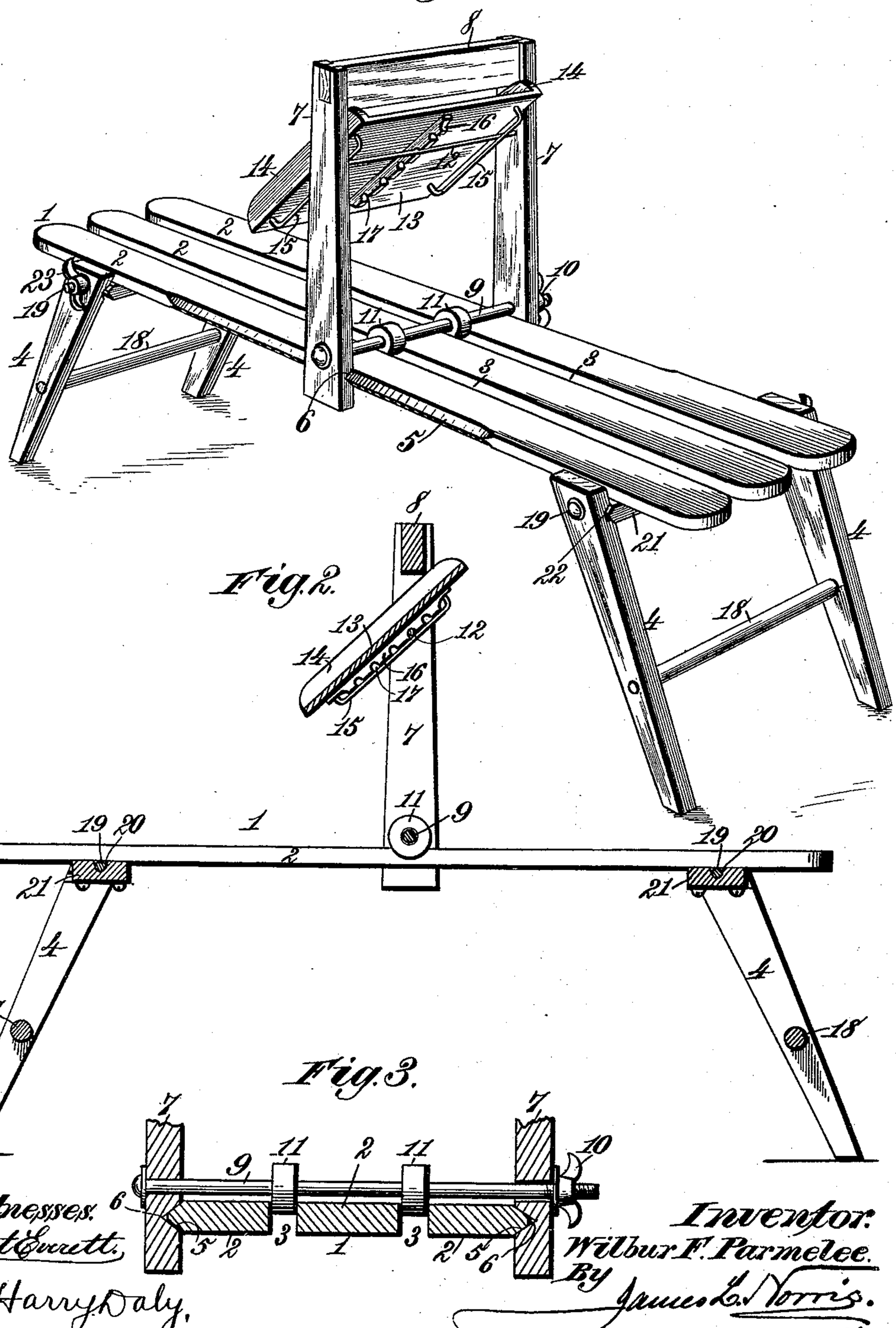
(No Model.)

W. F. PARMELEE.

COMBINED WASH BENCH AND WRINGER SUPPORT.

No. 484,160. Patented Oct. 11, 1892.

