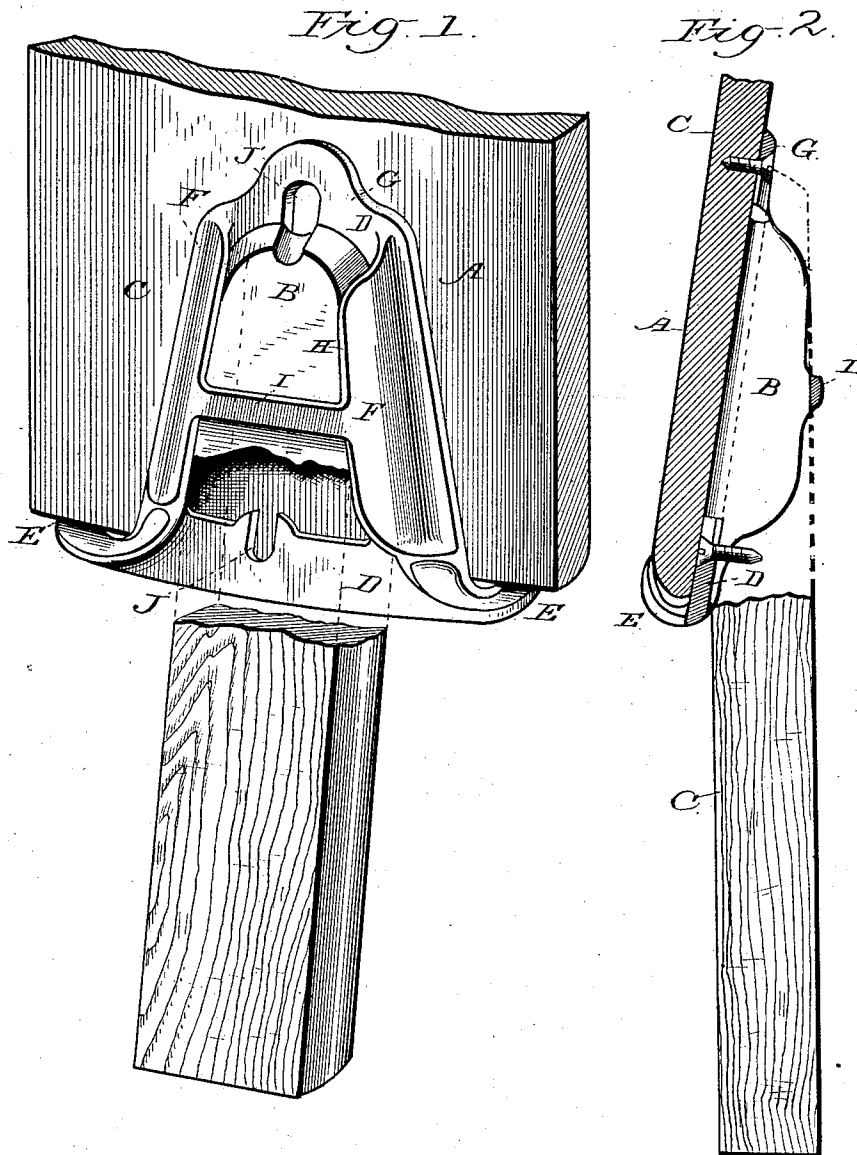
3 Sheets—Sheet 1

G. W. ZEIGLER.

REMOVABLE LEG FASTENING AND CLAMPING ATTACHMENT.

No. 317,270.

Patented May 5, 1885.



WITNESSES:

J. W. Reynolds
J. F. White

INVENTOR

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(No Model.)

3 Sheets—Sheet 2.

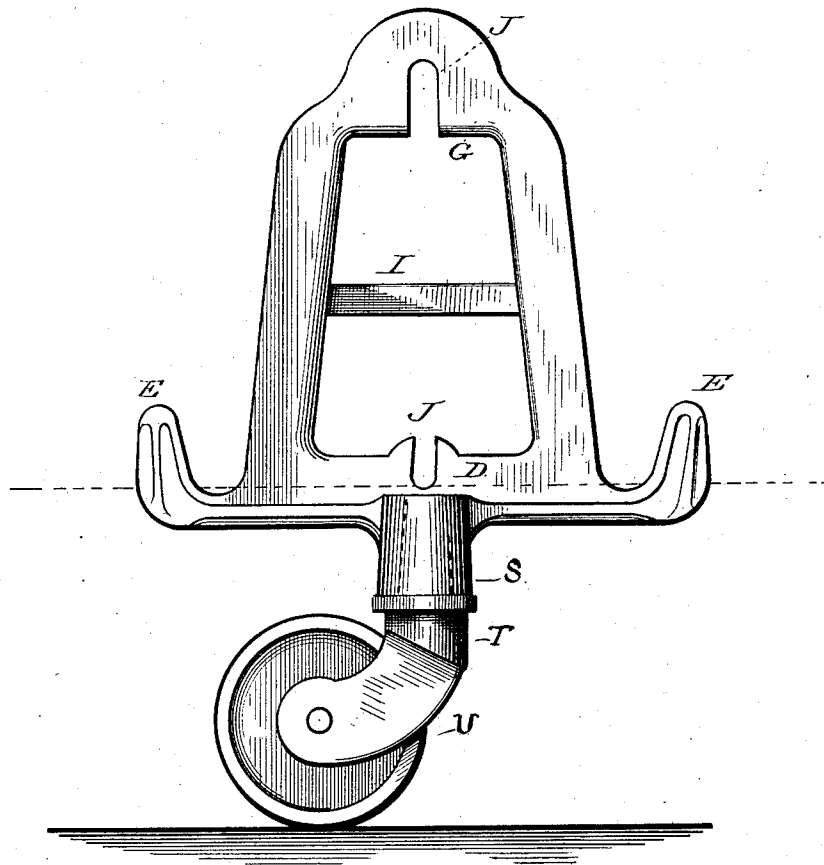
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Fig- 3



