Sept. 22, 1931. E. F. SHIPMAN 1,824,508

BAG

Filed Oct. 29, 1927

FIG. 2

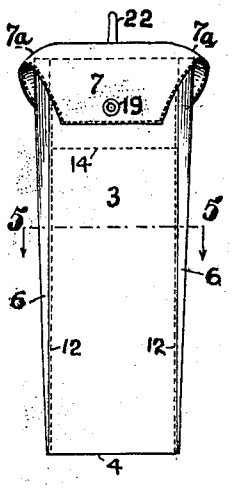


FIG. 3

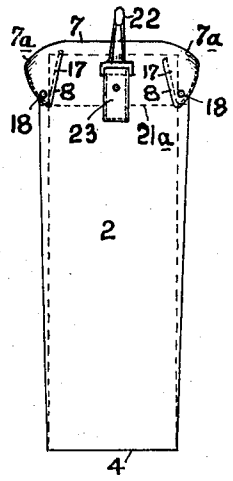
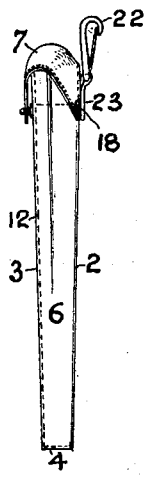


FIG. 4



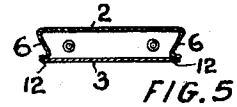


FIG. 5

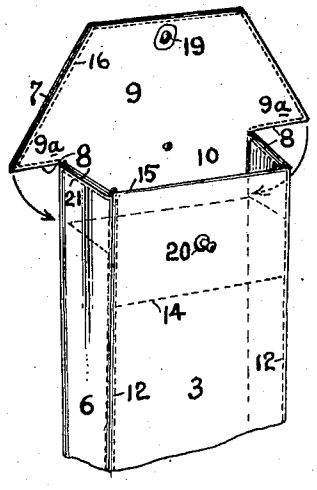


FIG. 6

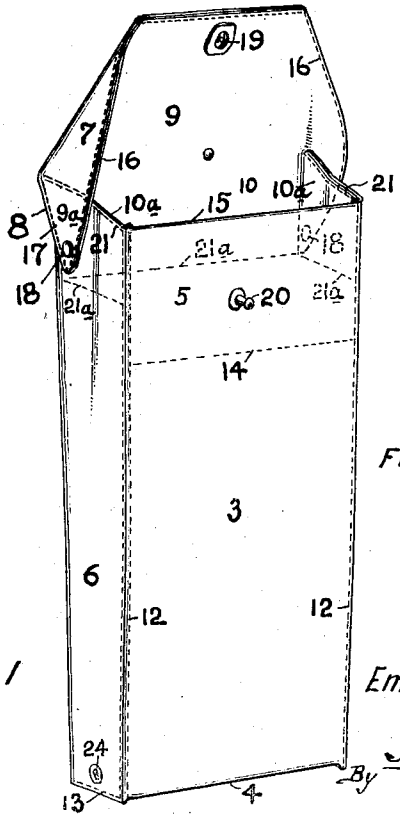


FIG. 1

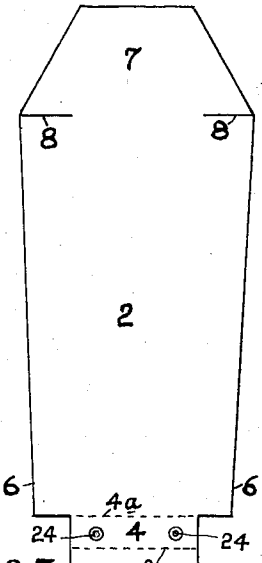
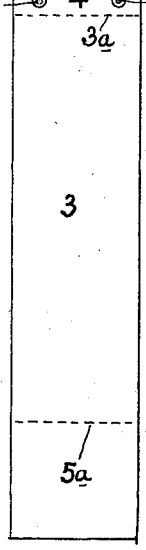


FIG. 7



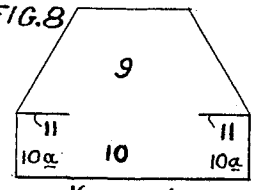


FIG. 8

Inventor.
Emanuel F. Shipman.
By
Attorney.

Patented Sept. 22, 1931 1,824,508

UNITED STATES PATENT OFFICE

EMANUEL F. SHIPMAN, OF PHILADELPHIA, PENNSYLVANIA

BAG

Application filed October 29, 1927. Serial No. 229,546.

My invention has for its object the making of an elongated bag, more especially adapted for use by electric linemen and for receiving and protecting insulating gloves, tools, etc., whereby they are kept dry during inclement weather, and which bag is preferably provided with means for suspension from the belt of the lineman or other user.

