

Feb. 8, 1944.

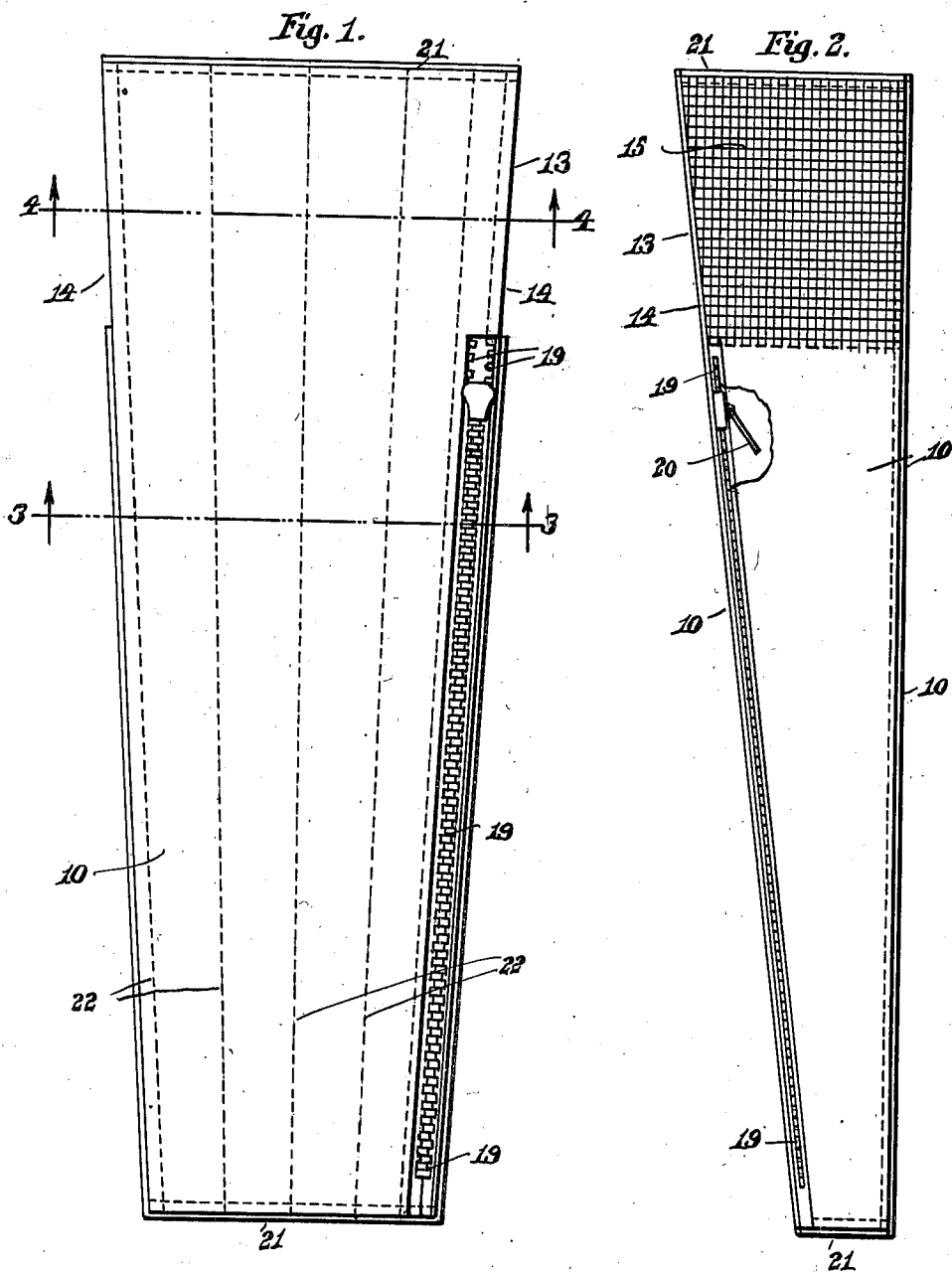
T. ANDERSON

2,341,069

SLEEPING BAG

Filed Nov. 22, 1941

2 Sheets-Sheet 1



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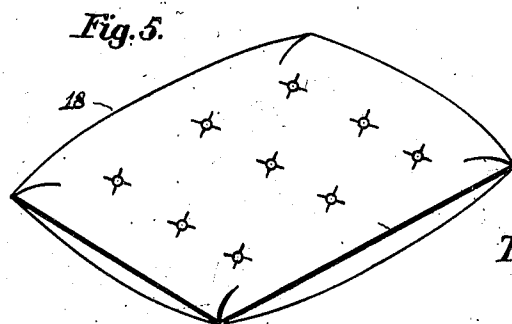
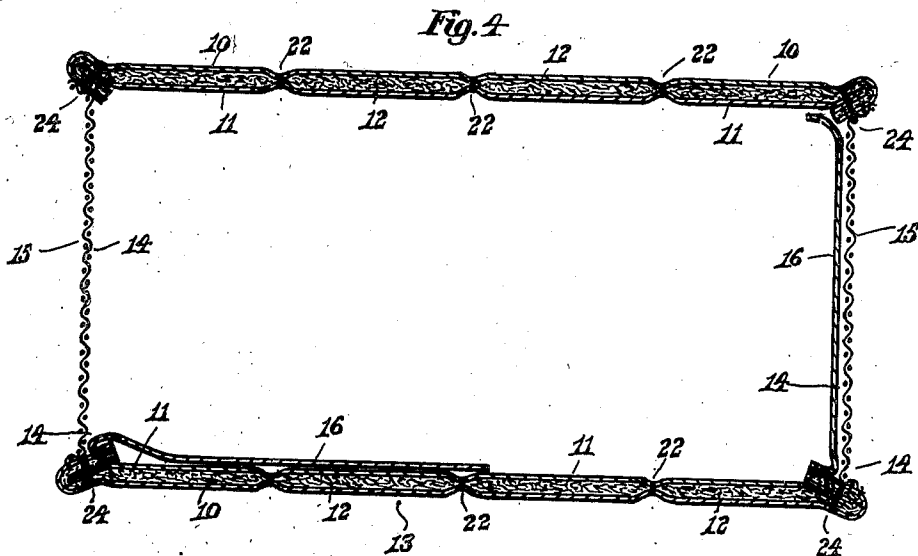
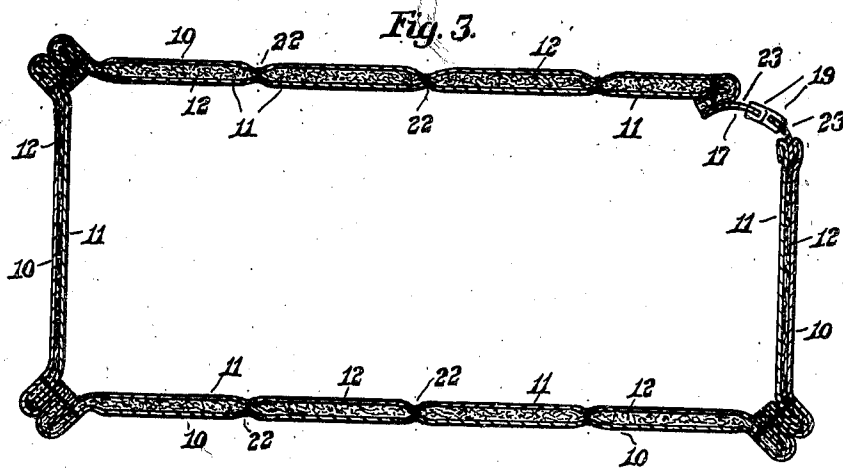
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T. ANDERSON,
SLEEPING BAG

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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE

2,341,069

SLEEPING BAG

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Application November 22, 1941, Serial No. 420,076

6 Claims. (Cl. 5—343)

This invention relates to sleeping bags and has for its principal object the provision of a bag of this character which is capable of admitting a person's entire body and head through an opening in a side of the bag, the edges of this opening being provided with interlocking fastening devices operable from the interior of the bag to open or close the opening.

One object of the invention is to provide a bag of this character which will prevent insects and reptiles from entering the same.

