E. SACHSE.

BANDAGE FOR THE TREATMENT OF BODILY AILMENTS.

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1,263,937.

Patented Apr. 23, 1918.

Fig. 1.

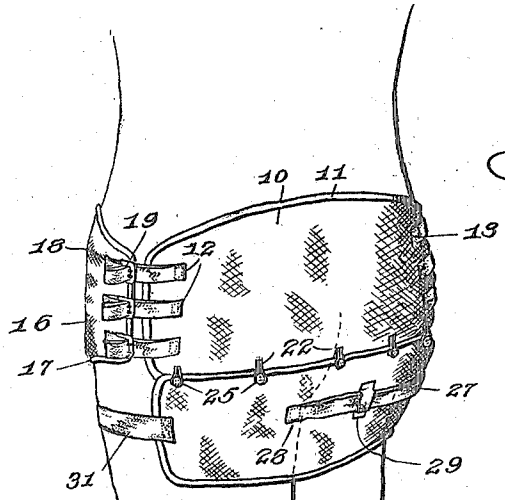


Fig. 2.

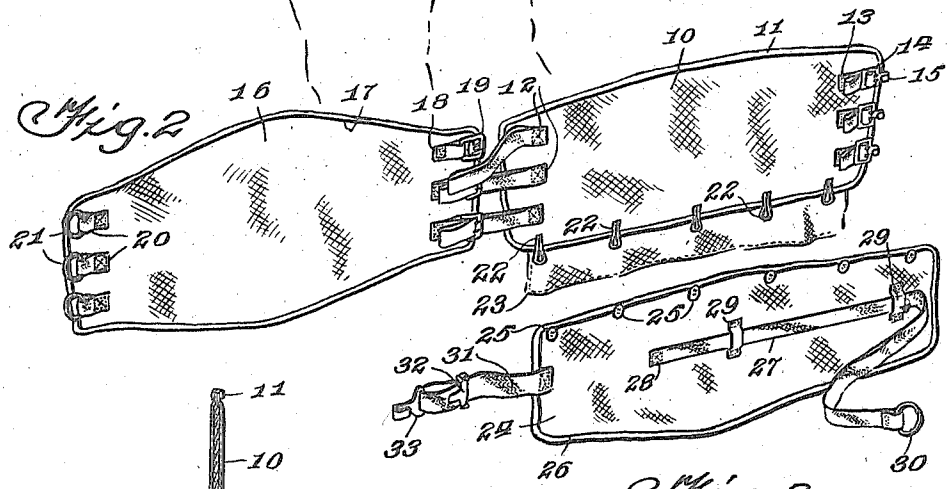
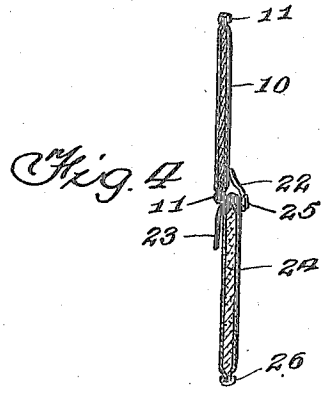


Fig. 3.

Fig. 4.



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BANDAGE FOR THE TREATMENT OF BODILY AILMENTS.

1,263,937. Specification of Letters Patent. Patented Apr. 23, 1918.

Application filed June 28, 1917. Serial No. 177,535.

To all whom it may concern:

Be it known that I, ELKON SACHSE, citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Bandages for the Treatment of Bodily Ailments; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to bandages and the like for the treatment of ailments of the body in proximity to the hip joints, and it has for an object, to provide a device which serves to maintain the desired warmth of the body about these portions, as well as to stimulate circulation of the blood as by rubbing parts of the body.

A further object, is the provision of a bandage with a pendent bandage which is yieldably held against the body as by an elastic tape which is secured to said bandage in such a manner as to allow the major portion of this bandage to adapt itself to the body.

Further objects will be apparent from the following specification, appended claims, and drawings, in which:

Figure 1 is a perspective view of the device applied to a body,

Fig. 2 is a perspective view of the bandage in its extended position,

Fig. 3 is a perspective view of the pendent bandage, and

Fig. 4 is a vertical sectional view through the posterior pads of the bandage.

This type of bandage is intended for use, by those suffering from rheumatism and the like, and it provides for protecting the hip portions of the body from cold. It also has a pad which in its rubbing against parts of the body, causes free circulation of the blood.

Referring more particularly to the drawings in which the several parts are clearly shown, 10 indicates a pad which when applied becomes a posterior pad, and this pad has a binding 11 thereabout to serve in retaining the general shape of this pad. Tapes 12 are secured to this pad near one edge thereof, and these tapes will preferably be of double ply, having the looped end extending beyond the edge of the pad. Tapes 13 are secured near the opposite end from that to which the tapes 12 are secured, and these tapes 13 support the buckles 14 which have hooked extensions 15 formed thereon.

