S. L. TOPLITZ.

PROTECTIVE COVER FOR MOPS.

APPLICATION FILED APR. 1, 1921.

1,408,488.

Patented Mar. 7, 1922.

2 SHEETS—SHEET 1.

Fig. 1.

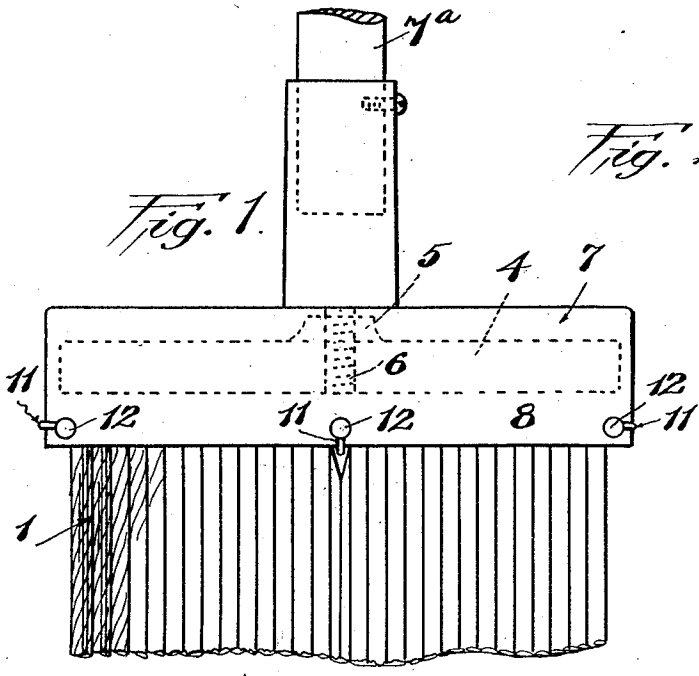
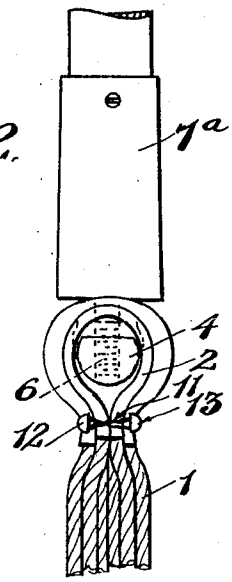



Fig. 2.



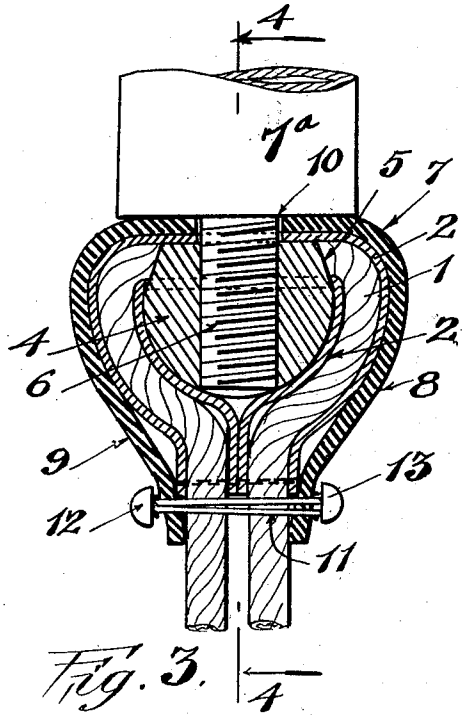




Fig. 3.

