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G. R. PENDARVIS ET AL

1,805,415

INSECT PROTECTOR

Filed Dec. 13, 1928

Fig. 1.

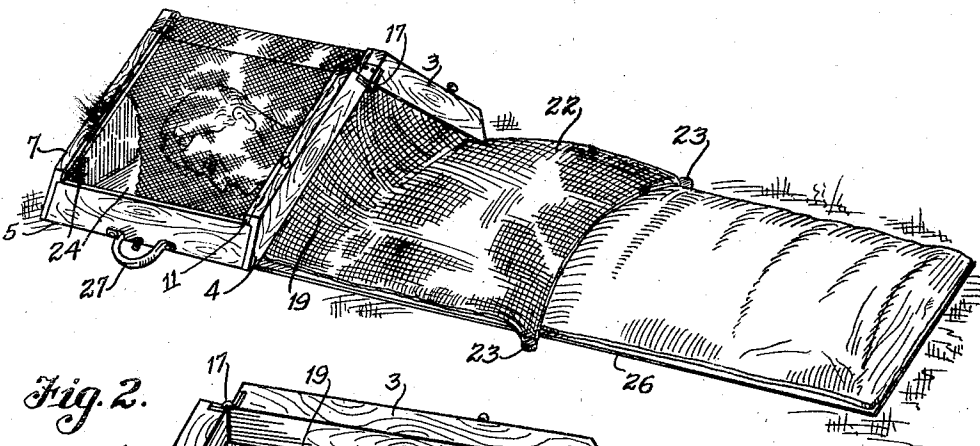


Fig. 2.

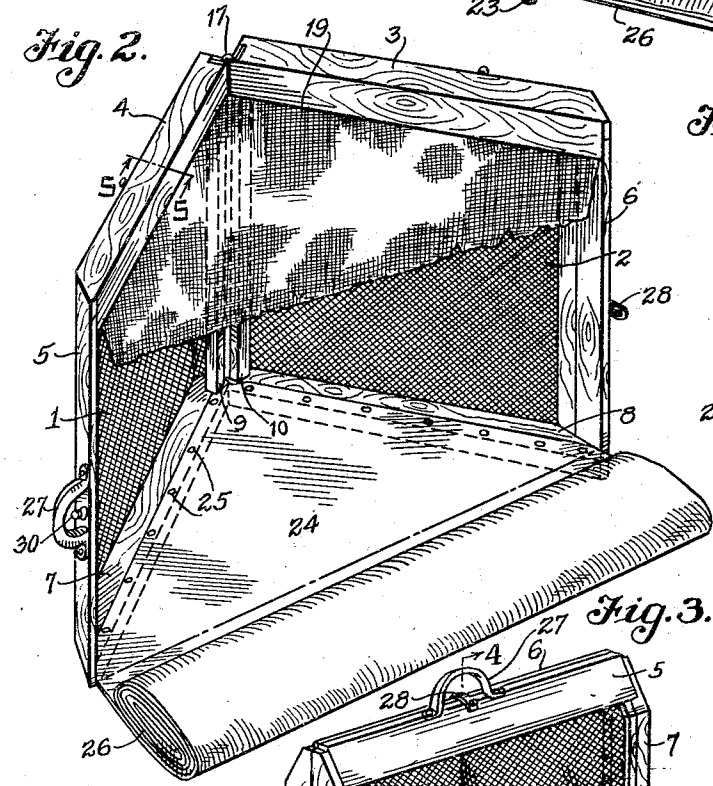


Fig. 4.

