

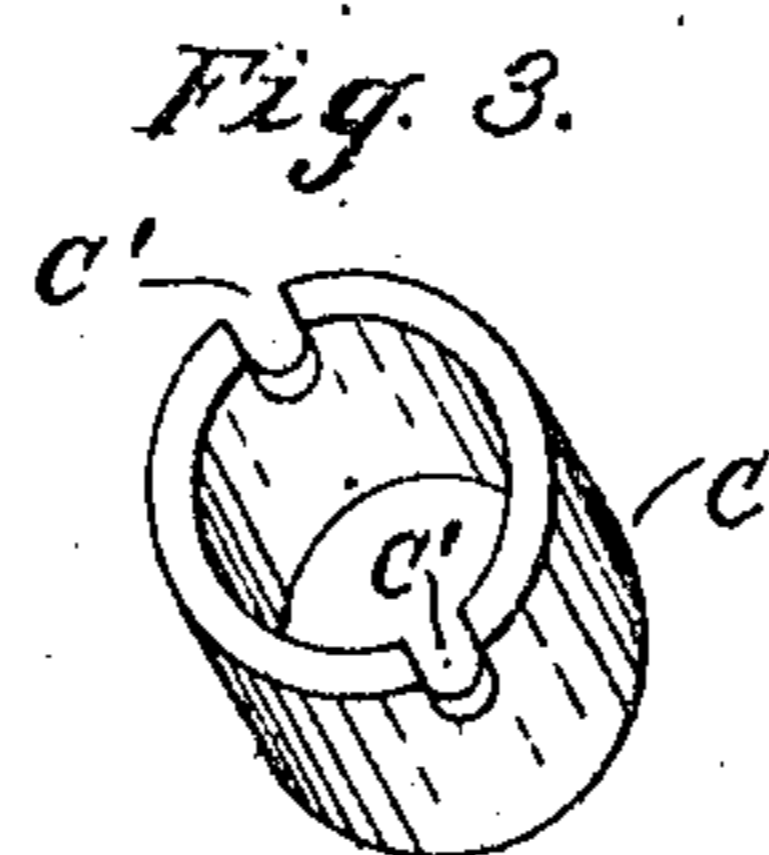
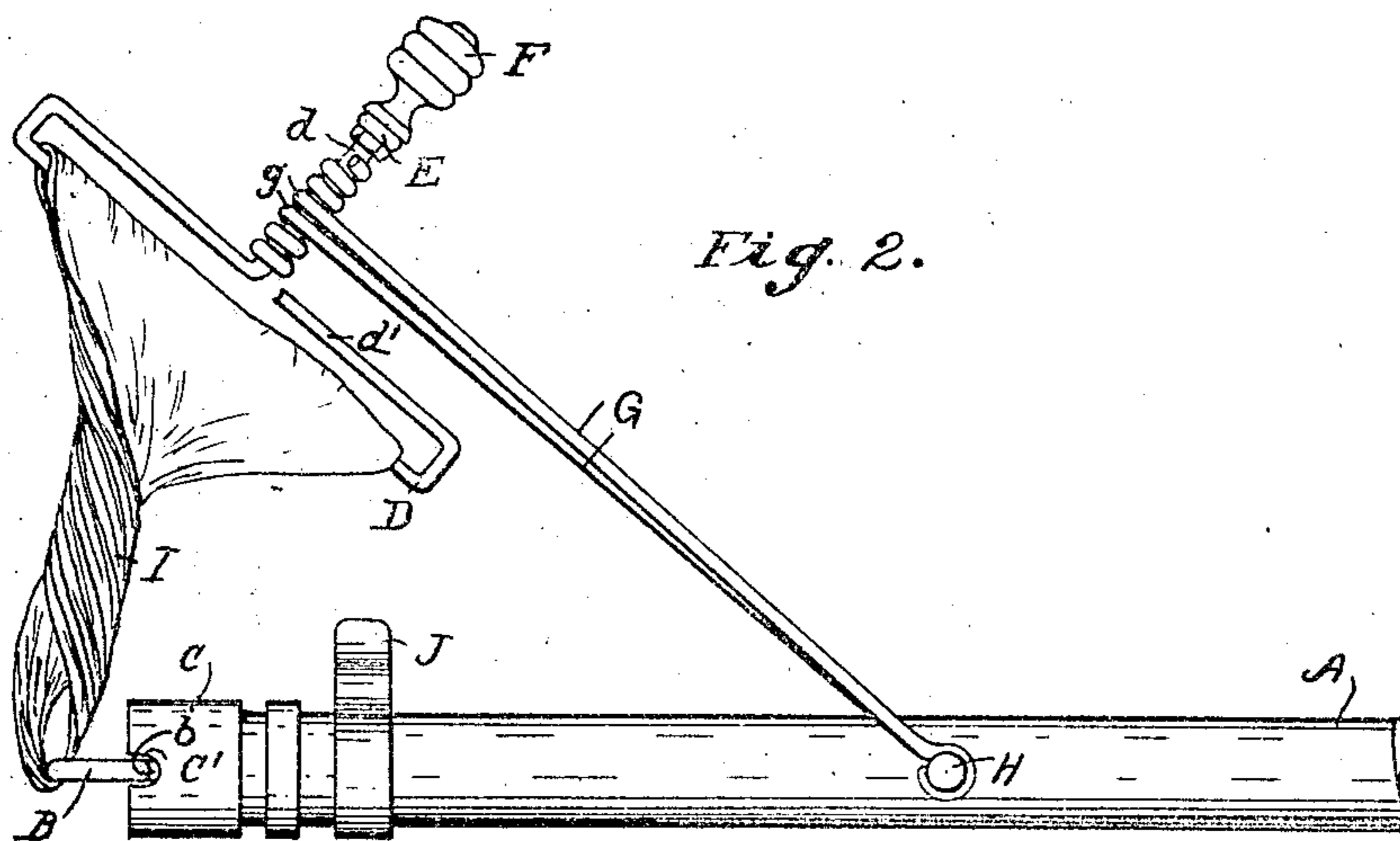
