W. SEVERNS.

MOP.

APPLICATION FILED OCT. 14, 1918.

1,307,215.

Patented June 17, 1919.

FIG. 1

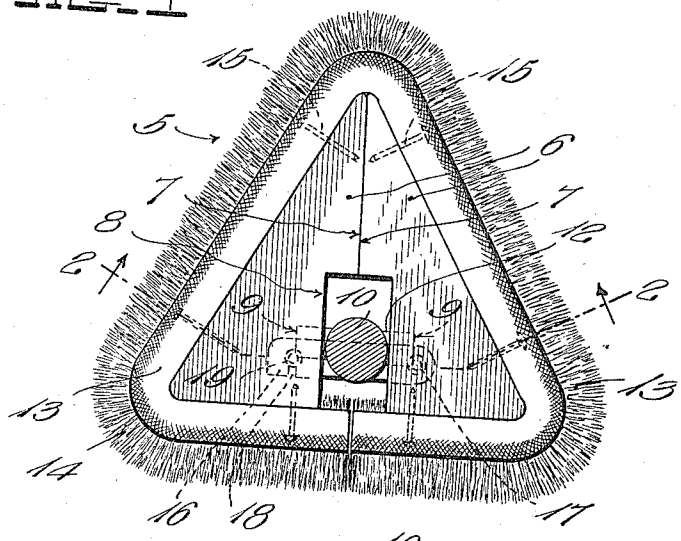


FIG. 2

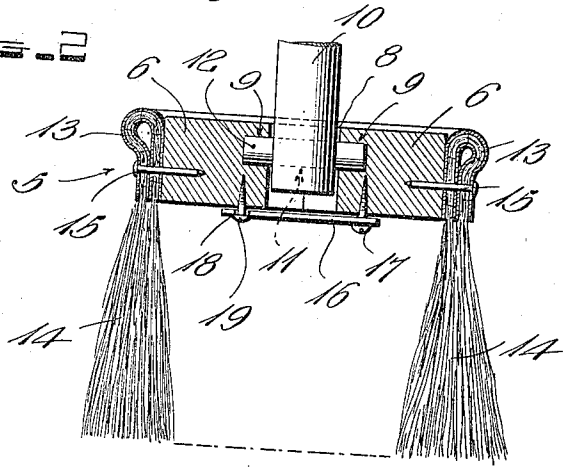
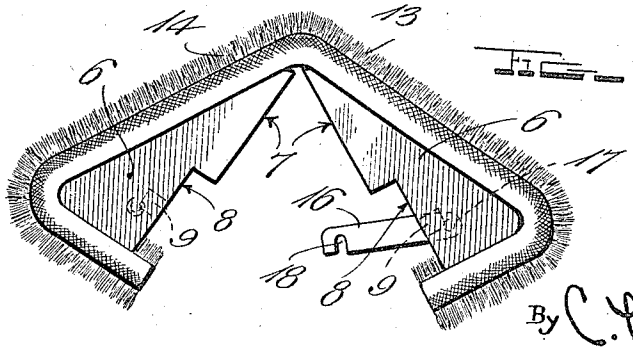


FIG. 3



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UNITED STATES PATENT OFFICE.

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MOP.

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Application filed October 14, 1918. Serial No. 257,977.

To all whom it may concern:

Be it known that I, WILLIAM SEVERNS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Mops, of which the following is a specification.

My invention relates to improvements in mops.

An important object of the invention is to provide a mop of simplified construction, having a mop head support formed entirely of wood, or wood with the minimum amount of metal.

A further object of the invention is to provide a mop of the above mentioned character, having means whereby a strong pivot joint is effected between the mop head support, and handle.

Other objects and advantages of the invention will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a plan view of the mop embodying my invention,

Fig. 2 is a transverse sectional view taken on line 2—2 of Fig. 1, and,

Fig. 3 is a plan view of the mop head and mop head support, showing the same in the open position.

In the drawings, wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numeral 5 designates a mop head support as a whole, which is preferably triangular in shape, and converges forwardly with its base arranged rearwardly. The mop head support 5 is formed in the pair of triangular members 6, having straight edges 7, which contact when the members are closed. These members 6 are formed of wood. The members 6 are provided with rabbets 8, which are in registration, when the members are closed. The rabbets 8 are formed in the rear end of the edges 7, and transverse recesses 9 are formed in the walls of the rabbets 8, and lead into these openings, as clearly shown in Fig. 3.

The numeral 10 designates a wooden mop handle, which is provided near its forward end with a transverse opening 11, receiving a transverse pivot element or pin 12, which is formed of wood. The pivot element 12 projects laterally beyond the handle 10 into the recesses 9, and is free to turn therein.

The numeral 13 designates a mop head of any suitable construction, the same being ordinarily formed of fabric and is flexible. This mop head includes depending strands 14. The mop head 13 extends about the outer edges of the triangular member 6 and is secured thereto by means of nails 15 or the like. The mop head by passing across the forward end of the members 6, serves as a pivot for the same, but it is obvious that separate hinge means may be employed for this purpose, if desired.

Means are provided to lock the rear ends of the members 6 together, comprising a metallic latch 16, pivoted to one member, as shown at 17, and provided at its opposite end with a notch 18. This notch is adapted for the reception of a headed pin or screw 19, secured to the other member 6. The latch 16 is preferably arranged beneath the member 6, as clearly shown in Fig. 2. It is to be understood that any other suitable means may be employed to lock the rear ends of the member 6 against opening or spreading movement.

It is obvious that by swinging the members 6 to the open position, as indicated in Fig. 3, the pivot element 12 may be inserted within the recesses 9, and the members 6 locked in the closed position, by the latch 16. The handle 10 will now have a pivotal connection with the head support 6, to swing vertically longitudinally thereof.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same, and that various changes in the shape, size and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claims.

Having thus described my invention, I claim:

1. A mop of the character described, comprising a head support including a pair of members provided upon their inner edges with recesses, a mop head carried by the coacting members, means to lock the members together, a handle, and a transverse pivot element carried by the handle and extending into the recesses.

2. A mop of the character described, comprising a head support including a pair

of members provided upon their inner edges and near their rear ends with rabbets and recesses formed in the opposing walls of the rabbets, a mop head extending about the members and secured to the edges thereof and connecting the forward ends of the same, a handle having a transverse opening formed therein, a pivot element extending through the transverse opening and adapted to have its ends inserted into the recesses, and means to hold the members in the closed position.

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

WILLIAM SEVERNS.

Witnesses:
R. J. STEINETZ,
A. P. FLEISCHMAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."