

G. W. GAIL, JR.

SLEEPING BAG.

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1,039,509.

Patented Sept. 24, 1912.

Fig. 1.

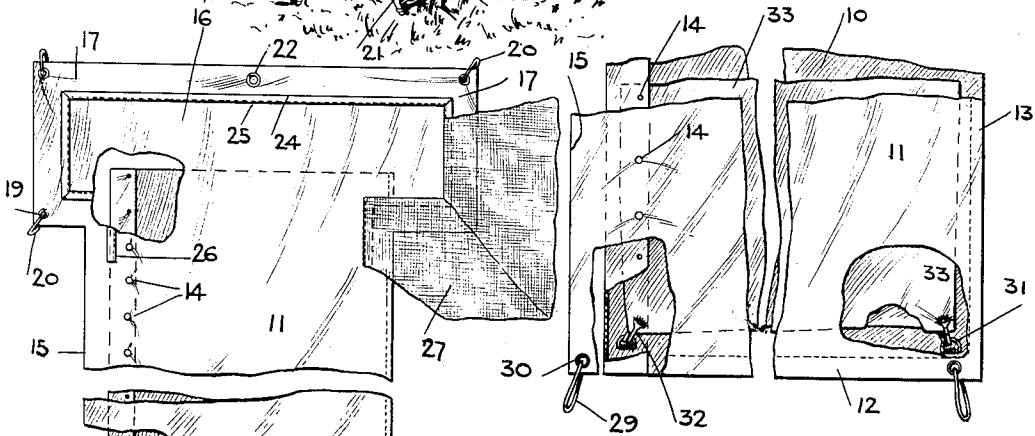
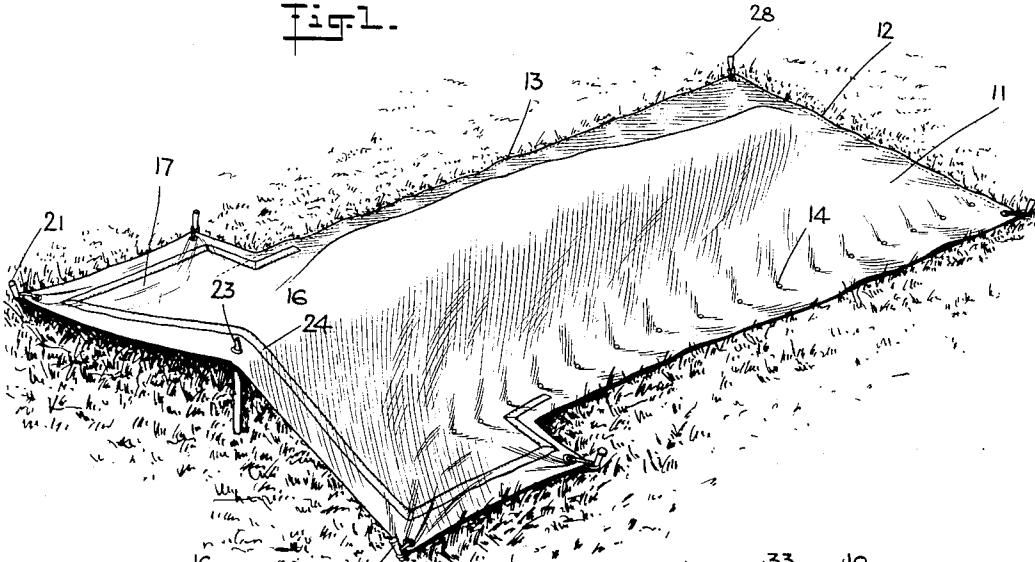


Fig. 2.

Fig. 3.

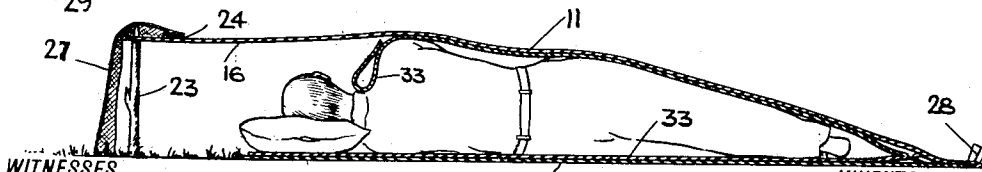


Fig. 4.

WITNESSES

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SLEEPING-BAG.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE W. GAIL, JR., a citizen of the United States, and a resident of Baltimore, State of Maryland, have invented a new and Improved Sleeping-Bag, of which the following is a full, clear, and exact description.

The object of my invention is to provide an absolutely waterproof sleeping bag designed particularly for out of door use, as by campers.

A further object of my invention is to provide particularly for preventing the entrance of water at the head of the bag.

A further object is to provide a bag in which, while effectively excluding water from the head of the bag, provision will be made for proper ventilation.

The invention also has for its objects to improve the bag in various particulars, to the end that the occupant may enter therein conveniently, and whereby blankets may be held in proper position within the bag, and whereby also, a mosquito netting may be conveniently attached at the head portion in a way to perfectly exclude insects.