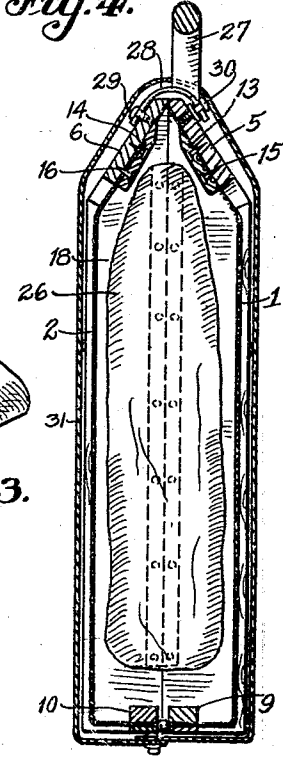


Fig. 3.

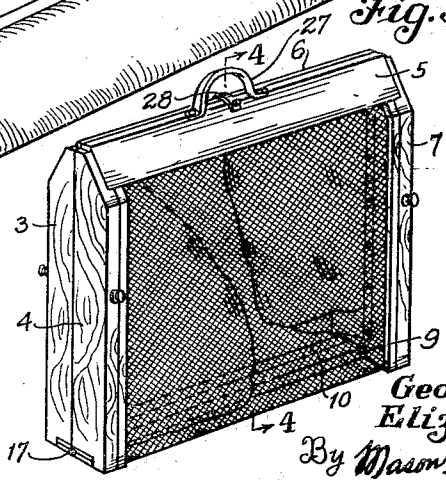
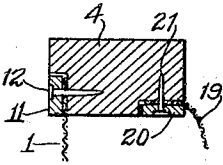


Fig. 5.



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UNITED STATES PATENT OFFICE

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INSECT PROTECTOR

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This invention relates to improvements in retiring kits, particularly in a type of device having screen protecting members suitably connected and arranged with foldable frame elements, and curtain, flap or cover portions all formed into a unit structure in such a manner that the device may be folded into a compact kit for convenient transportation.

An object of this invention is to provide a screen retiring kit adapted to be folded into a light and compact unit adapted to be easily carried by hand, the foldable sections of the kit being spaced from each other in such a manner that luggage of suitable type may be carried therebetween.

A further object of this invention is to provide a retiring kit comprising portions which may be utilized as an emergency bed, including screen members for protecting the head of a person from insects, and a flap member upon which the body may recline, a screen curtain member being arranged to cover the inner open end of the device while the outer open end of the device is closed by means of an extension of the flap, thereby providing a windbreak protection for the head, the inner screen curtain being adapted to extend a suitable distance over the body and held in position by means of weights or otherwise.

Other objects of this invention will appear from the following detailed description, and as disclosed in the single sheet of drawings, which is herewith made a part of this application.

In the drawings—

Figure 1 illustrates a perspective view of the screen retiring kit, disclosing the various portions in unfolded and operative relationship.

Figure 2 represents a perspective view of the retiring kit to an enlarged scale, disclosing the screen portions in unfolded relationship, the flap member being shown in folded position.

Figure 3 represents a perspective view of the screen retiring kit showing its members in folded and transportable relationship.

Figure 4 illustrates a sectional view of Figure 3, taken along line 4—4.

Figure 5 represents a section of Figure 2

taken along line 5—5, disclosing a preferred form of fastening the screen elements and curtain members in the frame sections.

As one modification of the portable screen retiring kit, according to this invention, it is preferred that numerals 1 and 2 designate screen members, made of any suitable material such as wire mesh, and adapted to be securely fastened in frame portions consisting of sections 3, 4, 5, 6, 7, 8, 9, and 10. The screen members 1 and 2 are fastened along two side edges in the frame elements 3, 4, 7, and 8, in the manner disclosed in Figure 5, wherein numeral 11 designates a clamping strip for holding the screen 1 in firm position within the frame 4 by means of a fastening element 12.

The upper edges of the screen members 1 and 2 are attached firmly to the frame elements 5 and 6 by means of clamping strips 13 and 14, adapted to be securely fastened to the frame elements 5 and 6, by means of nails 15 and 16, or otherwise, the upper edges of the screen members being held in clamped position therebetween. The lower edges of the screen members 1 and 2 are held firmly by some suitable means within the frame sections 9 and 10, which are foldably connected together by means of hinge elements 17, or otherwise, thereby forming a foldable screen retiring kit having the screen members 1 and 2 spaced apart when in folded position a sufficient distance for allowing luggage to be store therebetween for transportation purposes, such as bed clothing 18, or the like.

