Jan. 7, 1930. R. SCHAMPEL 1,742,937

MOP HOLDER

Filed Feb. 25, 1929

Fig. 1.

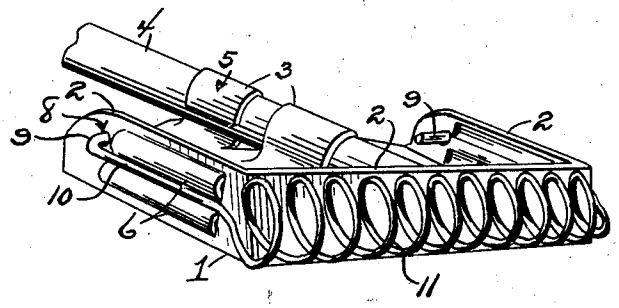


Fig. 2.

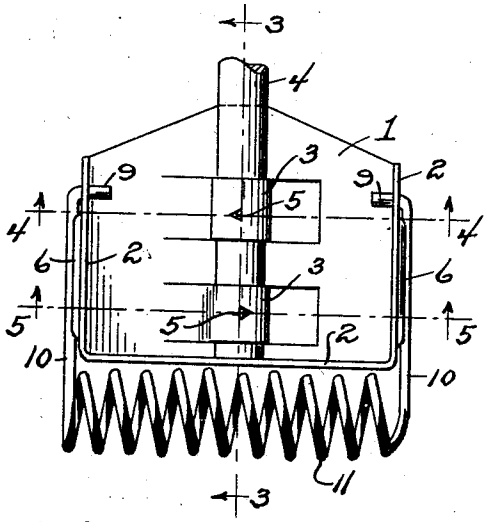


Fig. 3.

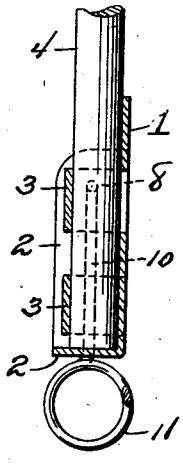


Fig. 4.

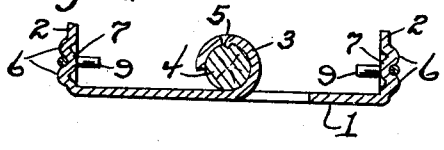


Fig. 5.



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MOP HOLDER

Application filed February 25, 1929. Serial No. 342,564.

My present invention has reference to a novel mop holder construction, my primary object being the provision of a device for this purpose in which a mopping head or cloth may be easily and quickly clamped in operative position and readily removed from the improvement without necessitating the same being contacted by the hand of the user.

More specifically the improvement comprises a flanged plate which is centrally integrally formed with eyes in which is received and fixed the handle of the mop holder, the side flanges of the plate or body being provided with spaced ribs that afford a groove therebetween and apertures to the rear of the groove, said grooves receiving the parallel arms at the ends of a coil spring therebetween, the outer ends of the arms being offset to be received in the apertures, the construction being such that the spring holding member may be easily and quickly swung to engage with the mop head or cloth and also wherein a blow delivered upon one side of the spring holder will force the offset or hooked ends of the arm of the second side of the holder out of the aperture so that the mop cloth may be removed without handling.

To the attainment of the foregoing the invention consists in the improvement hereinafter described and definitely claimed.

In the drawings:

Figure 1 is a perspective view of the improvement.

Figure 2 is a top plan view thereof.

Figure 3 is a sectional view on the line 3—3 of Figure 2.

Figure 4 is a sectional view on the line 4—4 of Figure 2.

Figure 5 is a sectional view on the line 5—5 of Figure 2.

In the showing of the drawings I have not deemed it necessary to illustrate the mopping cloth.

As disclosed by the drawings I make use of a metal body member in the nature of a plate 1 which has its sides and its outer edge flanged, as at 2. I slit the body both transversely and longitudinally and bend around the metal bouned by the slits to provide the same with eyes 3 for the reception of the handle 4. The eyes are formed with V-shaped slits and the metal bounded by these slits is bent upon itself to form the same with prongs 5 that enter the handle 4 and effectively hold the same on the body or plate. The side flanges 2 are provided with outstanding bulged portions forming pairs of spaced ribs 6 and inwardly rounded grooves 7 between the ribs. The ribs and grooves do not extend the entire length of the sides, and inward of the said grooves the sides, in a line with the grooves 7 are provided each with an aperture 8. These apertures are adapted to receive therethrough the offset or hooked ends 9 on the parallel side arms 10 provided at the ends of a convolute spring 11. The spring is disposed in close proximity to the front flange 2 of the body 1 and it will be apparent that when either of the hooked or offset ends 9 are brought out of one of the apertures 8 that a mop or wiping cloth may be arranged between the spring 11 and the outer flange of the body 1 and the wiping cloth may be arranged more expeditiously upon the device by a pressure upon the coiled portion of the spring to bring the arms 10 thereof out of the rounded grooves 7 and thereby swing the cloth holding spring upon the hooked ends 9. To remove the cloth it is merely necessary to exert a violent pressure against one end of the coil spring. From experience it has been found necessary to force one of the hooked ends 9 out of the aperture occupied thereby so that the cloth can be removed from the device without handling.

The construction is light weight and easy to handle, the spring coil holds the cloth secure and there is nothing that can catch on furniture or radiators which would cause the cloth to become loosened.

The coiled portion of the spring allows for various thicknesses of cloths or mop heads.

It is to be understood that changes may be made in the precise details of the construction. The device is so constructed that the same may be easily dismantled for the replacement of parts should any of the same become broken and does not embody elements

which are liable to disorder or breakage through use.

Having described the invention, I claim:

1. A mop holder comprising a body plate having flanges along its side and front edges carrying a handle and having spaced ribs on the side flanges providing grooves between said ribs and said side flanges being apertured inward of the grooves in alinement therewith, a coil spring along the front flange of the body plate to frictionally hold a mopping cloth, said spring having its ends provided with parallel arms received between the ribs, and the ends of the said arms being bent inward and received in the apertures.

2. A mop holder comprising a body plate having front and side upstanding flanges, and having integrally formed eyes in the central part of the plate to receive a pole therethrough, the side flanges of the body being formed each with a pair of spaced longitudinally extending parallel ribs, providing an inwardly rounded groove between said ribs, and the said side flanges inward of the ribs and in a line with the grooves being provided with apertures, a coil spring arranged adjacent to the front flange of the body and parallel therewith providing a gripping element for holding a mopping cloth against the front flange and said spring having its end convolutions formed with parallel arms received in the rounded grooves between the ribs and the ends of the said arms being bent toward each other and received through the apertures in the side flanges of the body plate.

In testimony whereof I affix my signature.

ROYAL SCHAMPEL.