

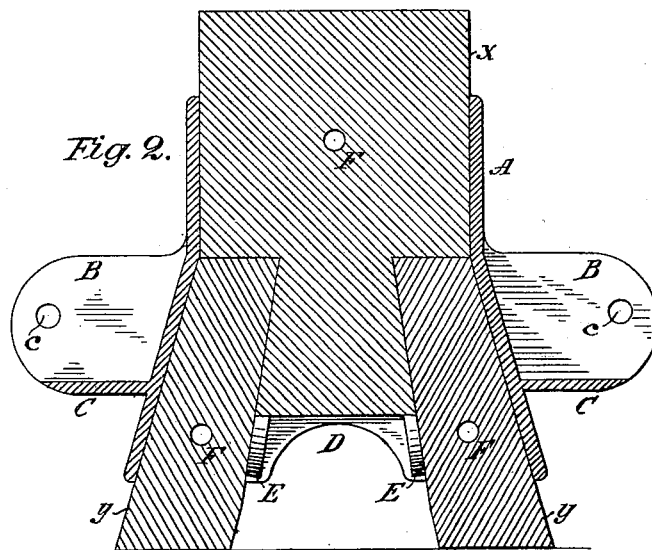
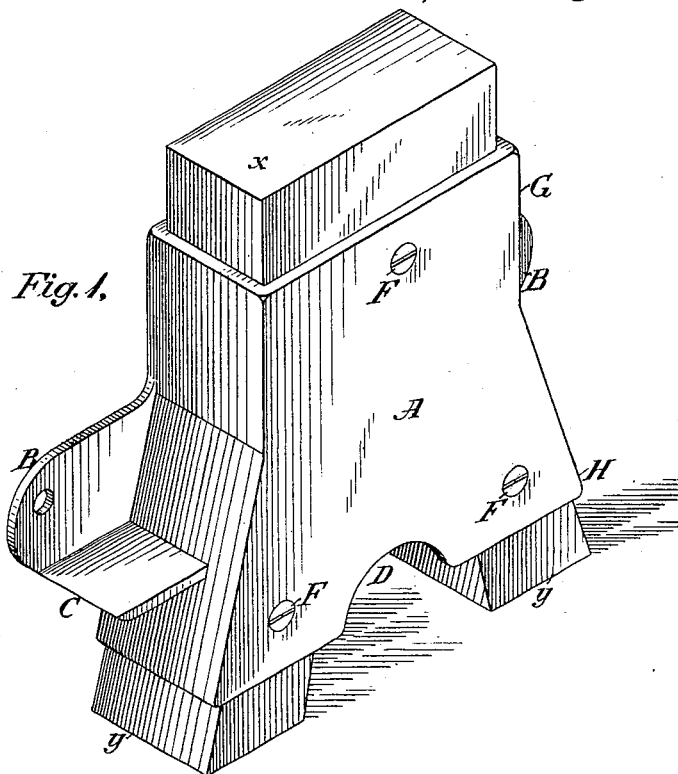
(No Model.)

L. J. LEWIS.

WASH BENCH.

No. 262,234.

Patented Aug. 8, 1882.



WITNESSES

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UNITED STATES PATENT OFFICE.

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WASH-BENCH.

SPECIFICATION forming part of Letters Patent No. 262,234, dated August 8, 1882.

Application filed February 3, 1882. (No model.)

To all whom it may concern:

Be it known that I, LADD J. LEWIS, of Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Wash-Benches, of which the following is a specification.

My invention relates to devices for securing the legs and standards of combined wash-bench and wringer frames together.

Heretofore the legs and standards of combined wash-bench and wringer frames have been formed of one piece of wood bifurcated so that its top part formed one of the standards and its bottom parts two central legs of the bench. The standards and legs have also been formed of separate pieces secured in place at about the level of the bench-frame by means of separate plates and bolts or screws.

The object of my invention is to produce a single hollow casting which shall serve as a combined leg and standard socket, within which the lower end of the standard and the upper ends of the legs shall be contained and so dovetailed together as to fill the interior of the metallic socket. I thus produce a stronger, simpler, cheaper, and more convenient means of uniting and securing the bases of the standards and the tops of the central legs of the machine. At the same time I provide upon the casting means for hinging and supporting the folding ends of the bench in the ordinary manner.

In the accompanying drawings, illustrating my invention, Figure 1 is a perspective view of my socket, showing parts of the standard and legs; and Fig. 2 is a vertical central section of the same.

Proceeding to a detailed description of my device by reference to the letters on the drawings, A indicates my hollow casting or socket for the inclosure of the base of the standard and the upper ends of the central inclined legs of an ordinary frame of a combined wash-bench and wringer-machine, the wringer being supposed to be located between two standards over the center of the bench in the usual manner, and the bench extending out on each side of the wringer a suitable distance to hold tubs, pails, wet clothes, &c. I only illustrate my casting, because all of the other parts of the complete structure are now well known and in common use. It is immaterial to my

invention whether the ends of the bench be made to fold upward in the usual manner or not; but as that may be preferred in some cases I provide ears or lugs B upon either side of the casting, and bottom supports, C, in connection with the lugs, so that the inner ends of each side of the bench-frame may be conveniently supported, and, whenever desired, hinged at or about the point c, or otherwise, as may be desired.

D indicates a cut-away part of the base of my socket or hollow casting; but this is not essential. The horizontal base-line of the casting may be continuous and this cut-away part dispensed with at pleasure, as it is a mere matter of form, except so far as it saves a small amount of metal.

E E indicate lugs upon the inner side of the casting, against which the base of the standard may rest; but instead of these a single lug may be employed; or the lug or lugs may be upon the opposite internal surface of the casting; or it or they may be in a different position from that shown, and may even be dispensed with altogether, and a bolt may be put through the casting and through the standard; but I prefer to provide on the interior of the casting one or more lugs or projections of suitable nature to support the base of the standard. The idea I mean to convey is that the number, position, and form of the interior standard-supporting lugs or projections may be varied at will; but I recommend the form illustrated in the drawings as sufficient and as good as any, and perhaps the best.

F F F indicate screw-holes for holding screws passing respectively into or through the base of the standard x and the tops of the legs y y. In case the interior standard-supporting lug should be dispensed with, the standards may be made large enough above to project over or shoulder onto the top edges of the walls of the socket or casting. It will be observed that this casting is rectangular in its upper part, G, down to the point where the tops of the inclined legs abut against shoulders upon the base of the standard and form with the standard a dovetailed joint. The lower portion, H, of the casting flares outward at either end, so that the legs may straddle apart at their lower ends and form a broad base for the support of the machine. The dovetailing or interlocking

of the legs and standard within the socket helps to firmly secure these parts in place, because the ends all brace each other within the socket and form a solid core for the socket, filling it at all points. Slight holding-screws F are all the additional fastenings that are needed, and these may be removed and the standard and legs detached at will for packing and transportation. The height of the socket may be varied somewhat; but the greater its height or vertical length, of course, the greater its holding and securing capacity. I prefer to make it about five inches high, more or less.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. The socket or hollow casting A, composed

in one piece of the rectangular part G and the flaring part H for securing a wash-bench standard and legs, substantially as set forth.

2. The combination, with the socket or hollow casting A, formed as described, of the ears or lugs B and supporting-plates C, all cast in one piece, substantially as set forth.

3. The combination of the hollow cast socket A, formed as described, with the legs and standard joined within the socket, so as to fill it and brace against each other for greater security, substantially as set forth.

LADD J. LEWIS.

Witnesses:

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