More particularly, my invention comprehends the construction of a soft bag of canvas or other suitable material so constructed that it is provided with an extending flap or cover portion which, when closed and sealed, provides a hood or canopy in which not only the front or free portion of the said hood or canopy overlaps the front of the bag body, but the lateral portions of the hood or canopy extend downward over the sides of the bag body forming more or less inclined surfaces which positively shed rain, thereby retaining the interior of the bag dry when in use and exposed to stormy weather.

My object is further to form the bag in as few pieces of fabric as possible, and with this end in view, I form the body, sides, bottom and cover flap of one piece adapted to be folded and united by stitching to form a deep pocket preferably wider at the top than at the bottom, and in cases for rough usage, I further provide a reinforcing portion for the upper part of the body and the cover flap, whereby those portions are made two-ply and hence more durable and capable of retaining the canopy shape when folded down into sealing position.

As a further object in securing the canopy form of cover flap for the bag, I cause the lateral portions of the cover flap to be extended beyond the integral union of said flap and the body portion of the bag, and cause said extensions to be bent downward and secured to the body at a distance below the upper opening therein so that the sides of the flap are caused to curve outward and downward over the upper edges of the side portions of the body.

With these and other objects in view, the nature of which will be more fully understood from the description hereinafter, the invention consists in the novel construction of a bag, as hereinafter more fully described and defined in the claims.

Referring to the drawings: Fig. 1 is a perspective view of a bag embodying my improvements; Fig. 2 is a front view of the same; Fig. 3 is a back view of the same; Fig. 4 is a side view of the same; Fig. 5 is a transverse section of the bag, taken on line 5—5 of Fig. 2; Fig. 6 is a perspective view of the upper portion of the bag in the process of making and before the side portions of the flap are secured in place upon the body; Fig. 7 is a plan view of the fabric sheet from which the bag structure is formed; and Fig. 8 is a plan view of a fabric piece for reinforcing the cover flap and upper portion of the body.

Referring to Fig. 7, it will be seen that the strip of fabric from which the bag is made comprises the wider portion 2 and a narrower portion 3 extending below the portion 2, said part 2 being further provided at its upper portion with an extended part 7 partly severed from said part 2 by inwardly directed lateral slits or incisions 8, 8.

The body part 2 is preferably somewhat tapered, being narrower at its bottom end adjacent to the portion 3 and wider at its upper end adjacent to the extended part 7. It will further be seen that the side portions 6, 6, of the body portion 2, extend laterally beyond the narrow strip 3 to form off-sets. In utilizing this fabric sheet, the same is folded on the parallel dotted lines 4*a* and 3*a*, forming the bottom portion 4 of the body. Furthermore, the strip 3 is folded on a transverse line 5*a* at a distance from its lower end to form a two-ply portion adjacent to the upper or open end of the bag, the said portion, 5, being stitched to the body portion 3 at 14 (Fig. 1). Furthermore, the side edges of the portion 3 are stitched to the side edges 6, 6, of the part 2, as shown at 12 in Fig. 1. Also, the bottom portion 4 has its side edges united to the bottom of the side portions 6, as indicated by the stitching 13 in Fig. 1. When the parts are so united, it will be seen that there is an elongated rectangular pocket construction, closed at the bottom and open at the top, and

having the extended cover flap portion 7 continued above the body portion, as will be understood by reference to Figs. 1 and 6.

As before stated, the upper portion of the body and the cover flap are desirably reinforced by use of the fabric portion shown in Fig. 8. This reinforcing fabric is stitched to the upper part of the body portion 2 and the flap portion 7, whereby the part 9 reinforces the part 7, the part 10 reinforces the back portion of the body part, and the side portions 10*a* reinforce the side portions 6, 6, of the body part. Furthermore, the slits 11, 11, in Fig. 8, coincide with the slits or incisions 8, 8, in Fig. 7. This reinforcing part, shown in Fig. 8, is stitched to the cover flap 7 as indicated at 16 and, moreover, is stitched to the body part and back along the dotted lines 21 and 21*a*, thereby making the body two-ply entirely around its opening and throughout the body flap portion.

Considering the construction of the body and flap as shown in Fig. 6, the lateral extending portions 9*a* are turned downward, as indicated by the arrows, and brought into contact with the sides 6, 6, of the body, and are fastened thereto by rivets 18 extending through the pointed tabs or extended portions 9*a* and also the side portions of the body, and preferably further uniting the edge 8 of said tongues or extensions to the body portion by lines of stitches 17, as shown in Fig. 1. In this manner, the cover flap has its side portions brought down and over the side parts of the body, and providing a construction which, when the cover flap is closed fully down as in Fig. 2, the side or lateral portions 7*a* thereof form downwardly curved and overlapping parts to constitute a canopy which will effectively seal the opening of the bag and shed all rain, so that it cannot enter the same.

