

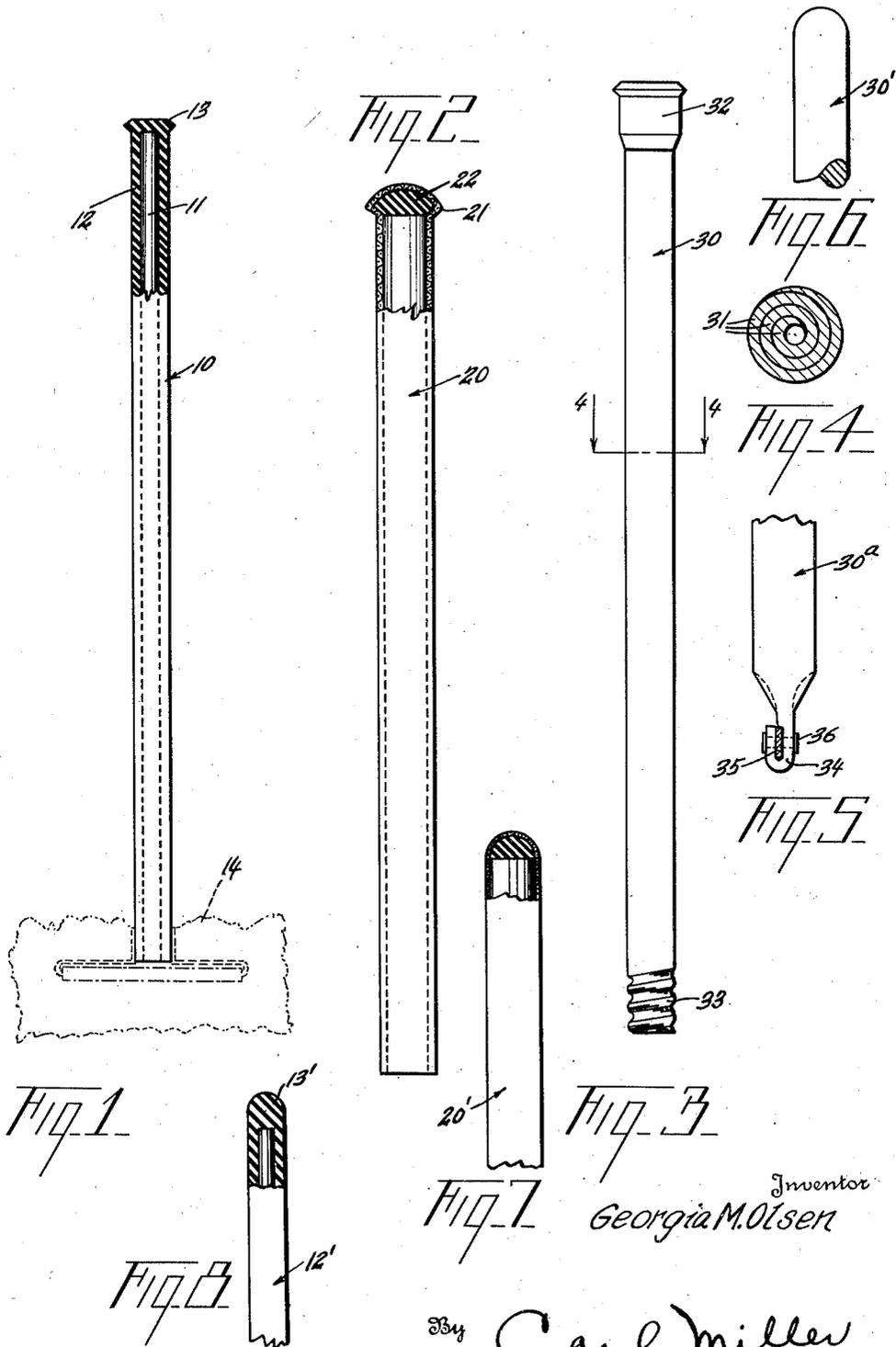
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CUSHIONED MOP HANDLE

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## CUSHIONED MOP HANDLE

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### 1 Claim. (Cl. 15—143)

This invention relates to handles for brooms, mops or similar domestic appliances and more particularly to a cushion covering for dust mop handles.

The principal object of this invention is to provide a mop handle that will have a resilient exterior surface, the purpose of which is to protect furniture, wood work and furnishings from scratches, mars and bruises such as normally would be caused by the impact or scraping of hard handles against the same. Such a resilient exterior surface is provided by forming the handle of a hard core with a surrounding layer of soft rubber composition or other resilient material bonded thereto, or providing a sheath of a resilient material to be slipped over a conventional handle or providing a handle formed of any suitable material that would be soft enough on its exterior surface for the purpose intended.

With the foregoing and other objects in view, the invention resides in the novel arrangement and combination of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiments of the invention herein disclosed may be made within the scope of what is claimed without departing from the spirit of the invention.

