

(No Model.)

W. J. COAKLEY.
CLOTHES STICK.

No. 559,264.

Patented Apr. 28, 1896.

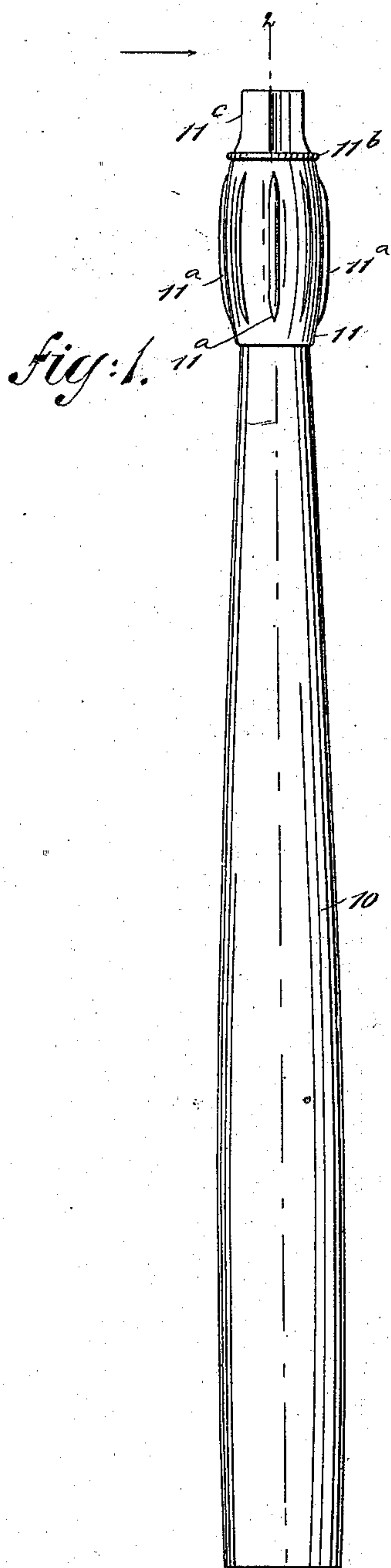


Fig: 1.

Fig: 3.

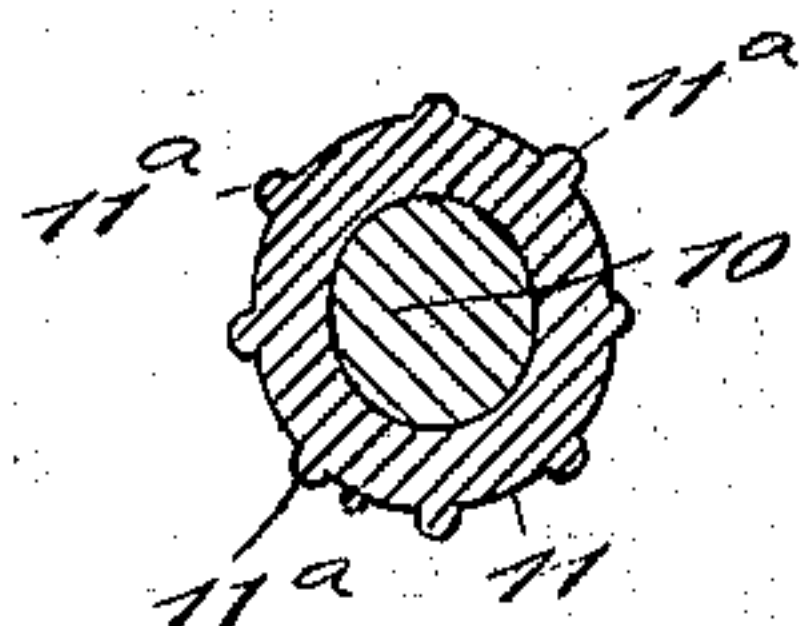


Fig: 4.

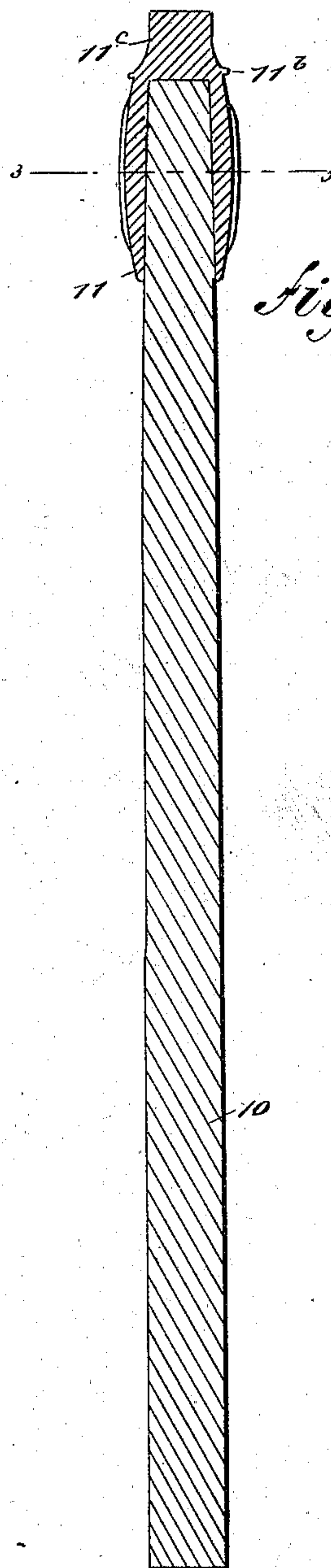
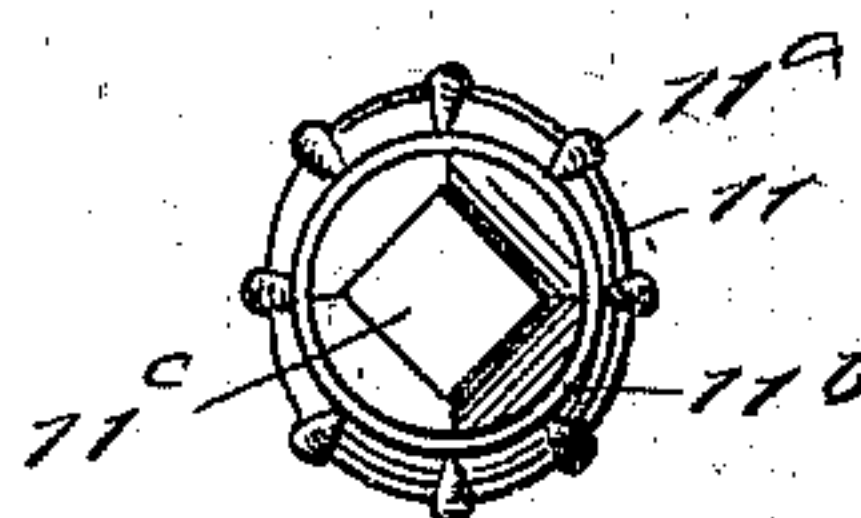


