

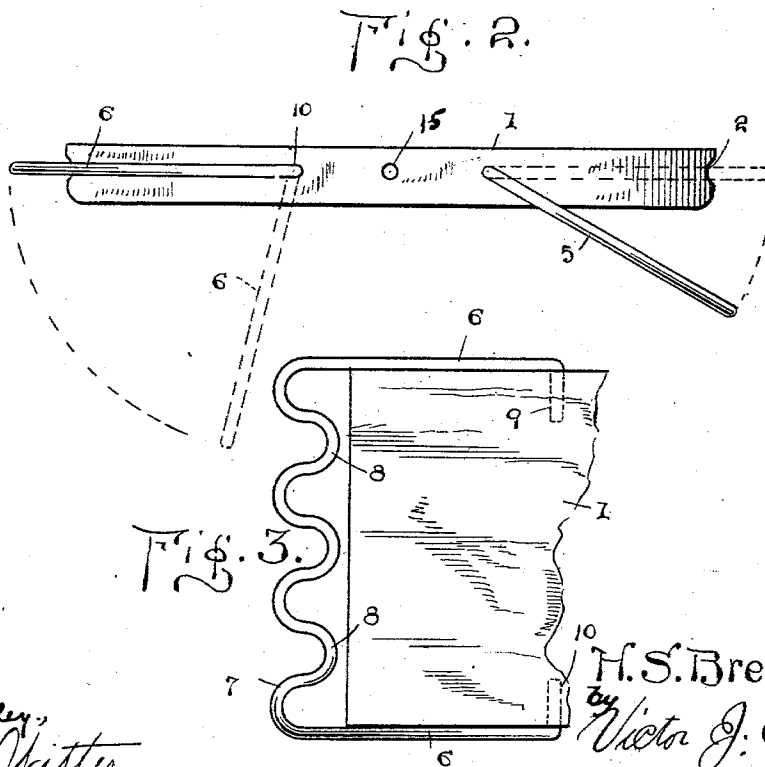
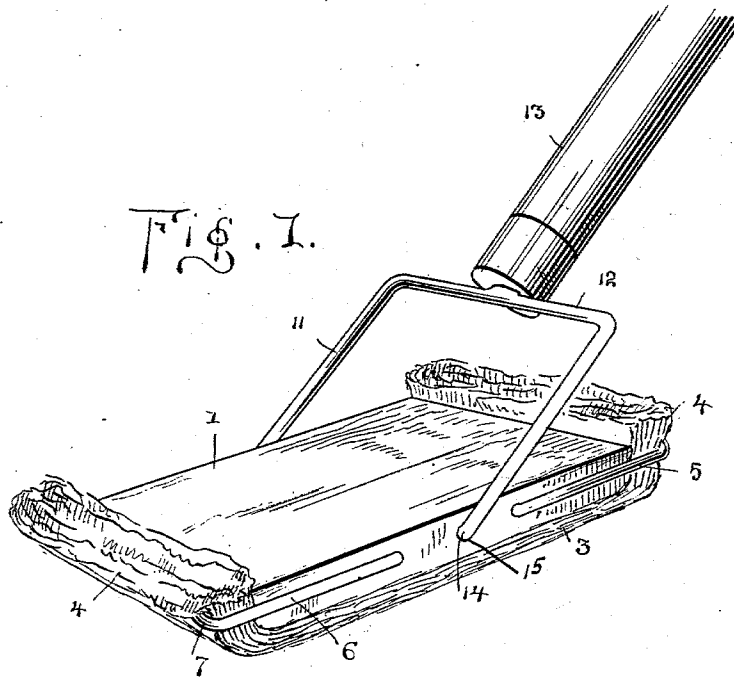
No. 694,826.

Patented Mar. 4, 1902.

H. S. BREWINGTON.
MOP HEAD.

(Application filed July 8, 1901.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

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MOP-HEAD.

SPECIFICATION forming part of Letters Patent No. 694,826, dated March 4, 1902.

Application filed July 8, 1901. Serial No. 67,539. (No model.)

To all whom it may concern:

Be it known that I, HENRY S. BREWINGTON, a citizen of the United States, residing at 2332 Eutaw Place, Baltimore, in the State of Maryland, have invented new and useful Improvements in Mop-Heads, of which the following is a specification.