A pad 16, which is bound by the tape or binding 17 has tapes 18 secured thereto, and these tapes receive the buckles 19, with which, the tapes 12 of the posterior pad 10 are adjustably connected. This permits an adjustment when the bandage is applied, and the pad has the tapes 20 secured thereto which hold the rings 21 to co-act with the hooks 15 in forming a fastener for holding the bandage applied. The tapes 12 and 13 are elastic and afford sufficient give to permit free movement of the body, and by having a series of fasteners, the desired binding action may be had along the desired lines through the anterior and posterior pads.

The pad 10 has a series of loops 22 or other fastening means thereon and depending from the inner face is the apron 23. A pendent pad 24 has buttons or other fasteners 25 thereon, which engage in the loops 22 to attach the pendent pad to the posterior pad 10, and this pad 24 has a binding 26 thereabout to retain its general shape. An elastic tape 27 is secured to the pad 24 as at 28 and this tape passes through the loops 29 on the pad 24 to cause the tape to always overlie the central portion of the pad. A non-elastic tape 31 is secured to the end of the pad 24 and this tape carries an adjusting buckle 32, and a fastener 33 which receives the fastener 30 carried by the end of the tape 27. The pad 24 has a greater length than the pad 10, and also has additional fastening means to permit the pad 24 being shifted to dispose the extension formed by its increased length to either side of the pad 10. This allows the extension to be formed to either side of the posterior pad 10 so that the hip joint affected by rheumatism may be protected, and the blood in proximity thereto, may be induced to more free circulation.

When this type of bandage is applied to a wearer, the anterior and posterior pads will be spaced properly to cause the elastic tapes which fasten them together, to present the desired binding action about the hips of the wearer, and the posterior pad is positioned to overlie the buttocks and is held in place by having the pad a trifle full within the bound outline which adapts itself to the curvature of the body. With the pos-

terior pad relatively fixed, the pendent pad is restricted in its vertical and lateral movements in being secured to said posterior pad, but by passing the tapes 27 and 31 about the limbs of the wearer, this pad is held yieldably against the upper portions of the limbs under the buttocks. By attaching the tape 27 to the pendent pad near the point to which the tape 31 is secured, a minimum of the surface of this pad is held under tension, while the major portion is relatively free to adapt itself to the curves of the body. Upon movement of the limbs of the wearer, it is evident that the pendent pad will excite the circulation of the blood as by the rubbing action, and it is this feature in conjunction with the protective qualities of the bandage which renders this device of great importance in the treatment of rheumatism or lumbago and similar ailments. The apron 23 lies over the line of junction between the posterior and pendent pads on the inside of the two pads to form a continuous inner surface and in having the pendent pad so formed as to present a lateral extension, it is possible to attach the two pads to cause the extension to lie over the affected part of the body.

The bandage will preferably be made of different proportions for summer or winter wear, and in the heavier types, two tapes will be used in place of the doubled tape 27.

Modifications from the specific form shown, and described in the foregoing, may be made without departing from the spirit of this invention as set forth in the appended claims.

Having thus described this invention I claim:

1. A bandage of the class described comprising an anterior pad to overlie the lower portion of the abdomen and groins of a wearer, a posterior pad to overlie the buttocks, and a pendent pad detachably carried by said posterior pad, being disposed in back of the thighs, and held yieldably in engagement therewith.

2. A bandage of the class described comprising an anterior pad adapted to overlie the lower abdomen and groins, having a wide central portion to overlie the abdomen, and reduced ends to overlie the groins, a posterior pad to overlie the base of the spine and buttocks, having a non-elastic binding and a fullness of material within said binding to fit the body, a pendent pad detachably and adjustably carried by said posterior pad, to engage with the upper thighs under the buttocks, and a yieldable fastening member carried by said pendent pad to hold said pad in frictional engagement with the thighs upon movement of the legs.

3. A bandage of the class described comprising an anterior pad to overlie the lower abdomen and groins of a wearer, having an enlarged padded central portion, and reduced ends, a posterior pad to overlie the buttocks, having a non-elastic marginal binding, with a padded and full central portion, a plurality of elastic attachment tapes connecting said anterior and posterior pads, a plurality of fasteners carried by said posterior pad along the lower edge, a pendent pad having a length greater than said posterior pad and having a plurality of fasteners along the upper edge for engagement with said fasteners on said posterior pad, said pendent pad being adjustably carried by said posterior pad and extending beyond either end of said posterior pad to partly surround either of the thighs of a wearer, a tape carried by said pendent pad to encircle the legs of the wearer and said pendent pad being held against vertical and lateral movement by said posterior pad to rub against the upper thighs of a wearer upon movement of the body to stimulate circulation.

In testimony whereof I affix my signature.

ELKON SACHSE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."