April 2, 1929. J. GLOVER 1,707,608

DUSTER CONSTRUCTION

Filed March 20, 1924

Fig. 1

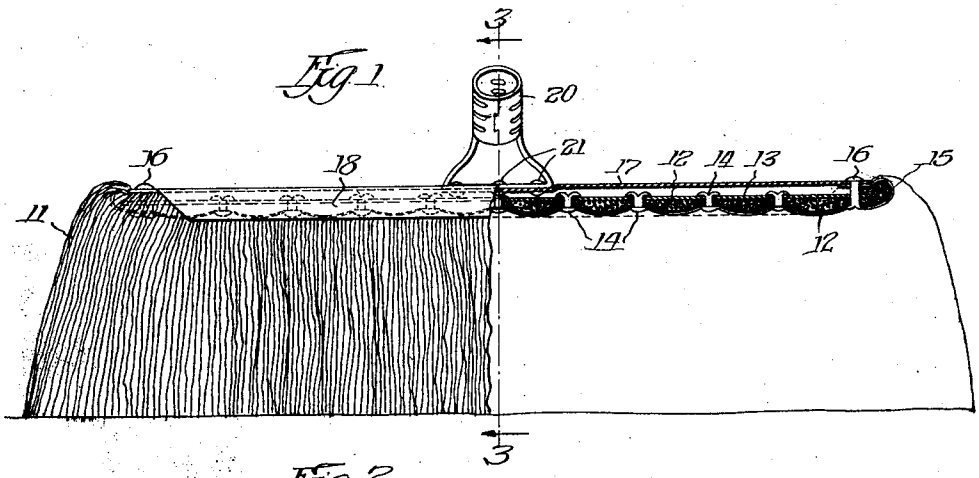


Fig. 2

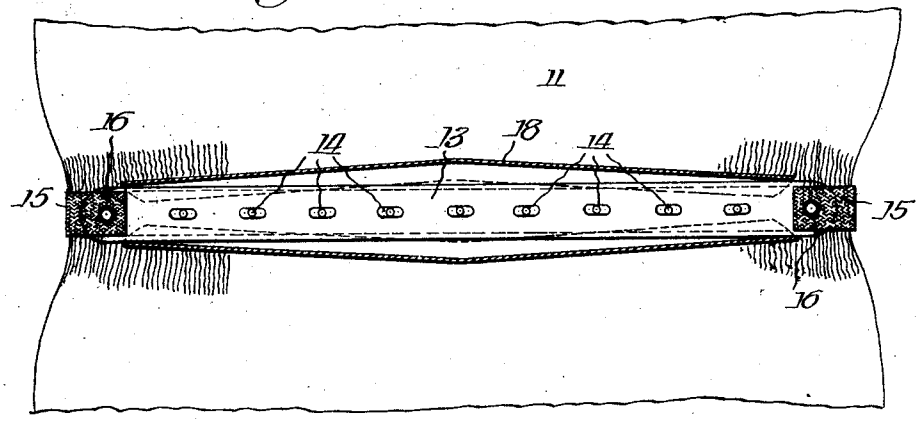


Fig. 4

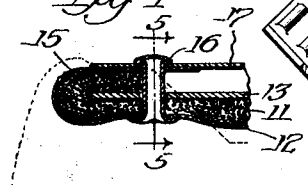


Fig. 3

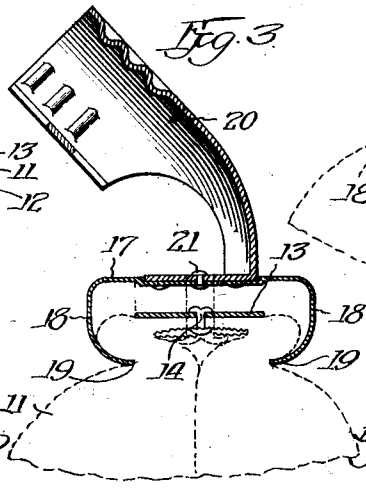
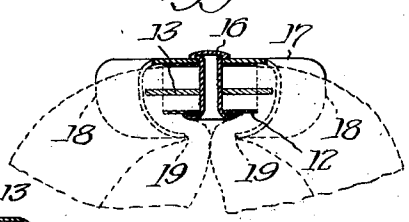


Fig. 5.



Witness:

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UNITED STATES PATENT OFFICE.

JOHN GLOVER, OF CHICAGO, ILLINOIS.

DUSTER CONSTRUCTION.

Application filed March 20, 1924. Serial No. 700,526.

This invention relates to a new and improved duster construction and more specifically to a duster particularly adapted for manufacture from sheet metal.