Heretofore as far as is known sleeping bags have been made with one end open and through which opening the occupant enters his body and then ties or otherwise secures the open end of the bag around his neck leaving the head exposed and subjected to all sorts of inclement weather and attacks of mosquitoes, black flies, and the like. By making the bag in the manner shown and described in the present application this objectionable feature is wholly overcome.

A further object of the invention is to provide a means for ventilating the head portion of the bag, air being admitted into said head portion through oppositely disposed screened openings therein.

A further object of the invention is to provide each screened window or opening with a curtain which may be drawn across said window to prevent the admission of an excessive amount of air therethrough.

The invention consists of a bag which is rectangular in cross section and has its upper, lower and side walls attached to rectangular end walls, these side walls and end walls being formed of a plurality of layers of material and the upper and lower walls being secured together by a plurality of rows of stitches.

The invention further consists in making the walls of the bag of an outer layer of some tough material such as canvas, an inner lining of smooth material and an intermediate layer of impervious material.

The invention further consists in providing the admission opening with means whereby the edges of the opening may be brought together to close the opening, the closing means being operable from the inside of the bag.

The objects are attained by the instrumentalities shown in the accompanying drawings.

For the purpose of illustrating the invention, one preferred form thereof is illustrated in the drawings, this form having been found to give satisfactory and reliable results, although it is to be understood that the various instrumentalities of which the invention consists can be vari-

ously arranged and organized, and the invention is not limited to the precise arrangement and organization of these instrumentalities as herein shown and described except as required by the scope of the appended claims.

Of the drawings

Figure 1 represents a plan of a sleeping bag embodying the features of the present invention.

Figure 2 represents a side elevation of the same.

Figure 3 represents a transverse section of the same on line 3, 3 on Fig. 1.

Figure 4 represents a transverse section of the same on line 4, 4 on Fig. 1, and

Figure 5 represents a perspective view of a pillow which may be used in said sleeping bag.

Figures 3, 4 and 5 are drawn to an enlarged scale.

Similar characters indicate like parts throughout the several figures of the drawings.

In the drawings a sleeping bag is shown made up of three-ply walls.

The outer layer 10 of each wall is made of flexible canvas, the inner layer 11 is made of smooth cloth, and intermediate the layers 10 and 11 is another layer 12 of impervious material preventing water from entering the interior of the sleeping bag.

At one end of the bag is a head portion 13 having disposed in its side walls oppositely disposed window openings 14, each opening having a fine mesh metal screen 15 with all of its edges permanently secured to the edges of said opening therein.

Within the head portion 13 and attached to the bottom thereof is a curtain 16 adapted to be disposed at certain times over the inner face of each metal screen 15.

The screened windows 14, 15 provide sufficient ventilation for the head portion 13, the atmosphere passing through one window and out through the opposite window.

If the occupant of the bag is in a draft, a curtain may be spread over either one of the windows 14, the screen 15 in each window preventing insects or reptiles passing into the head portion 13 and disturbing the occupant of the bag.

One side of the bag is provided with a slitted opening 17 extending from a point somewhat removed from the bottom of the bag to a point near the head portion 13.

Through this slitted opening 17 a person may enter into the interior of the sleeping bag which is so constructed as to enclose his entire body and also his head.

The smooth surface of the lining 11 makes it possible for the occupant of the bag to move

about therein without any friction between his clothing and said lining.

The bag is preferably made of such size that if desired a blanket may be admitted into the interior of said bag through the opening 17 to wrap around the occupant of the bag in very cold weather.

The head portion 13 is also of sufficient size to admit a small pillow 18 on which the occupant of the bag may rest his head.

The opposite edges of the slitted opening 17 are provided with interlocking members 19 such as a zipper mechanism.

This zipper mechanism at its lower end is provided with a tab 20 which may be seized by the person within the bag and moved toward the head portion 13 to effectually close the admission opening 17.

By this means any reptile is prevented from entering the bag while the occupant is resting therein.

The sleeping bag is made rectangular with the upper, lower and side walls substantially rectangular and stitched together at their edges as shown in Figs. 3 and 4.

The opposite ends of the bag are closed by rectangular sheets 21 stitched or otherwise permanently secured to the upper, lower and side walls of said bag.

