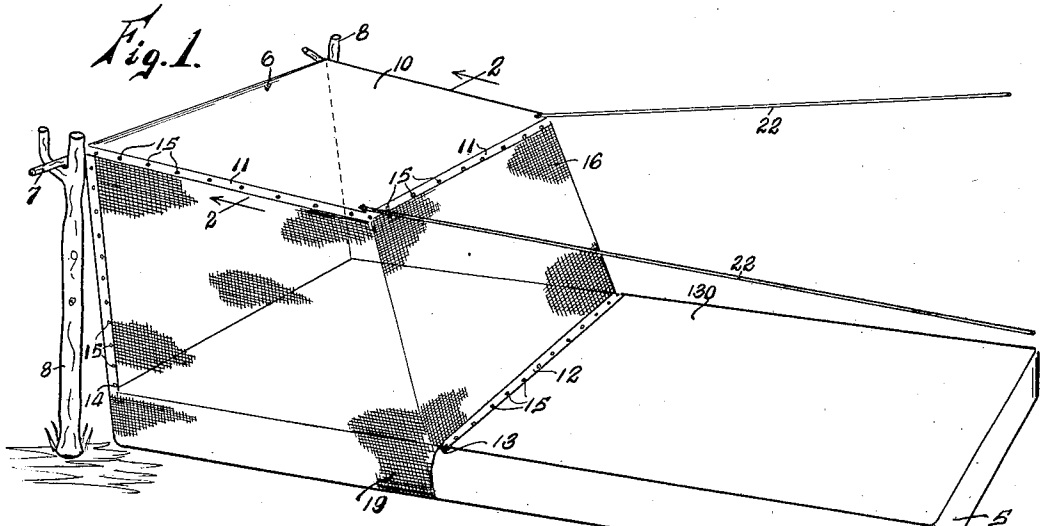
Sept. 24, 1935. F. L. BROWN 2,015,588

SLEEPING BAG

Filed Aug. 29, 1934

Fig. 1.



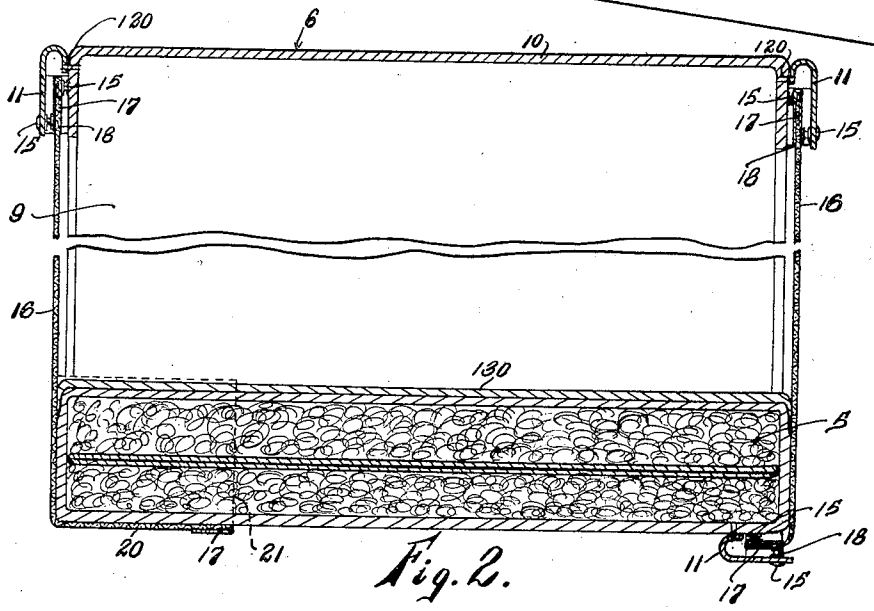


Fig. 2.

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SLEEPING BAG

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7 Claims. (Cl. 5—343)

This invention relates to a sleeping bag particularly adapted for outdoor use and for that purpose provided with a canopy having mosquito netting and attachment means therefor associated therewith for forming an insect-proof enclosure at one end of the bag body.