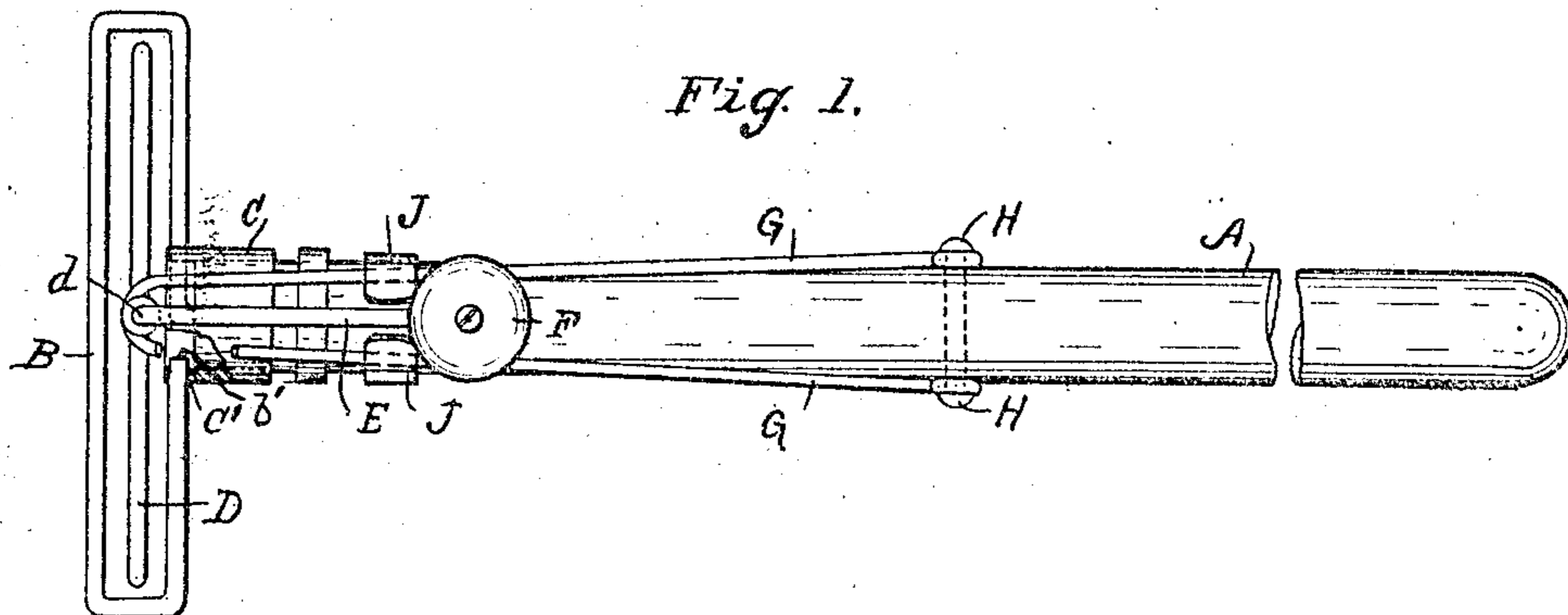
C. H. DAVIS.