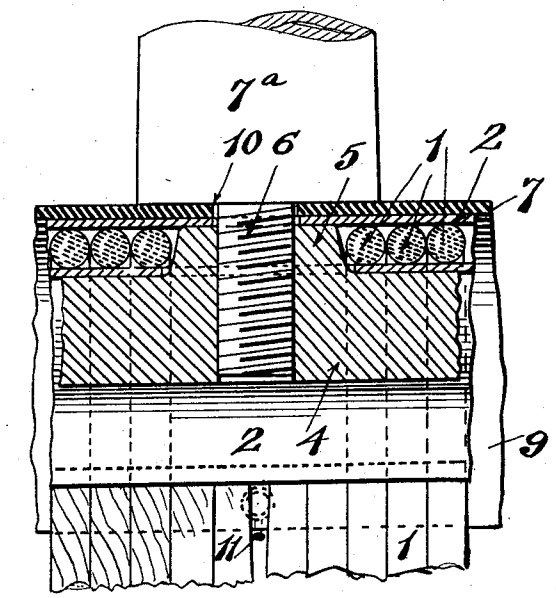



Fig. 4.

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2 SHEETS—SHEET 2.

Fig. 6.

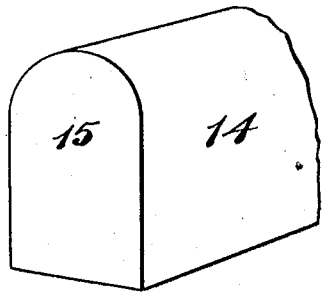



Fig. 5.

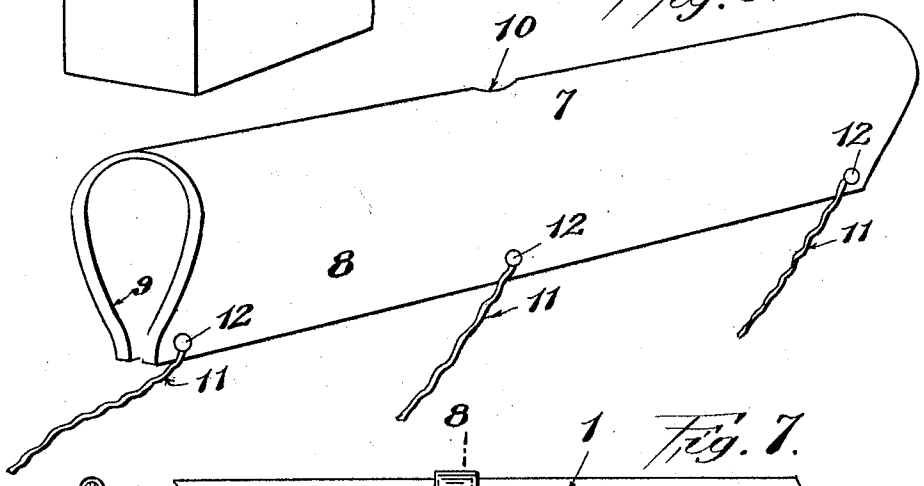



Fig. 8.

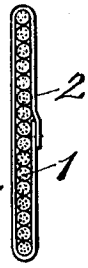



Fig. 7.

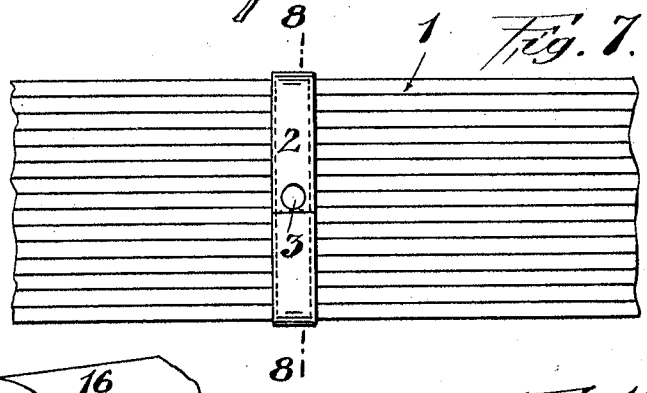



Fig. 9.