Dusters or mops of types having elongated heads as now generally constructed, have the heads formed of wood. These heads are not durable as they are liable to break or chip and to wear out in use. Also they become unsightly in use due to this wear. Another objection to dusters now used and manufactured, lies in the fact that the ends of the head body are not protected by the soft material of the mop and are likely to damage walls or furniture with which they may accidentally be brought in contact in use.

It is an object of the present invention to provide a duster head construction which is particularly adapted to be constructed of sheet metal and to securely retain the mop head in place therein.

It is a further object to provide a mop of this character in which the mop pad extends beyond and protects the ends of the mop housing.

It is an additional object to provide a construction which is composed of but few parts adapted for easy assembly and rapid commercial production.

Other and further objects will appear as the description proceeds.

I have illustrated a preferred embodiment of my invention in the accompanying drawings, in which—

Figure 1 is an elevation of the mop partly in section in order to show the construction;

Figure 2 is a plan view of the mop with the upper portion of the housing removed.

Figure 3 is a vertical section taken on line 3—3 of Figure 1;

Figure 4 is an enlarged sectional detail showing the end construction; and

Figure 5 is a section taken on line 5—5 of Figure 4.

The mop, as shown, comprises the mop pad 11 formed of yarn or similar material, which is sewed or otherwise suitably secured to the fabric strip 12 which is preferably formed of canvas, drill, or duck. This strip 12 and consequently the mop pad 11 are secured to the pad carrying strip 13 by means of the plurality of rivets 14. The ends 15 of the pad extend beyond the ends of the strip 13 and overlie the end.

As the best shown in Figure 4, the rivets 16 pass through the end of the housing 17 and also through the strip 13, pad 11 and fabric strip 12 and secure all these parts together at the ends of the mop. The ends 15 of the mop pad are secured by the strip 13 and the housing 17. As best shown in Figures 3 and 5, the housing 17 is provided with a depending side 18 and the inturned edges 19 which underlie the strip 13 and the latter is maintained within the housing which also grips the pad. Displacement of the pad is thus prevented, not only by the means securing it to the pad strip, but also by the inturned edges of the housing. The handle securing member 20 is fastened to the upper face of the housing 17 by means of the rivet 21.

The mop may be readily assembled by first securing the pad to the pad strip and then inserting it within the housing. The introduction of the two rivets 16 then secures the pad and strip positively within the housing and maintains the parts in fixed relation. The fact that the ends of the pad extend beyond the ends of the housing, is important in that it prevents damage to articles with which the ends of the duster may come in contact in use.

I have illustrated one preferred embodiment of my invention by way of example only, but it is to be understood that I contemplate such changes as come within the spirit and scope of the appended claims.

I claim:

1. A duster construction comprising a member, a duster pad carried thereby and an open ended channelled member housing the pad carrying member, the pad extending through the open side of the channelled member and extending longitudinally beyond the end of the channelled member.

2. A duster construction comprising a member, a duster pad secured thereto and extending over the ends of the member, an open ended channelled member housing the pad carrying member, the pad extending longitudinally beyond the end of the channelled member.

3. A duster construction comprising a strip, a pad secured thereto and extending the length of the strip, a metal housing for said strip having edges enclosing and underlying the edges of the strip, means securing the strip to the housing, and means for securing a handle to said housing.

4. A duster construction comprising a strip, a pad secured thereto, a metal housing

for said strip having edges enclosing and underlying the edges of the strip, securing members passing through the strip and pad for securing them to the housing, and means for securing a handle to said housing.

5. A duster construction comprising a strip, a pad secured thereto, a metal member housing said strip, and ends of the pad overlying the ends of the strip, and members securing the ends of the pad between the strip and housing.

6. An elongated duster construction comprising a metal strip, a duster pad riveted to the under side of the strip and having ends extending around and above the end of the strip, and a metallic housing for the strip and adjacent portions of the pad, the housing having inturned edges underlying the strip and gripping the duster pad.

7. An elongated duster construction comprising a metal strip, a duster pad riveted to the under side of the strip and having ends extending around and above the end of the strip, a metallic housing for the strip and adjacent portions of the pad, the housing having inturned edges underlying the strip and gripping the duster pad, the end of the pad being located between the strip and housing and rivets passing through the ends of strip, pad and housing to secure them together.

8. An elongated duster construction comprising a metal strip, a duster pad riveted to the under side of the strip and having ends extending around and above the end of the strip, a metallic housing for the strip and adjacent portions of the pad, the housing having inturned edges underlying the strip and gripping the duster pad, the end of the pad being located between the strip and housing and rivets passing through the ends of strip, pad and housing to secure them together, the ends of the pad extending beyond the ends of the housing.

Signed at Chicago, Illinois, this 15th day of March, 1924.

JOHN GLOVER.