

No. 732,743.

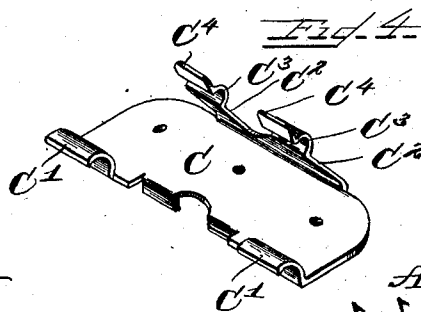
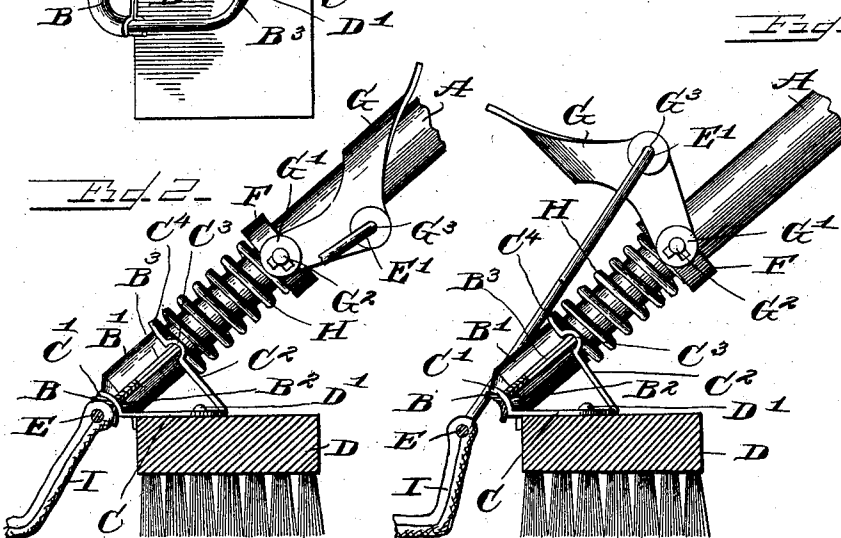
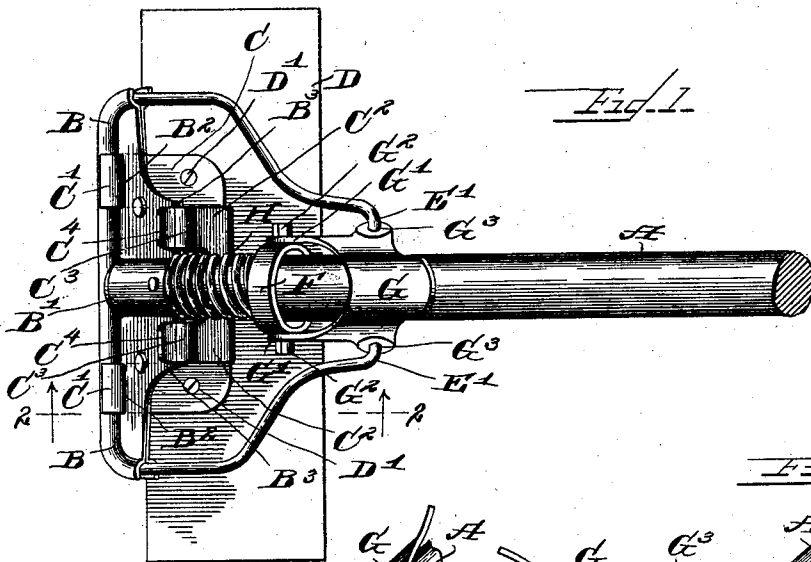
PATENTED JULY 7, 1903.

A. S. HELD.
COMBINED MOP AND SCRUB BRUSH.

APPLICATION FILED OCT. 10, 1902.

NO MODEL.

2 SHEETS-SHEET 1.



Witnesses—

O. A. Pauckenschmidt
Frank A. Ticknor

Inventor—

August S. Held,
By *N. H. Worris*

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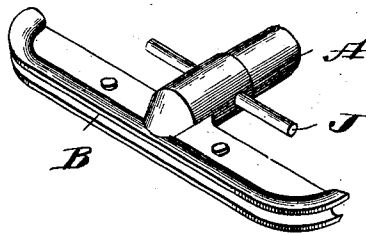
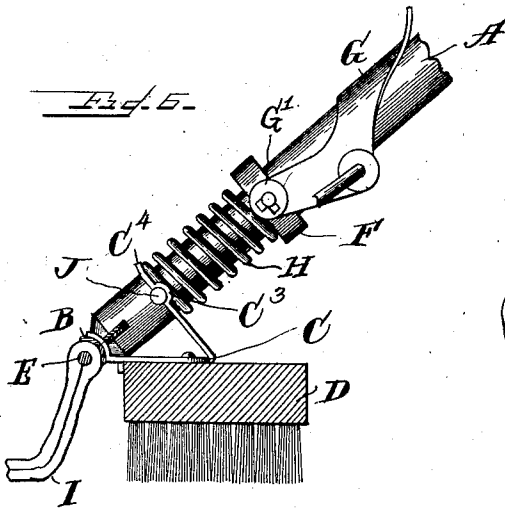
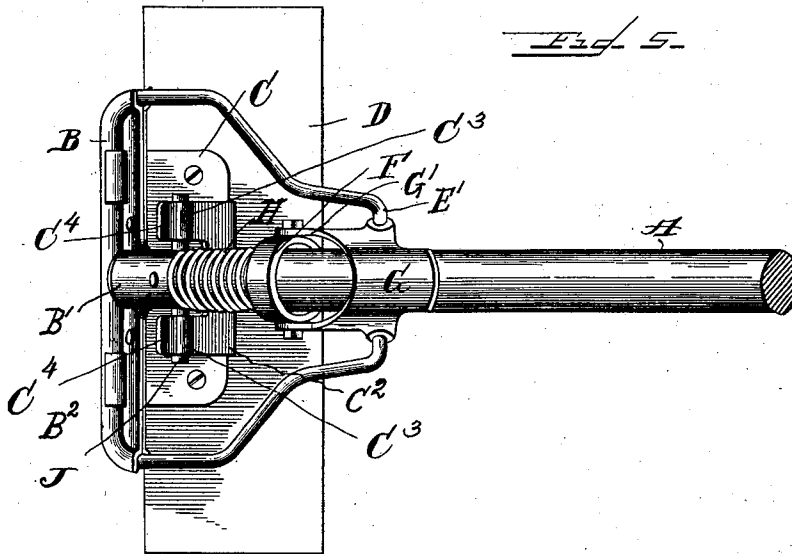
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2 SHEETS—SHEET 2.