The invention will be particularly explained in the specific description hereinafter to be given.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of a sleeping bag embodying my invention, showing the same staked to the ground and in the position as in use; Fig. 2 is a plan view with parts broken away, and showing a portion of a mosquito netting applied to the bag; Fig. 3 is a fragmentary plan view of the foot end of the bag, with parts broken out; and Fig. 4 is a longitudinal section of the bag, indicating an occupant therein.

In forming a sleeping bag in accordance with my invention, a bottom 10 is provided of suitable fabric, and a cover 11, which is united permanently to the bottom 10 at the foot 12 and along one side 13. Along the opposite side of the bag, means is provided for detachably uniting the top or cover 11 to the bottom 10; ordinary mating snap fasteners, or ball and socket fasteners being employed in practice, as indicated at 14. The detachable fasteners 14 secure the cover 11 at a point inward from the side edge 15

of said cover, and the said top extends at said side beyond the adjacent side edge of the bottom 10, whereby to provide a protecting flap beyond the line of detachable fastening means to insure that no rain can enter at the said edge. The bag opens endwise at the head and at said head the cover 11 is provided with a longitudinally extending flap 16, that projects a distance beyond the bottom 10, as clearly shown in Fig. 4, and beyond the open end of the bag, to provide a protector overlying the head of the occupant. In connection with the longitudinal flap 16, side flaps extend laterally beyond the body of the bag, and said flaps 17 are free from the bottom 10. At the outer corners of the flaps 17, eyes 19 are produced, in which loops 20 may be secured, adapted to engage over stakes or pins 21 to be driven into the ground, for holding down said side flaps 17. At the approximate center of the main head flap 16 an eyelet or equivalent member 22 is provided, which may engage over the tapered upper end of a prop 23, the lower end of which is driven or sunk into the ground. The arrangement is such that the prop 23 holds the central portion of the overlying flap 16 raised, while the loops and pins 20, 21, or their equivalent, pin the ends of the side flaps to the ground. Thus air may circulate beneath the several edges of the side flap 17 and beneath the main flap 16, while at the same time the said head flaps afford a complete protection against the rain.

In connection with the head flap I may employ a tape 24, secured at one edge, as at 25, by a row of stitching. The tape extends inward from the edges of the flaps 16 and 17 and approximately parallel with said edges, and preferably to points 26 rearward of the described head flaps. A mosquito netting 27 may thus be conveniently pinned or sewed, if desired, to the free edge of the tape 24 and be disposed around the head of the bag in a way to effectively exclude mosquitos and other insects.

The detachable fasteners 14 terminate short of the transverse outer edge of the flap 16 so as to leave the head flaps free, except as they are held by the prop 23 and pins 21. The foot of the bag may be secured by stakes or pins 28, that are driven through corner loops 29, which are shown as secured to eyes 30 formed in the top or cover 11.

To provide for a proper securing of the blanket within the bag, blanket-attaching means are provided at the interior, as best shown in Fig. 3. The blanket-fastening

5 means may consist of loops 31 fastened to the bag and snap hooks 32 or their equivalents to engage respectively with the said loops 31 and with the corners of a blanket 33. The bag having been pinned at the foot
10 and properly disposed on the ground, the user may secure one side flap 17 by the pins or pegs 21, and turn back the opposite side flap, to enter, after which the main flap 16 may be engaged with the prop 23, and the
15 occupant may reach out and engage the loops 20 of the remaining flap 17 with the pins 21. It is even possible to enter the bag without discomfort by disengaging one outer corner of a flap 17 from its peg 21.
20 The preferred arrangement of the described flaps gives the cover a cruciform shape.

By my invention convenience and comfort are insured, a proper circulation of air is provided around the head, while preventing
25 the possibility of rain getting to the occupant.

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

30 1. A sleeping bag comprising a bottom and a top or cover united at the sides and foot, the bag being open endwise at the head and said cover having an extension in the form of a head flap beyond the bottom
35 of the bag, the said flap being disposed in the direction of length of the bag beyond the end opening thereof and having means at its outer transverse edge whereby to en-

gage a prop, and means at its side edges whereby to hold the same down at points 40 beyond the body of the bag.

2. A sleeping bag open endwise at the head, and comprising a bottom, and a top or cover, the said cover having a flap at the head end free from the bottom of the 45 bag at the outer edge and side edges of the flap, said flap having means at its free transverse edge whereby it may be held raised, and means at its free side edges whereby said edges may be held down. 50

3. A sleeping bag comprising a top and bottom, and open at the head end, the top and bottom being united permanently along one side and having detachable fastening means at the opposite side, the top extend- 55 ing laterally beyond the bottom along that side of the bag provided with the detachable fastening means.

4. A sleeping bag comprising a top and bottom, and open at the head end, the top 60 and bottom being united permanently along one side and having detachable fastening means at the opposite side, the top extending laterally beyond the bottom along that side of the bag provided with the detachable 65 fastening means, the said top being furthermore provided with a head flap beyond the said detachable fastening means.

In testimony whereof I have signed my name to this specification in the presence of 70 two subscribing witnesses.

GEORGE WILLIAM GAIL, JR.

Witnesses:

JAMES W. EASTER,
GERHARD L. SCHMEISSER.