WITNESSES
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3 Sheets— Sheet 3.

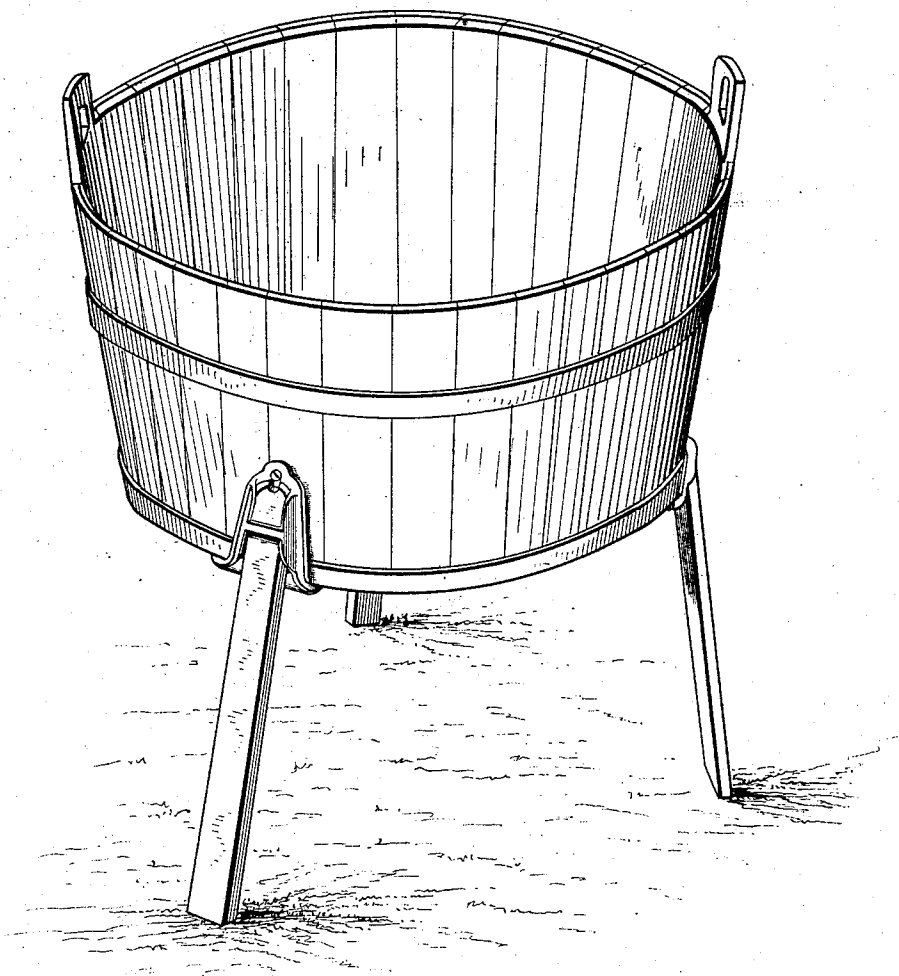
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Fig 4



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UNITED STATES PATENT OFFICE.

GEORGE W. ZEIGLER, OF WASHINGTON, DISTRICT OF COLUMBIA.

REMOVABLE LEG FASTENING AND CLAMPING ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 317,270, dated May 5, 1885.

Application filed February 4, 1885. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. ZEIGLER, of Washington, in the District of Columbia, have invented certain new and useful Improvements in Removable Fastenings and Clamping Attachments; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

My invention relates to removable leg fastening or clamping attachments, and is designed to be used in connection with the supporting of various articles and structures; and it consists in the novel construction and combination of parts cast in a single piece, having laterally-extended supports, as will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings, Figure 1 is a view in perspective of my improved leg fastening and clamping support or attachment applied to a piece of board to show the manner of its application. Fig. 2 is a vertical longitudinal sectional view of the same, and Fig. 3 is an elevation of the attachment viewed from the inner or abutting face thereof. Fig. 4 is a view in perspective illustrating the device as applied to a tub.

