

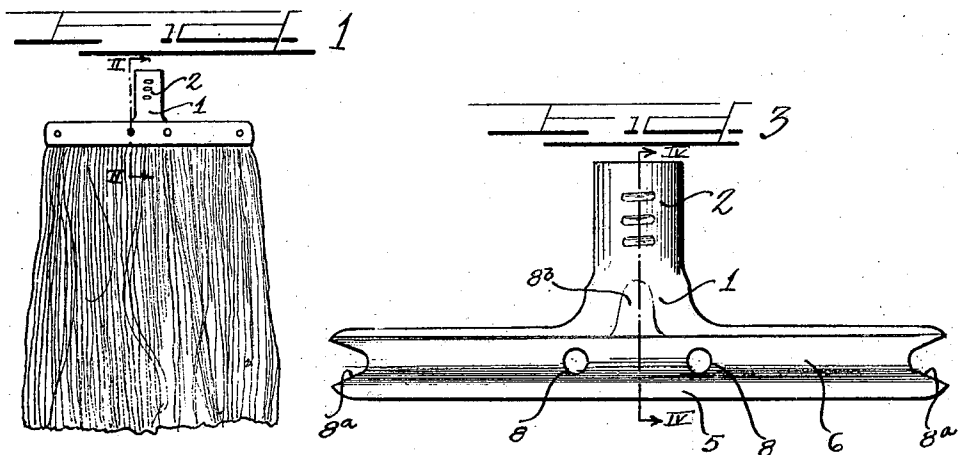
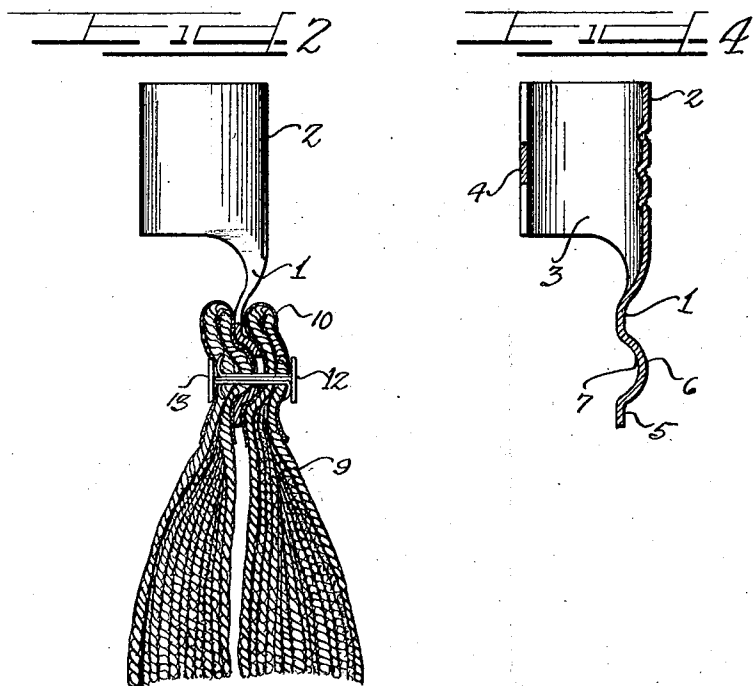
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MOP

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UNITED STATES PATENT OFFICE.

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MOP.

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This invention relates to mops and more particularly to mop mounting means.

Numerous forms of mop mountings have been heretofore proposed, but these have not proven entirely satisfactory, they being more or less complicated in their construction, expensive, and so constructed that the mop fabric tends to loosen from the mop head when the latter is subjected to its ordinary usage.

It is accordingly an object of this invention to overcome the above mentioned difficulties in mops of the above type and to provide simple and improved means for more firmly securing the mop fabric to the mop head.

Other objects and advantages appear from the following description of an illustrated embodiment of the present invention.

In the drawings:

Figure 1 is a front view in elevation of a mop head embodying features of the present invention.

Figure 2 is an enlarged vertical sectional view taken substantially along line II—II of Figure 1.

Figure 3 is a detail view in elevation showing the mop head with the fabric removed.

Figure 4 is an enlarged vertical sectional view taken along line IV—IV of Figure 3.

The device selected for illustration comprises an inverted T-shaped mop head 1 stamped from a single sheet of metal to define an integral handle socket 2. The socket 2 is cylindrically formed from a pair of rearwardly bent semi-cylindrical flaps 3, the adjacent contacting edges of which are secured together by a lug 4 on one of said edges, which cooperates with any appropriate slot (not shown) in the edge of the other flap.

The head 1 terminates in a transversely extending integral bar 5 disposed normal to the axis of the socket 2 and having, in this instance, a concave rib 6, extending for the length thereof. The concavity of the rib 6 in the bar 5, provides a groove 7 having a pair of apertures 8 longitudinally spaced relative thereto at the bottom thereof. V-shaped notches 8^a are provided in the extremities of the bar 5 at either side of a vertical reinforcing rib 8^b struck in the head 1 in line with the socket 2, it merging with the rib 6.

A mop fabric 9 having the usual binder

10 along the upper edge thereof, is firmly secured around the bar 5, the ends being brought together at the rear of the bar and held in fixed position by rivets which will be hereinafter described. The inner periphery of said binder is extended along the outside of the rib 6, it being wedged in the notches 8^a and positioned in the groove 7. The fabric 9 is held in the above described position on the head 5, by means of a plurality of rivets 12 and 13 which extend through the apertures 8 and the portion of the mop fabric on either side thereof, the rivets 12 extending from one side and the rivets 13 extending from the other side. Each of the rivets are preferably provided with split stems which are positioned in opposing relation as will be apparent from the showing in Figure 2.

The head 1 is preferably covered with a non-corrosive coating such as zinc or the like so that the fabric 9 may be washed without removing the same from said head, thereby avoiding the oxidation thereof.

It will be obvious from the foregoing, that a mop has been provided which is simple, inexpensive, and durable, it being capable of withstanding rough usage without danger of loosening the mop fabric from the head. It is to be noted that the mop fabric may be washed with or without necessitating removal of the fabric from the head, it being readily replaceable.

I am aware that many changes may be made and numerous details of construction may be varied through a wide range without departing from the principles of this invention and I therefore do not purpose limiting the patent granted hereon otherwise than necessitated by the scope of claims.

I claim as my invention:

1. A mop head comprising a handle socket, a transverse bar integral therewith, said socket being intermediate of the ends thereof, said bar having a groove co-extensive therewith and apertures spaced along the length thereof, a mop fabric extending along said bar, and fastening means extending through said apertures and fabric and acting to hold said fabric against said groove.

2. In a mop, a handle socket, a transverse bar integral therewith, said bar being notched at its ends, a mop fabric extending longitudinally around lateral faces of said bar and engaged in said notches, and means

to aid said notches in retaining said fabric on said bar.

3. In a device of the character described, a mop holder comprising means for connection with a handle, and a transverse element provided with a laterally facing groove therein, said element being provided with

notches at the ends of said groove, a mop fabric, and means for holding said fabric around said element in said groove and said notches. 10

In testimony whereof I have hereunto subscribed my name.

PETER BROWN.