Fig. 1



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UNITED STATES PATENT OFFICE.

WILBUR F. PARMELEE, OF MIDDLETOWN, CONNECTICUT.

COMBINED WASH-BENCH AND WRINGER-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 484,160, dated October 11, 1892.

Application filed September 24, 1891. Serial No. 406,731. (No model.)

To all whom it may concern:

Be it known that I, WILBUR F. PARMELEE, a citizen of the United States, residing at Middletown, in the county of Middlesex and State of Connecticut, have invented new and useful Improvements in a Combined Wash-Bench and Wringer-Support, of which the following is a specification.

The objects of my invention are to provide an improved device for attaching a clothes-wringer or a wringer-supporting frame onto a wash-bench in such a manner that the said frame can be easily and quickly adjusted to any desired position on the bench, and, further, to provide a simple and convenient means for adjusting the drip-pan to any desired inclination and for suspending it out of the way between the wringer-standards when not in use.

To these ends my invention consists in the construction, combination, and relative arrangements of parts in an adjustable wringer support or frame, as hereinafter described and claimed, reference being made to the accompanying drawings, in which—

Figure 1 is a perspective of a wash-bench and wringer support or frame, illustrating my invention. Fig. 2 is a vertical longitudinal section of the same. Fig. 3 is an enlarged sectional detail view.

Referring to the drawings, the numeral 1 designates a wash bench or table that may be composed of parallel slats 2, separated by intervening spaces 3 and supported by folding legs 4. The side edges of the bench 1 are preferably formed with a double bevel 5, as shown, to engage corresponding V-shaped notches 6, formed transversely in the inner sides of the standards 7 that form part of a supporting-frame for a clothes-wringer. These standards 7 may be connected at or near their upper ends by a cross-bar 8, to which a clothes-wringer of any desired construction can be securely attached in any convenient manner, or the wringer-rolls may be supported directly in the standards 7, if preferred.

In order to clamp the wringer-standards 7 onto the wash-bench in a secure manner and yet permit the ready adjustment of said standards longitudinally on the bench to any desired position, a transverse bolt or rod 9 may be passed through said standards adjacent to the wash-bench, either above or below the same, and be secured by a suitable clamping device, as a thumb-nut 10, at one end. By loosening the thumb-nut 10 the standards 7, having their notches 6 engaged with the side edges of the wash-bench, can be adjusted along said bench to any desired position. It is obvious that by making the notches 6 V-shaped to engage the corresponding double-beveled edges 5 of the wash-bench the standards 7 may be readily sprung into engagement with or be disengaged from the bench, as required, while at the same time the double bevels 5 and V-shaped notches 6 will afford convenient guides for the standards in effecting the desired adjustment of the wringer-frame and will also assist materially in securing said standards when clamped onto the bench. Although the rod or bolt 9 may be extended transversely below the table or bench 1, it is preferable to arrange it above said bench, as shown, thereby avoiding any liability of springing the upper ends of the standards 7 apart under the strain of the clamping devices.

On the rod or bolt 9 may be loosely placed any suitable number of washers or perforated disks 11 of sufficient thickness to drop into and fit within the spaces 3 between the slats 2 of the bench or table, so that when the clamping device or thumb-nut 10 is tightened the said washers will give a solid rigid bearing the whole length of the rod across the surface of the bench.

Between the upper portions of the standards 7 is extended a rod 12, on which is adjustably supported a tilting drip-pan 13, having ledges or raised portions 14 at each end to prevent the escape of water at the ends of the pan and cause it to pass off into a tub at either side, according to the direction in which the pan is inclined. This drip-pan 13 is provided on its under side at opposite ends with elongated loops 15, that are extended beneath the transverse rod 12, so as to retain the drip-pan 13 thereon, as shown. To the center of the under side of the drip-pan 13 is attached a cleat 16, having a series of notches 17, each of which is adapted to be engaged with the rod 12, so as to hold the pan 13 in any position to which it may be adjusted. It will be seen that by this construc-

tion the pan 13 may be moved longitudinally in either direction, so as to project as far as desired beyond either side of the wringer-supporting frame and over the edge of the tub placed on either end of the bench. When the pan 13 is adjusted to the desired position, one of the notches 17 engages the rod 12 and the ledges 14 rest against the cross-bar 8, whereby the pan is securely held in the position to which adjusted. By sliding the pan 13 to either side and causing the ends of the loops 15 to engage the rod 12 the pan will be thereby suspended vertically between the standards 7 and entirely out of the way when not in service.