In order to strengthen the bag, the three plies of the upper and lower walls are secured together by a plurality of rows of stitches 22.

When the occupant of the bag desires to remove himself from the bag he can readily seize the tab 20 and move it downwardly toward the bottom of the bag, thus causing the interlocking members of the zipper mechanism to disengage and permit the side edges of the admission opening 17 to be separated sufficiently so that the occupant may make an easy exit therefrom.

The whole bag is made of flexible material so that it can be rolled up into small compass when not in use.

When in use it is quite obvious that the occupant of the bag is protected from poisonous insects and reptiles.

Having the opening 17 at the side of the bag it is easy for a person to enter the bag while the lower wall thereof rests on the ground or other supporting surface.

Heretofore, in most cases, sleeping bags have been made with the admission opening in one end thereof and with this kind of a bag it is much more difficult for a person to enter the same.

Usually these bags just referred to have the opening at one end closed around the neck of the occupant and his head is exposed to all sorts of weather and various poisonous or bothersome insects and even reptiles.

Furthermore, in sleeping in such a bag as that just described the occupant by twisting and turning may wrap the end portion of the bag around his neck in such a manner as to partially choke himself.

With a bag such as herein shown and described, it is quite obvious that the occupant of the bag will have considerable freedom of movement therein and there will be no strain on any portion of his body while sleeping.

Preferably the head end of the bag is made wider than the lower end and this head end 13 is made much deeper than said lower end, all as shown in Figs. 1 and 2.

By constructing the bag in this manner ample

room is provided for the shoulders and arms of the person occupying the bag.

The bag may be used to great advantage by all persons camping in the open and particularly by soldiers, boy scouts and girl scouts.

If desired, the inner ply 12 of the upper and lower walls may be of sufficient thickness as to form pads which will make the bag much warmer and more comfortable to lie on.

Preferably the admission opening 17 is formed between the upper edge of a side wall and an adjacent edge of the upper wall of the bag and the interlocking members 19 may be secured to cloth strips 23 and these strips stitched to said upper and side walls, all as shown in Fig. 3 of the drawings.

The edges of the screens 15 are secured to the upper and lower walls of the bag by stitches or similar means 24 as shown in Fig. 4 of the drawings. The side edges of the screens 15 are also permanently secured to the side edges of the openings 14. The padded upper and lower walls of the bag have their side edges inturned and are stitched to inturned edges at the top and bottom of the side walls of the bag 10 as shown in Fig. 3. The metal screens 15 have sufficient flexibility to permit the bag to be rolled when not in use.

It is believed that the operation and many advantages of the invention will be understood without further description.

Having thus described my invention, I claim:

1. A sleeping bag consisting of a padded bottom member; rectangular walls at the opposite ends of said member and stitched thereto; a cover stitched at its ends to the upper edges of said end walls; flexible side walls stitched at the top and bottom thereof to the side edges of said cover and padded member, one of said side walls having an admission opening extending lengthwise of said bag; and single closing means for said admission opening operable only from the inside of the bag.

2. A sleeping bag as set forth in claim 1, in which a portion of the side wall is removed from the head portion of the bag leaving a window opening in said head portion of a side wall of the bag.

3. A sleeping bag as set forth in claim 1, in which a portion of the side wall is removed from the head portion of the bag leaving a window opening in said head portion of a side wall of the bag, and a fine mesh metal screen in said window opening secured at its edges to portions forming said sleeping bag and padded bottom member.

4. A sleeping bag as set forth in claim 1, in which said closing means consists of a zipper mechanism operable only from the inside of the bag.

5. A sleeping bag as set forth in claim 1, in which one section of the side wall is removed from the head portion of the bag leaving a window opening in said head portion of the side wall of the bag, a fine mesh metal screen in said window opening and attached at its edges to portions forming said sleeping bag, and a curtain on the inside of said screen and attached along its lower edge to an inner portion of said sleeping bag.

6. A sleeping bag as set forth in claim 1, in which the side walls of the head portion of the bag are each provided with a fine meshed metal screen secured at the edges thereof to portions forming said sleeping bag.

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