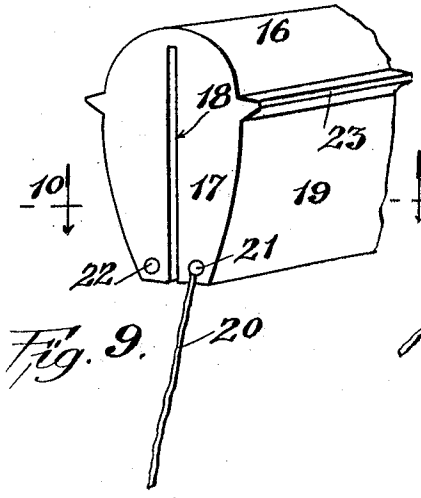
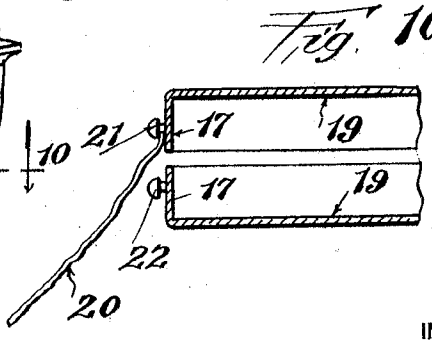



Fig. 10




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# UNITED STATES PATENT OFFICE.

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## PROTECTIVE COVER FOR MOPS.

1,408,488. Specification of Letters Patent. Patented Mar. 7, 1922.

Application filed April 1, 1921. Serial No. 457,689.

*To all whom it may concern:*

Be it known that I, SAMSON L. TOPLITZ, a citizen of the United States, and a resident of the city, county, and State of New York, have invented a certain new and useful Improvement in Protective Covers for Mops, of which the following is a specification.

The object of this invention is to provide a removable protective covering for floor mops which will be of such construction that it will protect those portions of the mop in which rapid wear is likely to occur, thereby enabling the mop to withstand rough usage and consequently increasing the life of the mop.

The protective cover forming my invention is preferably of a tough, pliable and resilient material and it is of such construction that it not only acts as a protective means for the mop but for the floors, walls, trim or furniture with which the mop is likely to be brought into contact with when in use.

A further object of this invention is to provide a protective mop cover which is provided with a projecting member adapted to be used on smooth surfaces as a squeegee.

With these objects and other objects which may hereinafter appear in view, I have devised the particular arrangement of parts hereinafter set forth and more particularly pointed out in the claims appended hereto.

Reference is to be had to the accompanying drawing, forming a part hereof in which—

Figure 1 is a front elevation of my improved mop cover showing the same applied to a mop.

Figure 2 is an end elevation of the same.

Figure 3 is a vertical sectional view of the upper end of a mop with the protective cover in place.

Figure 4 is a sectional view on the line 4—4 of Figure 3, looking in the direction of the arrows.

Figure 5 is a perspective view of my improved protective cover.

Figure 6 is a perspective view of a portion of a modified form of cover.

Figure 7 is a plan view of a form of mop used in conjunction with my improved cover.

Figure 8 is a sectional view on the line 8—8 of Figure 7 looking in the direction of the arrows.

Figure 9 is a perspective view of a modified form of cover having enclosed ends and provided with a squeegee portion, and

Figure 10 is a sectional view on the line 10—10 of Figure 9 looking in the direction of the arrows.

Throughout the various views of the drawings similar reference characters designate similar parts.

In Figures 7 and 8 is shown a form of mop adapted to be used in connection with my improved covering. This particular form provides a mop of strong construction and capable of withstanding abuse, although it will be understood that practically any well known form of floor mop may be used.

The mop consists of a plurality of strips of yarn or other mop material 1, which are held together by a reinforcing band 2 extending completely around the bundle of mop material and this band is preferably provided with a central aperture or opening 3 for a purpose to be hereinafter set forth.