An object of the invention is to provide a unit of the kind described which may be readily disposed in operative relationship and taken apart and rolled up into compact form for transportation.

Another object is to provide such a unit having a novel form of attachment means for the mosquito netting whereby interstices along the lines of attachment between the netting and the parts of the bag and canopy are obviated.

Another object is to provide a unit of the kind described adapted for simple and efficient manufacture.

These and other objects are attained by the means described herein and illustrated in the accompanying drawing, in which:

Fig. 1 is a perspective view of the unit of this invention set up in operative position.

Fig. 2 is a cross-sectional view as taken on line 2—2 of Fig. 1 and showing the parts in conventional enlarged form for the sake of clarity, parts being broken away.

The unit of this invention comprises a bag body 5 adapted to receive the body of a person and provided at one end, that is the upper end, with suitable openable portions for entry into the bag, these portions not being shown herein since they are readily understood and may be of any suitable form.

At the upper end of the body 5 an elongated fabric sheet member forming a canopy 6 is provided. The bag body 5 is adapted to be disposed flat in the usual way and the canopy 6 is adapted to be carried upwardly and across a suitable horizontal supporting bar 7 held by suitable vertical members such as a pair of sapling trunks 8 selected for this purpose. In this position the canopy member provides a rear section 9 and a cover section 10 disposed above the body 5, the front corners of the cover section 10 being engaged by suitable guy ropes 22 which retain the canopy in position.

The edges of the canopy, that is, of both the rear and cover sections 9 and 10, have secured along the edge portions thereof the flexible stripping 11. This stripping is preferably attached along one longitudinal edge to the upper surface of the canopy as at 120 so as to be disposed in overlying relationship with the surface of the canopy.

Similar stripping 12 is similarly attached transversely of the outer cover 130 of the bag body 5 and along a contiguous lateral portion of said body. This lateral body strip, as seen in the lower right-hand corner of Fig. 2, may be attached to the undersurface of the bag at the edge thereof and continues along the body to the upper end thereof where it connects with the similar stripping 11 provided along the adjacent edge of the rear section 9 of the canopy. It will be seen in Fig. 1 that the transverse body stripping 12 and the canopy stripping 11 terminate at the top edge of one side of said body, as indicated at 13 and 14 respectively.

On the inner face of all the stripping above described and on the underlying supporting surfaces to which the stripping is attached, suitable closure means, such as the snap fasteners 15, may be secured.

For forming the insect-proof enclosure, there is provided mosquito netting 16 cut to such dimensions as to stretch across the spaces between the operatively positioned canopy and the bag body. The edges of the mosquito netting are provided with suitable binding 17 and to this binding are secured snap fastening means 18 which cooperate with the similar members provided on the stripping 11 and 12 and the associated supporting surfaces. It will be seen in Fig. 2 that the snap fastening members are preferably disposed in staggered relationship, since thereby a more effective closure of possible interstices between the binding 17 and the members to which it is secured, is attained.

On the side of the bag body 5 opposite said contiguous lateral portion to which the netting 16 is removably secured, the netting is formed to provide an entry flap 19 which extends below the adjacent side section of the netting and which flap 19, after a person has entered the bag with his head and upper portions disposed within the closure formed as herein described, may be tucked beneath the bag as seen at 20 in Fig. 2, for completely closing up the insect-proof enclosure. The flap 19, at the upper end thereof, may be provided with an extension 21 which embraces the upper corner portion of the bag. It will be seen, that due to the termination of the stripping at 13 and 14, the flap may be readily lifted for entry of the person into the bag.

It will be readily understood that the attachment portions and all the associated parts of the

unit have been illustrated in exaggerated form in Fig. 2, for the sake of clarity and that, in reality, these various parts lie flat and in closely fitting relationship with one another.

It will be apparent that the unit thus provided is an effective protection against insects since all possible apertures and interstices have been obviated by the novel cooperating attachment means of this invention. Other suitable fastening means, such as buttons or so-called "zipper" fasteners may be utilized in place of the snap fasteners herein disclosed. It is further obvious that the particular shape and disposition of the bag and its canopy may be varied and that the insect-proof enclosure means of this invention could be equally well utilized therewith. Such and similar modifications, however, are believed to be comprised within the spirit and scope of the present invention.