Fig: 2.

WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM J. COAKLEY, OF ROCKLAND, MAINE.

CLOTHES-STICK.

SPECIFICATION forming part of Letters Patent No. 559,264, dated April 28, 1896.

Application filed May 1, 1895. Serial No. 547,793. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. COAKLEY, of Rockland, in the county of Knox and State of Maine, have invented a new and Improved Clothes-Stick, of which the following is a full, clear, and exact description.

This invention relates to an improved laundry implement adapted for the manipulation of fibrous material in a washboiler and for safely removing such material from the boiler preparatory to the rubbing of the material to complete the cleansing operation.

The object of the invention is to provide a simple and novel device of the indicated character, which may be conveniently handled, which may be readily engaged with material that is to be lifted into or from the wash-boiler, and that will have the end which contacts with the articles in the boiler made sufficiently elastic to obviate liability of injury to such articles.

The invention consists in the peculiar construction and combination of parts, as hereinafter described, and indicated in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a side view of the improved clothes-stick. Fig. 2 is a longitudinal sectional view on the line 2 2 in Fig. 1. Fig. 3 is a transverse sectional view substantially on the line 3 3 in Fig. 2, and Fig. 4 is an end view of the improvement.

The invention in brief comprises a slightly-yielding head-piece mounted on one end of a handle-lever, the head-piece being designed to engage the material which is to be manipulated with the clothes-stick.

In the drawings, 10 represents a preferably wooden bar, which for convenience in handling may be given an oval form in cross-section, and tapered toward one end, whereon the head-piece 11 is mounted, the bar or handle-lever being afforded a suitable length for its effective use. The head-piece 11 is formed of vulcanized gum or other material of a like nature, which will be measurably elastic, strong, and capable of resisting the disintegrating action of boiling water. The end of the handle-lever, technically known as a "clothes-

stick," is cylindrically formed to enter the head-piece 11, the latter being furnished with a socket of such a diameter and depth as will adapt the head-piece to fit closely on the stick, if slightly stretched to increase its diameter when the cylindric end of the stick is forced therein, the contractile force of the slightly-elastic head-piece effecting its retention in place without other fastening. While the shape of the head-piece 11 may be somewhat varied from the form represented in the drawings and the device operate efficiently, it is preferred to construct the part 11 as shown. The same consists of a barrel-shaped shell, open at one end only, and furnished with a series of longitudinally-arranged ribs 11^a, having tapering ends, and which are spaced apart, as indicated in Figs. 3 and 4. It is also preferred to form a circumferential rib 11^b on the head-piece 11 near the solid end of the same, which rib is at the base of the square or other polygonal-shaped terminal portion 11^c—that is, the leading extremity of the head-piece.

In use the operator grasps the handle or stick 10, and if the clothes are in a wash-boiler undergoing the boiling process the head-piece 11 may be safely used to push the fabric down, or, by rotating the head-piece, cause its ribs 11^a to grip on the goods, which will fix the engaged material on the head-piece so that said goods may be safely raised for turning the same in the boiler, or may be removed therefrom, if this is desired, the release of the material thus handled being obviously effected by a reverse rotation of the stick and head-piece.

It will be seen that the angular projection 11^c and circumferential rib 11^b coact with the longitudinal ribs 11^a when material is partly wrapped on the head-piece, and prevent said goods from slipping off of the front end of the head-piece. As the head-piece 11 is adapted to yield enough to avoid punching holes in the clothing or other material it is made to engage with in the boiler, it will be evident that the novel clothes-stick which embodies the improvement is safe to use on the finest fabric, and affords a convenient and inexpensive implement, which is a marked improvement over the kind in common use.

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

1. The combination with a handle-lever or stick, of a measurably elastic head-piece having a socket to receive the end of the stick, the said head-piece having an angular front end and a circumferential rib at the base of said angular end, substantially as described.
2. The combination with a handle-lever or stick, of a measurably elastic head-piece having a socket to receive the end of the stick and by its contraction is held thereon, the said head-piece having a series of longitudinal spaced ribs, an angular front end, and a cir-

cumferential rib at the base of said angular end, substantially as described.

3. The combination with a handle-lever or stick, of a measurably elastic removable head-piece, the said head-piece comprising a substantially barrel-shaped shell having a series of longitudinally-arranged ribs spaced apart and having tapering ends, the said head-piece being open at one end to receive the end of the stick and having a reduced and solid front end, substantially as described.

WILLIAM J. COAKLEY.

Witnesses:

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C. M. HARRINGTON.