In order to accomplish the desired results, the frame portions 3, 4, 7, and 8 may be constructed of such a width as to allow for any desired capacity of the kit. When the screen retiring kit is in operative position, as clearly disclosed in Figures 1 and 2, it becomes apparent that closure members must be provided for the open ends of the screen, and for this purpose it is preferred that a curtain 19, consisting of flexible screen cloth or otherwise, be securely fastened along two edges in the frame sections 3 and 4 in a manner disclosed in Figure 5, wherein the curtain 19 is securely held in position by means of a clamping strip 20, and fastening elements 21.

The curtain 19 is preferred to have an extension 22 adapted for covering a portion of the body, the free edges of the extension 22 being held in position by weights 23 or otherwise.

The outer end of the screen retiring kit is provided with an extension 24 of the oil cloth flap or pad member 26, which is adapted to be unrolled into the position of an emergency bed, as clearly disclosed in Figure 1. The extension 24 of the flap member 26 is adapted to be suitably formed for detachable fastening to the frame members 7 and 8, by means of fastening elements 25, thereby functioning to provide a windbreak for the head in the form of the extension 24, made from the same material as the flap member 26. For convenience in carrying the kit when the members are in folded position, it is preferred that a handle 27 be fastened to the edge of frame member 5. A suitably formed latch 28 is provided for holding the foldable portions of the kit in closed and fixed relationship to each other. The latch 28 may be made of a flexible strap material fixed at one end 29 to the frame section 6, the other end of the latch or strap element 28 being free and arranged for detachable interlocking with a cooperating element 30, securely fastened to the frame member 5.

As clearly disclosed in Figure 4, a cover member 31, made of waterproofing or otherwise, may be arranged to fit around the retiring kit when in folded position for protection from the weather and other elements.

The screen retiring kit, according to this invention, may be utilized conveniently and efficiently by campers, boy scouts, and other classes of people who may find it necessary to sleep in the open in a section of the country infested by mosquitoes and other insects.

The device is extremely convenient for carrying, being constructed of light weight material and adapted at the same time to include a certain amount of luggage; therefore, the device may be considered as about equivalent to an ordinary handbag.

It will be understood that many changes and modifications may be made in the form of embodiment of the invention within the scope of the following claims without departing from the spirit thereof.

What we claim is:

1. A retiring kit comprising frame members arranged adjustable to each other and in foldable relationship, side screen portions attached to the frame members for protecting the head of a reclining person from insects, the screen portions when in folded position being spaced apart for receiving luggage therebetween, a flexible protector attached to the front frame members, and adapted to extend downward and over a portion of the body, means secured to the rear frame members and adapted to close off the rear portion

of the screened frame members when in unfolded position and at the same time protecting the head of the reclining person from the force of the winds, the means being extended in the form of a flap or pad for receiving the reclining form of the person.

2. A retiring kit comprising frame members secured at an angle to each other and covered with protective material to form a head cover, said frame members having back and front sides, a ground flap secured to the back side of said members, and a top covering secured to the front side.

3. A retiring kit comprising frame members hingedly secured at an angle to each other and covered with protective material to form a head cover, said frame members having back and front sides, a ground flap secured to the back side of said members and a top cover secured to the front side.

4. A retiring kit comprising frame members secured at an angle to each other and covered with protective material to form a head cover, said frame members having back and front sides, a ground flap secured to the back side of said members.

5. A retiring kit comprising frame members secured at an angle to each other and covered with protective material to form a head cover, said frame members having back and front sides, a flap secured to and extending over the back sides of said members and extending therefrom in the form of a ground flap, a top covering secured to the front sides and extending therefrom to form a protective apron for the user.

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