Aug. 17, 1954 J. L. KING 2,686,327

MOP PAD HAVING A POCKET RECEIVING A DETACHABLE HANDLE

Filed March 5, 1952

Fig. 1.

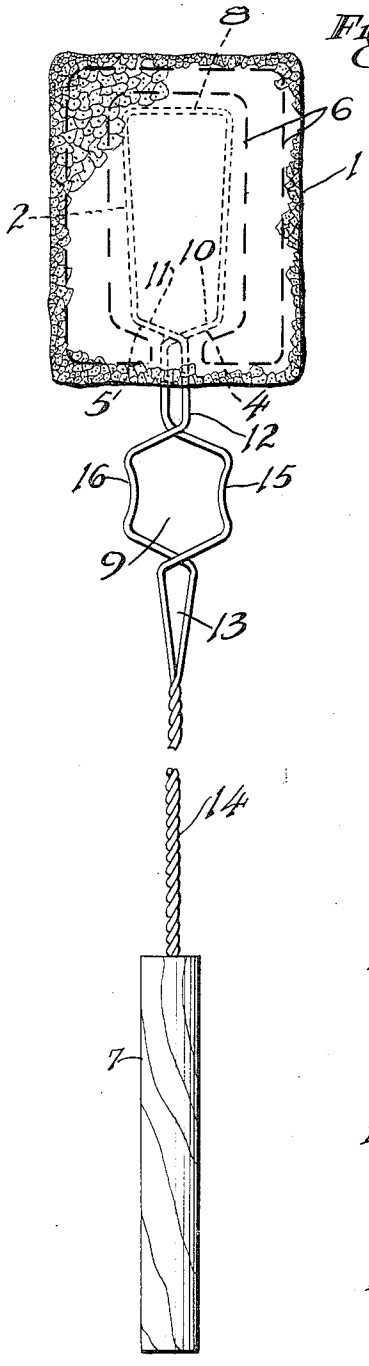


Fig. 2.

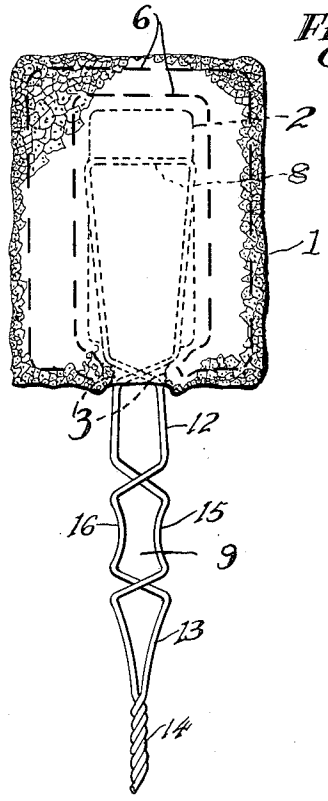


Fig. 3.

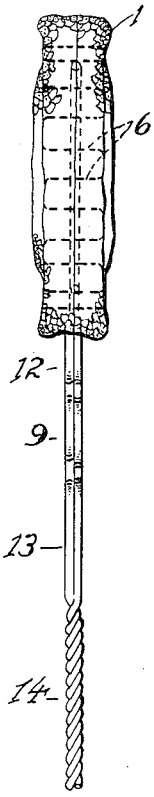


Fig. 4.

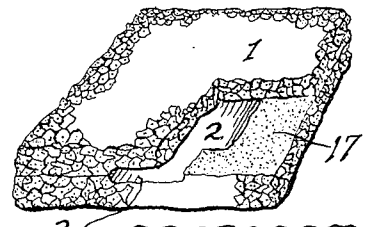
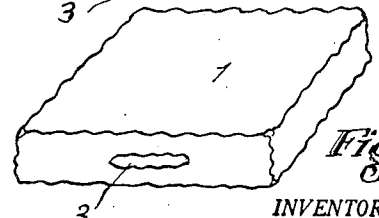


Fig. 5.



INVENTOR.

John L. King

BY Brownell & Brownell

ATTORNEYS

Patented Aug. 17, 1954

2,686,327

UNITED STATES PATENT OFFICE

2,686,327

MOP PAD HAVING A POCKET RECEIVING A DETACHABLE HANDLE

John L. King, East Orange, N. J.