Witnesses.

G. A. Paulschmitt
Frank A. Ticknor.

Inventor.

August S. Held,
By *W. L. Worthington,*
Att'y.

UNITED STATES PATENT OFFICE.

AUGUST S. HELD, OF FREEPORT, ILLINOIS.

COMBINED MOP AND SCRUB-BRUSH.

SPECIFICATION forming part of Letters Patent No. 732,743, dated July 7, 1903.

Application filed October 10, 1902. Serial No. 126,683. (No model.)

To all whom it may concern:

Be it known that I, AUGUST S. HELD, a citizen of the United States of America, residing at Freeport, in the county of Stephenson and State of Illinois, have invented certain new and useful Improvements in a Combined Mop and Scrub-Brush, of which the following is a specification.

This invention has for its object the production of combined mops and scrub-brushes so contrived and arranged that they may be used both in such combination and separately; and it consists of certain new and useful features of construction and combinations of parts especially devised to those ends, all as hereinafter fully described, and specifically pointed out in the claims.

Referring to the accompanying drawings, which form a part of this specification, Figure 1 is a top plan view of a combined mop and scrub-brush embodying my invention and adapted to be used for both mopping and scrubbing. Fig. 2 is a section at the dotted line 2 2 in Fig. 1 of parts there shown. Fig. 3 is a like section, also at such dotted line 2 2 in Fig. 2, showing the movable jaw of the mop-head thrown away from its fixed jaw by means of its controlling-lever in order that the brush-attaching plate thereof, with its brush, may be detached therefrom. Fig. 4 is an isometrical detail of the brush-attaching plate. Figs. 5, 6, and 7 are views showing a modified form of one of the elements indicated by the letter B³, composing the utensil illustrated in the foregoing views.

Like letters of reference indicate corresponding parts throughout the several views.

A is a mop-handle.

B is a fixed clamping-jaw provided with a handle-socket B' and having attaching-slots B² extending transversely therethrough and attaching-flanges B³ projecting laterally therefrom.

C is a brush-attaching plate having curved lugs C' on one edge thereof, adapted to be inserted through the attaching-slots B² in the clamping-jaw B and engage therewith and provided with an upwardly-projecting resilient member C², having depressions C³ therein adapted to engage with and be disengaged

from the attaching-flanges B³ on the clamping-jaw B by reason of its resiliency.

D is a scrub-brush secured, by means of screws D', to the brush-attaching plate C.

E is a movable clamping-jaw parallel with the fixed jaw B, having its ends E' extending and converging rearwardly and united by connecting means to be described hereinafter.

F is a ring encircling and slidable on the handle A.

G is a bifurcated lever mounted by the free ends G' of its furcations on pivot-bearings G² on the ring F and having openings G³ there-through to admit and pivotally connect with the ends E' of the movable jaw E.

H is a coiled spring encircling the handle A, compressible between the fixed clamping-jaw B and slidable ring F and normally acting to force the movable jaw E toward the fixed jaw B.

I is a mop inserted between the jaws B and E.

A pintle J may be inserted through the handle A' or an equivalent device be attached to such handle in place of the flanges B³ on the fixed clamping-jaw B without departing from the spirit and scope of my invention.

By pressing the thumbs at C⁴ upon the member C² of the brush-attaching plate C the latter may be disengaged first from the flanges B³ on the jaw B and then from the slots B² therein, thus leaving the mop and brush to be used separately, if desired.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a utensil of the class described, in combination, a fixed clamping-jaw, having attaching-slots extending transversely there-through, attaching means located above said jaw, a brush-attaching plate, having curved lugs, on one edge thereof, adapted to be inserted through the attaching-slots in the clamping-jaw and engage therewith, and provided with an upwardly-projecting resilient member having depressions therein adapted to engage with and be disengaged from the attaching means, by reason of its resiliency, and a scrub-brush fast to the brush-attaching plate, substantially as and for the purpose specified.
2. In a utensil of the class described, in com-

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bination, a fixed clamping-jaw, having attaching-slots extending transversely therethrough and attaching-flanges projecting laterally therefrom, a brush-attaching plate, having curved lugs, on one edge thereof, adapted to be inserted through the attaching-slots in the clamping-jaw and engage therewith, and provided with an upwardly-projecting resilient member having depressions therein adapted
10 to engage with and be disengaged from the attaching-flanges, on the fixed clamping-jaw,

by reason of its resiliency, and a scrub-brush fast to the brush-attaching plate, substantially as and for the purpose specified.

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

AUGUST S. HELD.

Witnesses:

JOHN M. IRWIN,
W. H. J. STRATTON.