The cover flap is provided with means for securing it in closed position and, as shown, I prefer a snap connection such as a button fastener comprising the headed stud 20 secured to the front of the body and a socket 19 secured to the free end of the flap and into which the stud is forced when sealing of the bag is required, (Fig. 4).

By reason of the front being somewhat less in width than the back, the cover flap 7 more readily covers the opening to the bag, notwithstanding that the said cover tapers toward its front or free end. By having the body tapering, so as to be largest at the top or open end, the insulating gloves or other articles to be placed within the bag are easily inserted or removed, and to this end I prefer that the taper shall be present in width as well as in a front to back direction.

For purposes of ventilation, I provide at or near the bottom of the bag or container one or more eyelet holes such as would be provided by attaching gromets, as indicated at 24. In Fig. 7, these ventilating apertures are shown as formed in the portion 4 of the strip, whereas, if desired, they may be provided in or near the bottom of the side portions 6, 6, as shown in Fig. 1. These ventilating apertures facilitate the drying of the contents of the bag.

As this bag is to be detachably suspended to the garments of the lineman or other person using the bag or container, I provide at its back and near the top a snap hook 22 of any suitable construction and secured to the bag by a textile loop of webbing material 23. By attaching the suspension hood well up near the top of the bag, the upper or sealed end of the bag is enabled to keep its shape and function properly.

While the main body portion is of single-ply fabric, the upper portion of the body adjacent to its open end is two-ply as is also the cover flap, and hence provides great strength where the most severe usage occurs.

The folding of the portion 3, (Fig. 7), along the line 5*a* to form the two-ply front 5 adjacent to the open end of the bag, provides a folded edge 15 whereas the side portions of the opening formed by the sides 6 and the reinforceing portions 10*a* provide a stitched edge and, moreover, give to the sides a stiffer structure than at the front and hence insures a ready entrance to the bag space when the flap is raised.

It will now be apparent that I have devised a novel and useful construction which embodies the features of advantage enumerated as desirable, and while I have in the present instance shown and described the preferred embodiment thereof which has been found in practice to give satisfactory and reliable results, it is to be understood that I do not restrict myself to the details, as the same are susceptible of modification in various particulars without departing from the spirit or scope of the invention.

Having now described my invention, what I claim and desire to secure by Letters Patent is:

1. In a bag structure, a body portion open at the top and provided with a cover flap formed as an integral extension of its rear part and providing a front portion adapted to be folded over the opening to the bag and downward upon the front part thereof, said flap having laterally extensions severed from the side portions of the body at its top and folded downward and permanently secured to the side portions of the bag body adjacent to the back portion and below the open top thereof, to provide the flap with side portions which extend over and below the upper side portions of the bag, whereby when the cover flap is folded over the front into closed position, the lateral portions of said cover flap are caused to curve over the side portions of the bag body to form an

overhanging canopy to shield the bag opening from the entrance of rain, and wherein further, detachable connecting means are provided for normally attaching the cover flap to the front of the bag body, whereby said flap is not only continuous with the back but also has connections with the sides and front of the body below the open end thereof and said side connections of the cover flap approximately on the level of the detachable connection thereof with the front of the body.

2. In a bag structure, a body formed from a strip of fabric having one portion thereof wider than the width of the back to provide integral side portions to the body and having the narrower portion integrally connected with the wider or back portion and folded upward to form the bottom and front of the bag, and said parts secured to the side portions by stitching, the wider or back portion also having an extension forming a cover flap partly severed by inwardly directed side cuts, the lateral side portions of the flap so formed bent downward and secured in place to the sides of the body immediately adjacent to the back portion.

3. The invention according to claim 2, wherein further, the wider portion of the strip is made tapering with the wider end adjacent to the extension forming the cover flap, whereby the finished bag is tapered in cross section from the top or open portion downwardly to the closed bottom.

4. The invention according to claim 2, wherein further, the narrower portion of the fabric strip has its end folded upon itself and into the body space and the cover flap is reinforced with a fabric lining having inwardly arranged side cuts, the portion on one side of the side cuts sewn to the cover flap to make it multi-ply and the portion on the other side of the side cuts arranged to form a lining for the back and sides of the body adjacent to the open end of the bag, and a detachable snap fastener one portion of which is secured to the multiple ply cover flap and the other portion secured to the two-ply front part.

In testimony of which invention, I hereunto set my hand.

EMANUEL F. SHIPMAN.