Feb. 6, 1923.

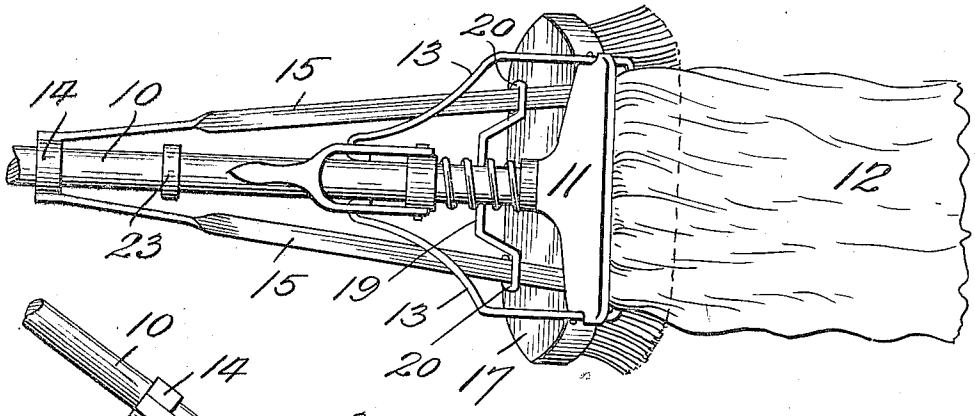
B. I. LAUKHUF

1,444,616

SCRUB BRUSH ATTACHMENT FOR MOPS

Filed Dec. 12, 1921

FIG. 1.



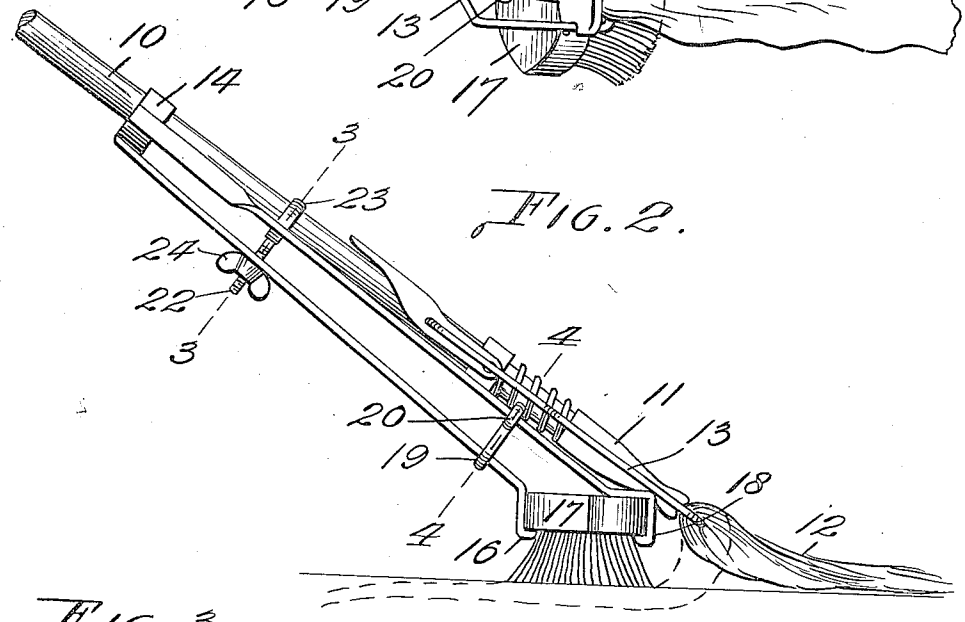


FIG. 2.

FIG. 3.

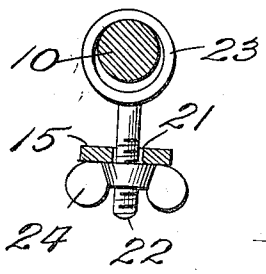
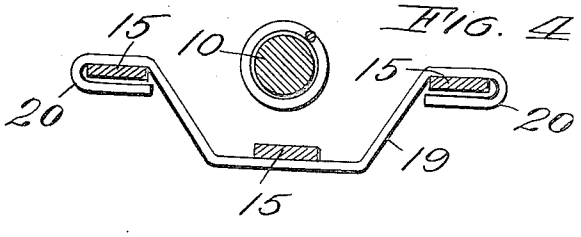


FIG. 4.