What is claimed is:

1. In a sleeping bag, the combination of a bag body, a canopy attached at one end of the body and comprising a rear section adapted to be supported substantially upright and a cover section adapted to be supported substantially horizontally above the body, flexible stripping attached to the canopy at the edges thereof, similar stripping attached transversely of the upper surface and along a contiguous lateral portion of said body, mosquito netting, cooperating closure means on all said stripping and on edge portions of the netting whereby the latter may be associated with the canopy and body for forming therewith an enclosure for the associated end of the body, and an extension of the netting forming an entry flap to said enclosure at the side of said body opposite said contiguous lateral portion thereof, said flap being adapted to be tucked beneath the bag body for completely closing said enclosure.

2. In a sleeping bag, the combination of a bag body, a canopy attached at one end of the body and comprising a rear section adapted to be supported substantially upright and a cover section adapted to be supported above the body, flexible stripping attached along a longitudinal edge thereof to the edge portions of the canopy, similar stripping similarly attached transversely of the upper surface of and along a contiguous lateral portion of said body, mosquito netting, closure means on the under surface of said stripping and on the underlying supporting surfaces, and cooperating closure means at the edges of the netting whereby the later may be associated with the canopy and body for forming therewith an insect-excluding enclosure for the associated end of the body.

3. In a sleeping bag, the combination of a bag body, a canopy attached at one end of the body and comprising a rear section adapted to be supported substantially upright and a cover section adapted to be supported above the body, flexible stripping attached along a longitudinal edge thereof to the edge portions of the canopy, similar stripping similarly attached transversely of the upper surface of and along a contiguous lateral portion of said body, mosquito netting, closure means on the under surface of said stripping and on the underlying supporting surfaces, cooperating closure means at the edges of the netting whereby the latter may be associated with the canopy and body for forming therewith an insect-excluding enclosure for the associated end of the body, and an extension of the netting forming an entry flap to said enclosure at the side of said body opposite said contiguous lateral portion thereof, said flap being adapted to be tucked beneath the bag body for completely closing said enclosure.

4. In a sleeping bag, the combination of a bag body, a canopy associated with the upper end of the body, flexible stripping attached to the edge portions of the canopy, similar stripping attached transversely of the upper surface and laterally of the bag body, mosquito netting, closure means on the under surface of said stripping and on the surfaces underlying the stripping, and cooperating closure means at the edges of the netting whereby the latter may be associated with the canopy and body for forming therewith an insect-proof enclosure for the upper portions of a user's body.

5. In a sleeping bag, the combination of a bag body, a canopy associated with the upper end of the body, flexible stripping attached to the edge portions of the canopy, similar stripping similarly attached transversely of the upper surface of and along a contiguous lateral portion of said body, mosquito netting, closure means on the under surface of said stripping and on the underlying supporting surfaces, cooperating closure means at the edges of the netting whereby the latter may be associated with the canopy and body for forming therewith an insect-proof enclosure, and an extension of the netting forming an entry flap to said enclosure on the side of said body opposite said contiguous lateral portion thereof, said flap being adapted to be tucked beneath the bag body for completely closing said enlosure.

6. In a sleeping bag, the combination of a bag body, a canopy attached to one end of the body, mosquito netting attached to the edge portions of the canopy, flexible stripping attached by a longitudinal edge thereof across the upper surface and laterally of the bag body, closure means on the under-surface of the free portion of said stripping and on the underlying supporting surface of the bag body and cooperating closure means on the unattached edges of the netting whereby the latter may be associated with the bag body for forming an insect-excluding enclosure.

7. In a sleeping bag the combination of a bag body, a canopy attached at one end of the body, mosquito netting attached transversely of the upper surface and laterally of the bag body, flexible stripping attached by a longitudinal edge thereof to the edge portions of the canopy, closure means on the free portions of said stripping and on the underlying portions of the canopy surface, and cooperating closure means on the unattached edge portions of the mosquito netting whereby an insect proof enclosure may be formed in association with the adjacent end of the bag body.

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