MOP.

APPLICATION FILED NOV. 20, 1908

925,758.

Patented June 22, 1909.



WITNESSES:

*J. D. Bremer*  
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INVENTOR

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# UNITED STATES PATENT OFFICE.

CHARLES H. DAVIS, OF MILWAUKEE, WISCONSIN.

MOP.

No. 925,758.

Specification of Letters Patent.

Patented June 22, 1909.

Application filed November 20, 1908. Serial No. 463,546.

*To all whom it may concern:*

Be it known that I, CHARLES H. DAVIS, a citizen of the United States, residing at Milwaukee, county of Milwaukee, and State of Wisconsin, have invented new and useful Improvements in Mops, of which the following is a specification.

My invention relates to improvements in mops, and pertains especially to that class of mops in which the cloth may be wrung out without soiling or wetting the hands of the operator.

The object of this invention is to provide improved cloth wringing means which can be more easily and quickly manipulated than the devices heretofore used and in which the parts may be quickly restored to and held in normal position after the wringing operation, regard being had for durability, simplicity of structure and economy in cost of manufacture.

In the following description, reference is had to the accompanying drawings, in which—

Figure 1 is a plan view of my invention with the parts in position of use. Fig. 2 is a side view showing the cloth holders in cross section. Fig. 3 is a perspective view of a thimble for supporting the free end of the cloth holding frame when in use.

Like parts are identified by the same reference characters throughout the several views.

The mop stick or handle A is provided with a fixed cloth holder B at its lower end, preferably formed of heavy wire having one end secured or driven into the handle at *b*, the remainder of the wire being bent to form a rectangular frame with a free end *b'* in close proximity to the handle, whereby a looped cloth may be slipped onto the frame over this end *b'*. A sliding ferrule C is preferably adjusted to the lower end of the handle and provided with notches *C'* adapted to receive the end *b'* of the cloth holder whereby the end of the wire composing the frame will be supported. The ferrule C is slipped backwardly on the handle A when it is desired to remove or apply the cloth. Another cloth holding frame D, similarly constructed but shorter in length, is supported in a plane at right angles to the plane of the cloth holder B and in normal position of use extends into or through the space between the sides of the frame B. One end of the wire composing the frame D is extended to form a shank *d*, which is journaled in a bearing *g* connected with the

supporting arms G, which are pivotally connected to the mop stick or handle at H. The extremity of the shank *d* above the bearing *g* is bent to form a crank E and provided with a handle F, whereby the frame or cloth holder D may be rotated when lifted above the frame or cloth holder B, as shown in Fig. 2.

The cloth I is preferably formed in a continuous band which is adjusted as above stated, over the free ends *b'* of the frame B and *d'* of the frame D and manipulated into the position on said frames in which it is shown in Fig. 2. A fastening is employed to hold the arms G in position of use at all times except when the cloth is being wrung out. It is not material to this invention what style of fastening is employed, the resilient clips J being suitable for this purpose.

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

1. The combination with a mop stick having a cloth holding frame, of a supporting member pivoted at one end to the mop stick at an intermediate point, a second cloth holding frame journaled in the free end of said supporting member at a tangent to the arc in which said member swings about said pivot and normally in a position transverse to the axis of the mop stick, said second cloth holding frame being adapted to swing in the arc of movement of said member outwardly from its normal position with reference to the stick.

2. The combination with a mop stick having a cloth holding frame, of a set of metallic supporting arms pivoted to the mop stick at an intermediate point and having their free ends coiled about a transverse axis, a second cloth holding frame provided with a journal arm extended through said coils and having its extremity bent to form an operating handle, said second frame being supported by said coils in a position to move into and out of proximity with the first mentioned frame.

3. The combination with a mop stick having a cloth holding frame, of a second cloth holding frame, and a support for said second frame pivotally connected with the mop stick at an intermediate point and adapted to be swung to adjust the second frame into and out of proximity with the first mentioned frame, said second frame being rotatably connected with said support, together

with a releasable fastening for holding the support with the frames in proximity to each other.

4. The combination with a mop stick having a cloth holding frame, of a second cloth holding frame, and a support for said second frame pivotally connected with the mop stick at an intermediate point and adapted to be swung to adjust the second frame into and out of proximity with the first mentioned frame, said second frame being rotatably connected with said support, together with a resilient fastening mounted on the mop stick and adapted to engage the support when the frames are in proximity to each other.

5. The combination with a mop stick, of a rectangular cloth holding frame secured to one end thereof, a swinging support pivotally connected to the mop stick intermediate of

its ends, a second frame journaled in said support and provided with an operating crank, said second frame being shorter than the first mentioned frame and adapted to extend through the latter in a plane at right angles thereto when the support is swung to normal position, the material composing said frames being separated at one point to permit the manipulation of a looped mop cloth into and out of position of use, together with an adjustable thimble on the end of the mop stick and provided with notches adapted to receive the end portions of the frames in one position of adjustment.

In testimony whereof I affix my signature in the presence of two witnesses.

CHARLES H. DAVIS.

Witnesses:

G. J. Loos,

JAMES LODEN.