The object of this invention is to produce a leg fastening, clamping, or supporting attachment which may be attached to any article for which it may be employed without the trouble of screws, nails, or bolts in such a manner as to clamp firmly both the leg and the article to which a leg is designed to be secured, and form a positive brace-support, as will be hereinafter fully described.

Referring by letter to the accompanying drawings, A designates a section of a piece of a board or plank or the like to which the improved leg-fastening attachment B is shown applied, in Figs. 1 and 2, and C designates a board used in connection with the fastening attachment merely for an illustration. The parts of the leg-fastening attachment are cast integral. The base D of the frame is provided at each end with inwardly and upwardly turned

hooks E, said hooks forming the seat for the article to be supported. From the base D the sides F F converge upwardly and terminate at the top cross-piece, G. The edges H of the sides F F are preferably curved to avoid the presentation of sharp or cutting edges, and also to add to the appearance of the attachments. The base D extends laterally beyond the sides F F of the fastening device, and when the article, or, say the vessel, rests in the hooks, the weight of said article causes the fastening to be clamped firmly to place against the face thereof. The sides F F of the fastening are connected at their edges, intermediate of their upper and lower terminations, by an integral cross-bar, I, which forms a brace and prevents them from being broken off by the wedge force of the leg when in place, they being subjected to the weight of the article or structure.

In some instances it may be desired to attach the fastenings permanently but removably in place. I make provision for such attachment by providing the base-bar D and the cross-piece G with U-shaped notches J J', having their edges countersunk in their opposite faces, the lower notch, J, being countersunk in its inner face, and the upper notch, J', being countersunk in its outer face for the reception of screw-heads and to provide for vertical movement of the fastening. It will be observed that the screws are not absolutely essential, in fact, they are not necessary, but will, if used, prevent the fastening from slipping from place when the article is lifted, and I may therefore employ them if I desire to do so.

To apply the fastening to a box or other rectangular receptacle, such as tool-chest and the like, the shape of the base-bar D would require a slight modification, which would readily suggest itself to any person desiring to use the fastening in this manner, and the change would be no departure from my invention, the change consisting merely in making the base-bar or seat D straight instead of with a curvature, as in the other instances. It is obvious, furthermore, that this leg fastening or supporting attachment may be used in many more places than can be enumerated in this specification, as its uses are general, and are not therefore limited. When screws are used and

the attachment applied, as the weight on the attachment becomes greater the attachment will naturally settle onto the leg or support, therefore the clamp becomes more rigid, and to provide for the sliding movement that effects this settling I employ the oblong screw-holes or slots J J', which permit longitudinal movement of but prevent lateral play of the fastenings. The hooks E, by their extended separation, hold the weight much more firmly than were they placed closer together, and, furthermore, when they are widely extended the article cannot topple over so readily as when they are close together. Also, when made in this manner they are very readily molded and pulled out of the sand, otherwise a core would have to be used in casting them, which would add greatly to their first cost.

In Fig. 4 a special application of the device is illustrated, wherein a tub is shown supported on legs connected to the tub by the improved clamps. Three legs are shown, but it is obvious that four may be used as readily.

In applying the fastening and clamping attachments to vessels or articles presenting external curves to the attachments, the bases D of the attachments should be constructed with corresponding curves, in order that the chine of the vessel may be received by and rest in the seats formed by the hooks or seats E.

In Fig. 3 I have illustrated the clamping attachment provided with a socket S, for the stem T of a caster, U. This socket is cast integral with the base D, and is located midway between the upturned hooks E E. The stems of the casters fit the sockets S, and by this construction I am enabled to apply the clamp-

ing attachments to hogsheads, barrels, and the like vessels for the purpose of permitting their ready removal from place to place to be effected.

Having thus described my invention, what I claim is—

1. The leg fastening or supporting attachment comprising the frame having the base provided with the inwardly and upwardly turned hooks or seats at its ends, the sides connected at the top by a cross-piece, and the converging flanges connected by a cross-bar, substantially as set forth.

2. The leg fastening or supporting attachment comprising the frame having the integral base with inwardly and upwardly turned end hooks or seats projecting laterally beyond the lower edges of the sides of the frame, the integral sides connected by the integral cross-piece, and the integral side flanges connected substantially as described.

3. The combination of the base provided with the inwardly and upwardly turned end hooks and the U-shaped notch opening upwardly at its middle with the top cross-piece provided with the inverted U-shaped notch, the converging sides connecting the base and the top cross-piece, and the converging side flanges and the cross-bar connecting said flanges, as set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

GEORGE W. ZEIGLER.

Witnesses:

O. E. DUFFY,
J. F. WHITE.