Certain practical embodiments of the invention are illustrated in the accompanying drawing, wherein:

Figure 1 is an elevational view partly in section of one form of mop handle;

Figure 2 is an elevational view partly in section of a resilient sheath for a mop handle;

Figure 3 is an elevational view of another form of mop handle;

Figure 4 is a cross sectional view taken on line 4—4 Figure 3;

Figure 5 shows a modified form of handle attaching means for the handle of Figure 3;

Figure 6 shows a modified form of handle of the type shown in Figure 3 without a knob;

Figure 7 shows a modified form of resilient sheath of the type shown in Figure 2 without a knob formation, and

Figure 8 shows a modified form of resilient mop handle of the type shown in Fig. 1 having a plain end.

Referring to the drawing, the cushion mop handle 10, see Figure 1 is made up of a rigid core 11 which may be solid or tubular metallic rod or a rod of any other suitable material. Surrounding the core 11 is a layer of soft rubber 12 or any other resilient material of any desired

thickness that uniformly surrounds the core from end to end thereof to provide a cylindrical handle of conventional diameter. At its upper end, the soft rubber layer 12 is enlarged to provide a cushion head or knob 13 which will function to prevent bruises caused by impact of end of handle in backward stroke, to prevent the handle from slipping when the same is laid against a wall and which furthermore will prevent the damaging of any object in the event that the handle of the mop falls as well as obviating the jarring noise that usually accompanies the falling of a conventional form of handle. Obviously the cushion head 13 can be made in any desired shape or size. The lower end of the cushion handle 10 is shown attached by one well known manner to a mop 14, indicated by dotted lines, although it is to be understood that any form of attaching or adjusting connection may be utilized, such forming no part of this invention.

Another manner of providing a cushion handle is shown in Figure 2. In this instance there is formed a sheath 20, preferably of rubberized fabric made in any desired manner and of a size that the same may be readily slipped over a conventional mop handle to completely cover the same. At its upper end the sheath 20 is made somewhat bulbous, of any desired shape or size, to define a cushion head 21, the interior of which is filled with a rubber body 22 the whole being bonded together in the manner well known. Preferably the sheath 20 should snugly fit the mop handle so as to obviate any tendency for the same to slip off of said handle. Obviously the sheath 20 may be made of any material that will provide a soft surrounding layer around the handle for the purpose intended.

In Figure 3 there is shown a mop handle 30 that is made up of a non-wood or non-metallic material to form a cushioned handle having the requisite stiffness necessary in a handle and at the same time provide an exterior surface soft enough to have the desired characteristics as above indicated. One such manner of effecting a handle of this character may be achieved by rolling a rubberized fabric 31 into the shape of a handle, see Figure 4, and vulcanizing the same so as to unite the layers of the fabric. In the manufacture of the handle 30, the same may be molded to provide at its upper end a cushion knob 32 and at its lower end a threaded portion 33 for attaching the handle 30 to a mop (not shown), in the manner well known. Obviously any other form of attaching means may be

utilized. For example, in Figure 5, the lower end of the handle 30a may be flattened as at 34 and folded over a mop attaching bar 35 to which said flattened end 34 may be secured as by the rivet 36.

The forming of a handle of the kind shown in Figure 3 is not to be limited to one made up of rubberized fabric. A similar type of handle can be made up by the molding of a suitable plastic having the characteristic of providing a soft exterior surface. Obviously many other methods of constructing such a handle may be developed, it being contemplated to so form a handle in any manner so that the exterior of mop handle will be soft enough to protect furniture and wood-work from scratches and mars to other injury caused by impact or contact with mop handle.

While in Figures 1, 2 and 3, the cushion head or knob, respectively indicated as at 13, 21 and 32 is utilized as an integral part of each of the respective cushion handle constructions, the same may be formed merely as an axial enlargement of the same diameter as the external diameter of the handle or sheath without presenting any external knob-like appearance. Thus, for example, the top of the sheath 12', Figure 8 may be thickened at the end thereof without diametral enlargement into a knob, to thereby form a pad 13'

only at the end of the handle and not on the sides thereof. In a like manner the same construction may be utilized in the sheath 20', Figure 7, and the cushion handle 30', Figure 6.

Obviously the use of the cushion pad construction at the ends of the handle may be dispensed with in some cases, and in any event the use thereof is entirely optional.

From the foregoing it will be apparent that there is produced a handle of the character described which possesses all of the features of advantage set forth as possible.

Having thus described my invention I claim as new, and desire to secure by Letters Patent:

A removable covering for the handle of a mop, broom or the like comprising a tubular sheath of resilient material, said sheath being of uniform diameter and of uniform thickness throughout to snugly fit said handle and of a length coextensive with the latter, the upper end of said sheath being closed and of a diameter greater than the diameter of the major portion of the sheath but of the same thickness as the latter forming a knob-like head, a rubber mass within said head completely filling the same and permanently united thereto.

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