To produce the mop, the bundle of mop material is transversely folded on the central line of the reinforcing band 2. In Figures 1 to 4 inclusive is shown a form of a mop holder which consists of a bar 4 which lies between the fold of the mop and which is provided with a threaded boss 5 in which is received a threaded stem 6 secured to the handle $7^a$. The threaded stem 6 on the handle is adapted to project through the aperture 3 in the mop whereby the mop is clamped between the bar 4 and the handle as disclosed. It is understood that the portion of the mop most subjected to wear is situated adjacent its upper end and a protective covering for this portion is therefor provided.

One form of cover is shown at 7 which is in the nature of an elongated channel-shaped strip which may be made of any pliable resilient and flexible material such as rubber, leather or the like. If the device is of rubber, it is preferable to reinforce the same with fabric.

The strip 7 is provided with two opposing sides or jaws 8 and 9 and is also provided with a central aperture 10 which registers with the aperture 3 in the mop whereby the threaded stem 6 on the handle $7^a$ can pass through the two apertures 3 and 10 and engage with the bar 4. The cover 7 is thus held over the end of the mop and clamped between the handle $7^a$ and the bar 4 as above

mentioned. To secure the cover in place, suitable fastening means may be provided which consist of strings 11 secured to pins 12 on one of the sides of the cover 8, which strings are adapted to engage with pins 13 similar in all respects to the pins 12. As many of these fastening strings may be provided as may be necessary and the tying strings 11 may if desired readily pass between the strands of mop material as disclosed in Figure 1. It will be understood that in place of these tying strings 11, any other desired form of detachable fastening means may be provided.

In Figure 6, a modified form of protective covering is disclosed in which a trough shaped cover 14 is provided which fits over the upper end of the mop and is clamped between the mop handle $7^a$ and the bar 4 in a manner similar to the covering 7. The cover 14 is however provided with enclosed ends 15 thereby properly confining the ends of the mop.

An additional modified form of construction is disclosed in Figures 9 and 10 showing a form of covering 16 which is provided with closed ends 17, each of the ends being slit as at 18 to provide a pair of distensible sides 19. The two sides may be spread apart to enable the upper end of the mop to be placed in position and a tying string 20 is secured to a pin 21 and engaged with a similar pin 22 to draw the two sides 19 together and hold the cover over the end of the mop.

At 23 is shown a longitudinally extending rib on the cover which is positioned on one or both of the side portions 19. This rib enables the mop to be used as a squeegee on all smooth surfaces. It will be seen that in using the protective covering, the upper portion of the mop in which wear is likely to occur is completely protected by the tough material forming the cover enabling the life of the mop to be greatly increased. The cover can be readily removed and fitted to a new mop at any time.

From the foregoing it is obvious that my invention is not to be restricted to the exact embodiment shown but is broad enough to cover all structures coming within the scope of the annexed claims.

What I claim is:

1. An article of the class described comprising a mop, a mop holder, a protective member comprising a strip of soft pliable material adapted to be held between said mop and its holder, said strip being folded upon itself to form a pair of flexible side members, and means connecting said side members and adapted to draw the same together.

2. An article of the class described comprising a soft channel shaped protective strip extending over the upper end of a mop and following the contour thereof, and means for detachably securing together the two sides of the strip with the upper end of the mop between them.

3. An article of the class described comprising a cover for the upper end of a mop consisting of a channel-shaped strip of a soft flexible material having its sides adapted to embrace the mop between them, and flexibly connecting means extending between the mop strands and connecting the longitudinal edges of the sides of the cover to draw the same towards one another.

4. An article of the class described comprising a protective cover for mops formed from a strip of soft flexible material adapted to fit over the upper end of the mop, said cover having an aperture through which a portion of the mop holder is adapted to extend and having a pair of distensible sides and means for engaging said sides at their lower edges to draw the same together.

5. An article of the class described comprising a soft, flexible strip adapted to embrace the upper end of a mop, means for connecting portions of said strip to hold the same in position on the mop, said strip having a central opening on its longitudinal center line through which a part of the mop holder engages the mop.

Signed at the city, county and State of New York this 15th day of March, 1921.

SAMSON L. TOPLITZ.