

W. J. PECK.

MOP.

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1,045,173.

Patented Nov. 26, 1912.

FIG. 1

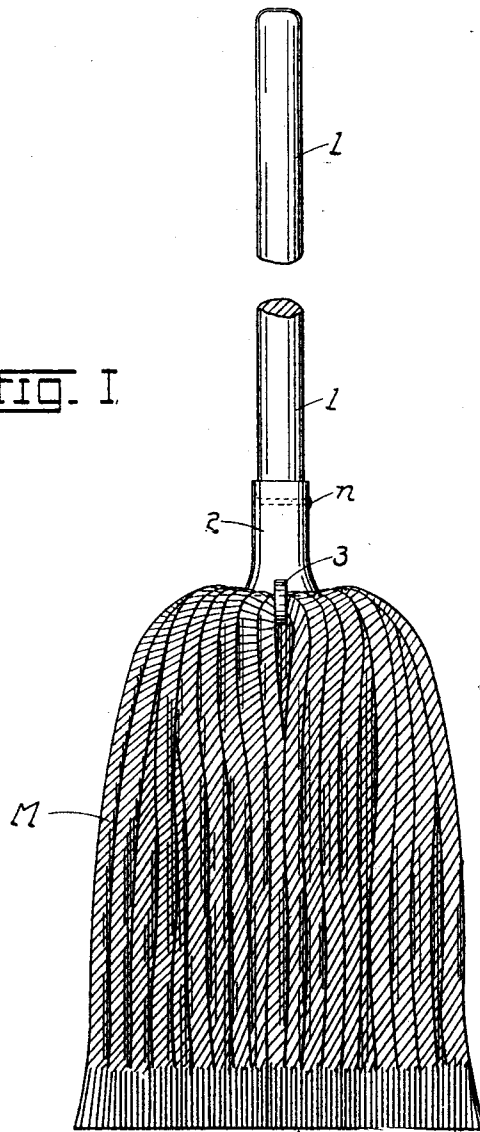


FIG. 2.

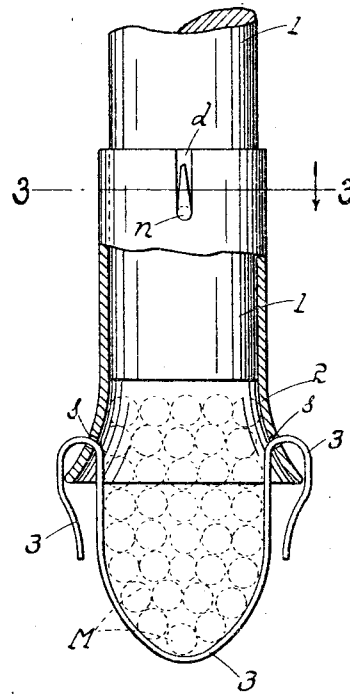
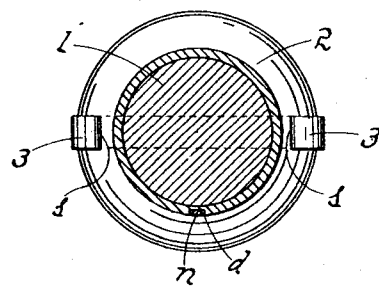


FIG. 3.



WITNESSES:

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MOP.

1,045,173.

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To all whom it may concern:

Be it known that I, WILLIAM J. PECK, citizen of the United States, residing at St. Louis, State of Missouri, have invented certain new and useful Improvements in Mops, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention has relation to improvements in mops, and it consists in the novel details of construction more fully set forth in the specification and pointed out in the claim.

In the drawings, Figure 1 is an elevation of my invention, the handle of the mop being broken; Fig. 2 is a combined elevation and section of the ferrule and lower end of the handle showing the manner of securing the anchor-band or tie; and Fig. 3 is a cross-section on the line 3—3 of Fig. 2.

The object of my invention is to construct a mop in which the yarn or cloth is so attached to the handle that every portion of the yarn may be available for mopping purposes. The connection between the handle and yarn is so made as to bring the yarn wholly outside of, or beyond the handle, the latter in no wise interfering with the legitimate function of the yarn.

A further object is to provide securing means for the yarn which will permit the enlargement or reduction of the quantity of yarn (or cloth), or the renewal of old and worn out yarn by fresh material, all in a minimum amount of time.

A further object is to provide securing means capable of ready renewal, and finally to construct a mop possessing further and other advantages better apparent from a detailed description of the invention which is as follows.

Referring to the drawings, 1 represents a handle or stick to one end of which is secured a wrought iron (or equivalent) ferrule 2, the preferred manner of securing the latter being by means of a nail *n* driven through the handle and through diametrically disposed openings formed in the ferrule adjacent its inner end, the pointed end of the nail being bent and clenched into a depression *d* formed for its reception in the wall of the ferrule at the opening through which the nail is driven. This

brings the clenched portion of the nail flush with the ferrule surface and is thus prevented from scratching the hands.

The outer end of the ferrule is flaring as shown, for the reception of the folded portions of the lengths of yarn *M* or cloth constituting the mop proper, the strands of yarn (or cloth) being held in place or fastened to the ferrule by means of a metallic band or tie 3 made preferably of ribbon steel, the yarn strands being folded over the band and the ends of the latter passed through diametrically disposed slots *s* formed in the walls of the ferrule, the ends of the band thus passed through the slots being subsequently folded back or doubled against the main body of the band, as shown. The slots *s, s*, are preferably disposed on a diameter at right angles to the diameter defining the position of the nail holes, though not necessarily so. The band 3 thus becomes an anchor for the yarn, such anchor being positioned beyond the extreme end of the handle. This places the yarn wholly beyond the handle so that the latter can in no wise interfere with the legitimate mopping functions of the yarn (or cloth). The anchor while preferably made of ribbon steel may be made of other material, but ribbon steel is preferable since being flat it does not cut into the yarn to any detrimental extent. By lengthening or shortening the portion of the band 3 which is passed through the slots *s, s*, a greater or less quantity of yarn may be accommodated according to the bulk of mop desired. The band is readily removed should it be desired to renew the yarn, or to add to or take away from it, the easy adjustment of the length of the band being a point of decided advantage. The outer flaring end of the ferrule forms a socket with the end of the handle, said socket receiving the folds of the several strands of yarn or cloth which make up the mop. The degree of flare is a matter left to the judgment of the designer, that here shown being considered eminently practical.

Having described my invention, what I claim is:—

In combination with a handle, a ferrule passed over and secured at one end of the same and terminating in a portion extending beyond the handle and forming a socket

with the end of the handle, the walls of the
socket being provided with slots disposed
diametrically opposite one another, suit-
able strands of yarn folded at the center and
5 received by the socket, a flexible flat steel
band encompassing the folded portions of
the yarn opposite the socket and having its
ends passed through the slots and folded

back against the body of the band, substan-
tially as set forth. 10

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

WILLIAM J. PECK.

Witnesses:

EMIL STAREK,

FANNIE E. WEBER.