No. 766,169. PATENTED AUG. 2, 1904.

L. CHRISTIANSEN.

BRUSH HOLDER.

APPLICATION FILED OCT. 28, 1903.

NO MODEL.

Fig. 2.

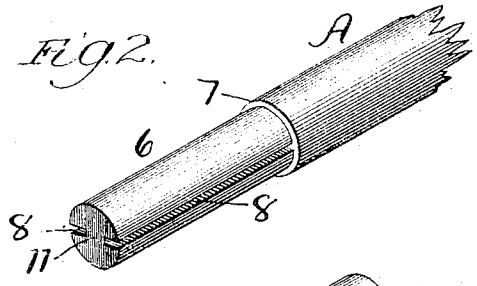


Fig. 3.

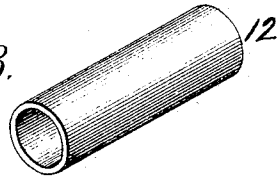


Fig. 1.

Fig. 4.

Fig. 5.

Witnesses:
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Atty

No. 766,169. Patented August 2, 1904.

UNITED STATES PATENT OFFICE.

LARS CHRISTIANSEN, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO CHARLES WILSON, OF CHICAGO, ILLINOIS.

BRUSH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 766,169, dated August 2, 1904.

Application filed October 28, 1903. Serial No. 178,851. (No model.)

To all whom it may concern:

Be it known that I, LARS CHRISTIANSEN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Brush-Holders, of which the following is a specification.

This invention relates to improvements in holders for use in connection with scrubbing and cleaning brushes and other devices of an analogous character, and has for its object to provide a device that is simple in construction, easily and conveniently manipulated, and thoroughly practical in application.

In the drawings, Figure 1 is a view in perspective of a device embodying the improved features. Fig. 2 is a view in perspective of the holder end of the handle. Fig. 3 is a detached view in perspective of a locking-ferrule. Fig. 4 is a view in perspective of one of the holder-jaws, and Fig. 5 is a similar view of the other jaw part.

A represents a handle, which may be of any desired length and has a reduced holder end 6, forming a shoulder 7. The holder end of the handle is provided on opposite sides, Fig. 2, with companion grooves 8, which extend back to the shoulder 7. The larger holder or clamping-jaw 9 has one end bifurcated, forming tangs 10, which engage grooves 8 and straddle center piece 11 when these parts are assembled. A ferrule 12 has a close-fitting engagement with the holder end of the handle and comes to a stop against shoulder 7 in properly securing the clamping-jaw 9 to the handle. The open slot 13 in the bifurcated end of jaw 9 ends in an opening 14 and provides for a slight spring edgewise action of tangs 10 from the clamping pressure of the ferrule and securing the parts together against separation. The outer part of the jaw 9 is bent to conform to the surface of the brush 15 being held and terminates in the hook end 16, overlapping and engaging the edge of the brush or other object inserted.

17 is a loose jaw, provided with a contracted neck 18, which loosely engages the opening 14 in the companion jaw, and an integral cross-head 19. The jaws are thus hinged together.

The jaw members are each provided with an aperture 20 for the insertion of a clamping-bolt 21, having a wing-nut 22 threaded on one end thereof, as shown in Fig. 1. By slacking back on the nut 22 the loose jaw member will swing free on its hinged or pivotal connection for the convenient insertion of the brush, and tightening up on the nut clamps the same tightly in place. By this arrangement the ordinary hand scrubbing-brush may be provided with a detachable holding-handle for convenient use in scrubbing floors and cleaning walls and ceilings. It is obvious that other cleaning and dusting devices may be inserted in the holder.

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

In a holder of the class described, a handle provided with companion grooves located diametrically opposite each other, a clamping-jaw having a bifurcated end engaging said grooves and provided with an opening, a locking-ferrule, a second jaw provided with a neck and cross-head, said neck loosely engaging said opening in the fixed jaw, and a clamping-bolt connecting the jaw members.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LARS CHRISTIANSEN.

Witnesses:

EDWARD I. BUCKLIN,

G. E. CHURCH.