Application March 5, 1952, Serial No. 274,861

2 Claims. (Cl. 15—228)

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My invention is directed to certain improvements in mops in which the pads are provided with removable handles. An object of my invention is to provide a mop in which the pad may be locked securely to its handle by simple, efficient, and inexpensive means, said pad being readily released from its handle when desired. My invention includes more particularly a mop of suitable material having a pocket therein which is provided with shoulders for coaction with shoulders on a collapsible outer loop of the handle shank to lock the pad to the handle, said outer loop being collapsible by the manual collapsing of an inner loop operatively connected to the outer loop.

A practical embodiment of my invention is represented in the accompanying drawing.

Fig. 1 represents a side view of the mop with its pad locked to the handle.

Fig. 2 represents a fragmentary detail side view showing the pad released from the handle to permit its removal therefrom.

Fig. 3 represents a fragmentary detail edge view of the mop.

Fig. 4 represents a modified form of pad.

Fig. 5 represents another modified form of pad.

The pad 1 may be of any suitable material, as an absorbent cellular fabric. A flat pocket 2 is provided in the pad 1 said pocket being made narrower at its mouth to form opposite somewhat inclined shoulders 4 and 5. This pocket is herein shown as having an oblong rectangular contour.

In the form shown in Figs. 1, 2 and 3 the pad consists of two layers of suitable material sewed together by a thread which will not scratch or mar the surface to be cleaned, the two rows of stitches 6 shown herein serving also to strengthen the pad and to maintain the contour of the pocket 2. The handle of the mop includes a hand piece 7 secured to the inner end of the shank of a spring wire, which is doubled on itself and developed to form outer and inner collapsible loops 8 and 9. The outer loop 8 is shown of general oblong rectangular shape to normally snugly fit within the pocket 2, which loop is provided at its inner end with opposite somewhat inclined shoulders 10 and 11 for engaging the pocket shoulders 4 and 5 to releasably lock the pad to the handle.

These outer and inner collapsible loops 8 and 9 are operatively connected by an untwisted freely movable portion 12 of the doubled wire shank.

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The inner loop 9 which is manually collapsible, is shown as connected by an untwisted normally collapsed freely movable loop portion 13 to the twisted, inner portion 14 of the shank which is secured in the hand piece 7.

The opposite sides 15 and 16 of the inner loop 9 are shown as bent inwardly to provide a better hold for the operator.

When the normally expanded loop 8 is releasably locked in the pocket 2 of the pad 1 by the coaction of the shoulders 4 and 5 of the pocket with the shoulders 10 and 11 of the loop and it is desired to remove the pad, the inner loop 9 is manually collapsed to thereby collapse the outer loop 8 sufficiently to unlock the same from the pad and thus, permit the removal of the pad. It will be understood that the yielding nature of the pad material will permit the loop 8 to stretch the mouth 3 sufficiently to permit the loop 8 to be withdrawn therethrough.

In Fig. 4 I have shown the two layers of the pad as being united by an adhesive 17 instead of by stitching.

In Fig. 5 I have shown the pad as being composed of a single layer of suitable material with the pocket formed therein.

It is evident that various changes may be made in the construction, form and arrangement of the several parts without departing from the spirit and scope of my invention.

What I claim is:

1. In a mop, a pad having a flat pocket therein opening to an end of the pad and narrowed at its mouth to form opposite shoulders, and a removable mop handle comprising a spring wire doubled upon itself and crossed to form the following loops: a normally expanded outer loop having shoulders for engaging the pad pocket shoulders, a normally expanded manually collapsible inner loop, a normally collapsed intermediate loop operatively connecting the inner end of the outer loop with the outer end of the inner loop, and a shank having a normally collapsed loop operatively connected at its outer end to the inner end of the inner loop.

2. In a mop, a pad having a flat pocket therein opening to an end of the pad and narrowed at its mouth to form opposite shoulders, and a removable mop handle comprising a spring wire doubled upon itself and crossed to form the following loops: a normally expanded outer loop having shoulders for engaging the pad pocket shoulders, a normally expanded manually collapsible inner loop, a normally collapsed intermediate loop operatively connecting the inner

end of the outer loop with the outer end of the inner loop, and a shank having a normally collapsed loop operatively connected at its outer end to the inner end of the inner loop, a hand piece, the inner end of the shank being secured to the said hand piece.

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