This invention relates to mop-heads, and has for its object to provide a simple, cheap, and effective device of the character referred to by means of which a piece of fabric forming the covering and scrubbing surface of the device may be readily applied to and removed from the head proper.

The specific object of the invention is to provide in connection with a mop-head in the form of a block having grooves or seats a pair of oppositely-located clamps having serpentine cross-bars, which are adapted to force the end portions of the fabric forming the covering or scrubbing surface against the block, thereby securely holding the fabric upon the head.

The device as a whole is especially designed for scrubbing and drying floors, porches, and other surfaces, enabling the same to be effectually cleaned without the necessity of bending or stooping to manipulate the mop.

With the above and other objects in view the invention consists in the novel construction, combination, and arrangement of parts hereinafter fully described, illustrated, and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a mop-head. Fig. 2 is a side view of the mop-head, omitting the handle and covering cloth or fabric. Fig. 3 is a plan view of a portion of the mop-head.

Similar numerals of reference designate corresponding parts in all figures of the drawings.

The mop-head contemplated in this invention is preferably in the form of a rectangular block 1 of any suitable size provided in its opposite ends or edges with grooves or depressed seats 2, adapted to receive a portion of the covering fabric, which by means of the clamps hereinafter described is crimped or indented and partially forced into said grooves or seats. The lower surface of the head-block 1 is designed to be covered by a

suitable piece of cloth or fabric, (indicated at 3,) which is of sufficient length to allow the end portions 4 thereof to be folded upward against the ends of the block, so as to cross and overlies the grooves 2. In order to secure the cloth or fabric to the block, I provide a pair of oppositely-located clamps 5, each of which comprises a pair of side arms 6, arranged substantially parallel to each other and connected at their outer ends by means of a cross-bar 7, bent into serpentine form to provide a plurality of binding or engaging surfaces or points 8, which project inward toward the groove 2, as clearly illustrated in Fig. 3. By constructing the cross-bar 7 in the form shown and described the same is adapted to yield or spring outward and inward, thereby securely and snugly holding the contiguous end portion of the covering fabric against the end of the block and forcing a portion of said fabric into the groove or depressed seat 2. The terminals of the side arm 6 are bent inward to form pintles or journals 9, which are sprung into oppositely-located sockets 10, formed in the side edges of the head 1, as clearly illustrated. This arrangement enables the clamps to be swung upward or downward at pleasure preparatory to applying the covering fabric to the head, the final position of the parts being illustrated in Fig. 1.

Connected with the central portion of the head 1 is a swinging bail 11, consisting of a three-sided frame having connected to the center of the cross-bar 12 a suitable handle 13, by means of which the mop may be pushed or dragged along the surface being operated upon. The extremities of the side arms of the swinging bail 11 are bent inward to form pintles 14, which are received in oppositely-located sockets 15 in the edges of the head 1, thus admitting of a relative pivotal movement between the handle and mop-head to accommodate itself to the surface being cleaned and to any inequalities therein.

The mop-head hereinabove described is simple and economical in construction. The covering fabric therefor may be applied to the head by inexperienced persons, requiring no special skill, and when the fabric is applied it is securely held in place by the serpentine cross-bars of the clamps, which force portions of the fabric into the end grooves or

seats. By reason of the pivotal connection of the handle with the head the latter is adapted to accommodate itself to the surface being cleaned and bending or stooping of the operator is rendered unnecessary.

Changes in the form, proportion, and minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention.

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

1. A mop-head consisting of a body portion provided in its opposite edges with depressed seats, in combination with oppositely-located clamps comprising side arms with terminal pintles journaled in sockets in the body and each comprising a spring cross-bar of serpentine shape adapted to be brought op-

posite one of the sides and to force a portion of the covering fabric into the seat, substantially as described.

2. A mop-head consisting of a block provided with depressed seats in its opposite ends, in combination with a handle pivotally connected with the block; a fabric covering for the lower surface of the block; and a pair of clamps pivotally connected with the block and comprising oppositely-located end cross-bars of serpentine shape adapted to lie opposite the seats in the block and to force portions of the fabric covering into the seats, substantially as and for the purposes specified.

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

HENRY S. BREWINGTON.

Witnesses:

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