Any ordinary clothes-wringer may be attached to the standards 7 or cross-bar 8, and by varying the dimensions of the adjustable wringer-supporting frame it can be readily furnished in different sizes and styles for attachment to any ordinary wash-bench. If desired, the standards 7 may be made to extend to the floor, and thus afford additional supports for the wash-bench; but I prefer the short standard, as shown, the adjustable wringer-supporting frame being thus made more compact and light, so that it can be handled and removed or adjusted with great ease. The adjustable wringer-supporting frame is adjustable on any ordinary wash-bench as easily as the ordinary clothes-wringer is changeable from one tub to another.

The folding legs 4 of the bench 1 are connected in pairs by cross bars or braces 18, and each pair of legs is pivoted near the end of the bench on a transverse rod or bolt 19, supported in a groove 20, preferably formed in the top of a cross-piece 21, to which the bench-slats 2 are secured. Each leg 4 is perforated near its end for passage of the rod or bolt 19, and on the inner sides of the legs are notches or grooves 22, adapted to engage the beveled ends of the cross-piece 21, which extends slightly beyond the outermost slats of the bench. One end of the bolt 19 is headed and on the other end is a nut 23, which is to be tightened when the notches 22 are engaged with the beveled ends of the cross-piece 21, thereby rigidly securing the legs 4 in an extended position, so that they will afford a firm support for the bench. In order to fold the legs, it is only necessary to loosen the nuts 23 sufficiently to permit the opposite legs of each pair to be slightly spread, so that the notches or grooves 22 can be disengaged from the beveled ends of the cross-piece 21, thus allowing the legs to fold compactly alongside of the slats for storage or transportation. The rod or bolt 19 is of sufficient length to permit the legs to be slightly spread apart for the purpose described. Instead of forming the bolt-groove 20 in the cross-piece 21, it may be made in the slats; but the construction shown is preferable. This manner of pivoting and securing the folding legs does away with ordinary braces and yet holds the bench firmly and strongly in a simple and effective manner.

What I claim as my invention is—

1. The combination, with a slatted top wash-bench, of an adjustable wringer-supporting frame engaged with the side edges of said bench to slide thereon, a rod or bolt passed transversely through the standards of said frame adjacent to the bench, washers placed loosely on said rod or bolt to drop into and fit within the spaces between the slats of the wash-bench top, and a clamping device on one end of said rod or bolt to detachably and adjustably secure the said wringer-supporting frame to the bench, substantially as described.

2. The combination, with a wringer-supporting frame having a transverse rod supported between the standards of said frame, of an adjustable drip-pan provided on its under side with elongated loops engaged with said transverse rod, whereby the drip-pan can be moved across said rod to either side of the frame and be adjusted to any desired inclination toward either side of the frame or be suspended vertically between the standards, substantially as described.

3. The combination, with a wringer-supporting frame having a transverse rod supported between the standards of said frame, of an adjustable drip-pan provided on its under side with elongated loops engaged with said transverse rod and a cleat having a series of notches to engage said rod and secure the pan in any position to which it may be adjusted, substantially as described.

4. The combination, with a wash-bench and wringer support, of a cross-piece secured to each end of the wash-bench and provided with beveled extremities which project from opposite sides of the bench, folding legs having their inner sides formed with notches which engage the projecting beveled ends of the cross-pieces, transverse bolts carried by the cross-pieces and constituting pivots for the folding-legs, and screw-nuts mounted on the bolts for engaging the notched portions of the legs with the beveled ends of the cross-pieces, substantially as described.

In testimony whereof I have hereunto set my hand and affixed my seal in presence of two subscribing witnesses.

WILBUR F. PARMELEE. [L. S.]

Witnesses:
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