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Patented Feb. 6, 1923. 1,444,616

UNITED STATES PATENT OFFICE.

BLANCHE I. LAUKHUF, OF GARDENA, CALIFORNIA.

SCRUB-BRUSH ATTACHMENT FOR MOPS.

Application filed December 12, 1921. Serial No. 521,679.

To all whom it may concern:

Be it known that I, BLANCHE I. LAUKHUF, a citizen of the United States, residing at Gardena, in the county of Los Angeles and State of California, have invented new and useful Improvements in Scrub-Brush Attachments for Mops, of which the following is a specification.

My invention relates to a scrub brush attachment for mops, the principal objects of my invention being to provide a relatively simple, practical and inexpensive attachment in the nature of a clamping frame that may be easily and quickly applied to or removed from a mop handle and which frame will firmly clamp and secure a brush to the head of the mop, which brush may be used for scrubbing purposes or for dusting and cleansing walls and ceilings.

With the foregoing and other objects in view my invention consists in certain novel features of construction and arrangement of parts that will be hereinafter more fully described and claimed and illustrated in the accompanying drawings in which:

Fig. 1 is a plan view of a mop with my scrubbing brush attachment applied thereto.

Fig. 2 is a side elevational view of the attachment applied to a mop.

Fig. 3 is a cross section taken on the line 3—3 of Fig. 2.

Fig. 4 is a cross section taken on the line 4—4 of Fig. 2.

Referring by numerals to the accompanying drawings which illustrate a practical embodiment of my invention, 10 designates the handle of an ordinary mop; 11 the head thereof and 12 the mop cloth that is clamped to the head by the usual frame 13. The attachment contemplated by my invention includes a ring 14, to which are secured the upper or rear ends of a series of three arms 15, the forward ends of the lower one of which terminates in a hook 16 that engages the central portion of the rear edge of a scrubbing brush back 17, and the forward ends of the upper pair of arms terminate in hooks 18 that engage over the top and front edge of said brush back. A transversely disposed clamping member 19 extends beneath the lower one of the arms 15 and the ends of said member are formed into loops 20 that pass around the upper arms 15.

As this member 19 is moved downwardly on arms 17 toward the scrubbing brush, the forward ends of said arms will be moved toward each other, thereby causing the hooks 16 and 18 to firmly grip the brush back 17.

Extending through an aperture 21 in the rear portion of the lower one of the arms 15 is a threaded shank 22, to the upper end of which is secured a ring 23 that encircles the mop handle 10. Screw seated on the threaded lower end of this shank is a winged nut 24, and which latter when screwed onto the shank, draws the mop handle 10 and lower arm 15, toward each other, thereby firmly clamping the brush holding attachment to the mop handle.

The brush carried by the attachment is positioned directly beneath the head of the mop and may be used for scrubbing floors, washing windows or for brushing and cleaning walls, ceilings and woodwork.

By using a dry mop cloth and permitting the same to extend beneath the brush as shown by dotted lines in Fig. 2, the mop may be used for polishing floors or for dusting walls.

An attachment of my improved construction may be easily and cheaply produced, is capable of being easily and quickly applied to or removed from a mop handle and is effective in saving much of the time and labor ordinarily involved in the scrubbing and cleaning of floors, walls, ceilings, windows and the like.

Obviously the construction of the attachment may be varied in minor details without departing from the spirit of my invention, the scope of which is set forth in the appended claims.

I claim as my invention:

1. In combination; a mop holder having a handle attached thereto; a plurality of diverging resilient arms removably attached at one end to said handle and terminating at the other end in gripping fingers adjacent said mop, said fingers being adapted for engaging a brush back; and a slidable yoke encircling said arms and adapted for con-

straining their free ends to cause said fingers to engage a brush back.

2. In combination; a mop holder having a handle attached thereto; a loose ring encircling said handle intermediate its ends, said ring having a plurality of slightly divergent resilient arms fixed thereto, and said arms terminating in gripping fingers at their free ends; screwed means for positioning said arms on said handle so that said fingers will be adjacent said mop; and a yoke slidably engaging said arms and adapted for constraining them to cause said fingers to engage a brush back.

BLANCHE I. LAUKHUF.