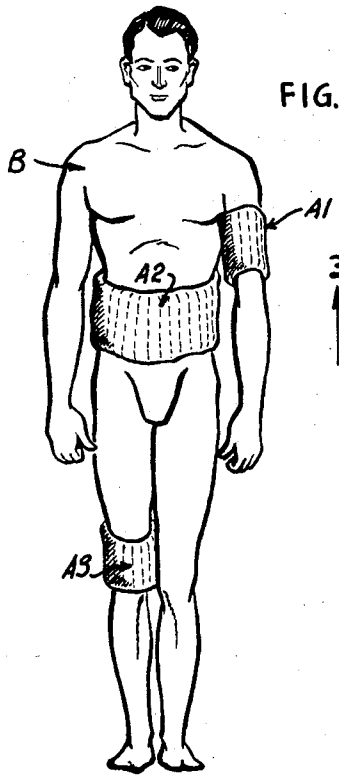
Oct. 20, 1959 J. M. ASHE 2,909,176

TREATMENT PAD FOR MUSCULAR AILMENT

Filed Jan. 10, 1958

FIG. 1



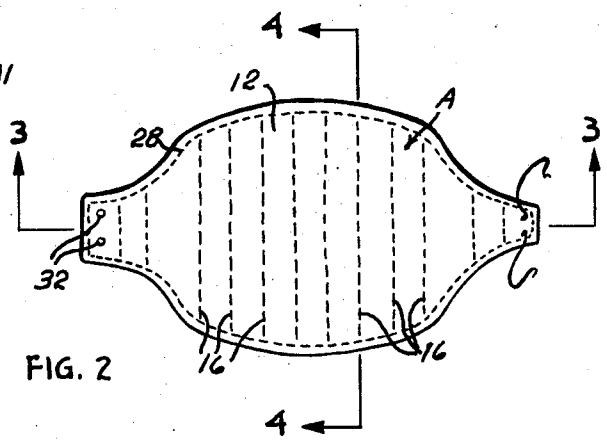


FIG. 2

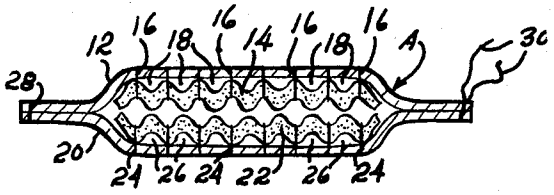


FIG. 3

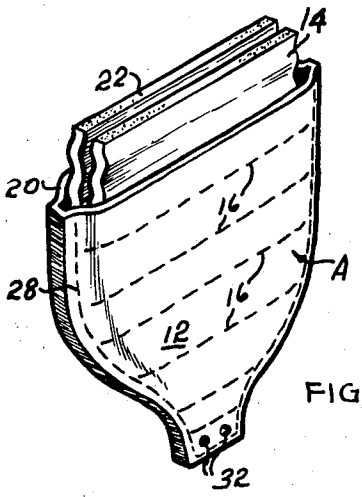


FIG. 4

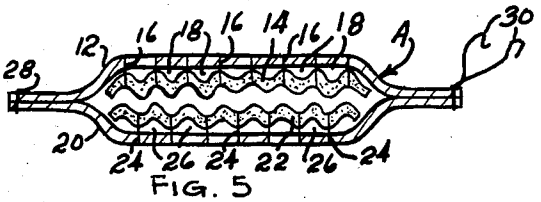


FIG. 5

INVENTOR

JOHN M. ASHE

BY Harry Sangsare

Stanley Belcher

ATTORNEYS

United States Patent Office

2,909,176

Patented Oct. 20, 1959

2,909,176

TREATMENT PAD FOR MUSCULAR AILMENT

John M. Ashe, Philadelphia, Pa.

Application January 10, 1958, Serial No. 708,304

3 Claims. (Cl. 128—293)

My invention relates to a treatment pad for muscular ailments and more particularly relates to a bandage type pad which is useful and effective in the treatment of neuritis, arthritis and other muscular and bone diseases and ailments.

In the treatment of arthritis, neuritis and other muscular ailments, the usual therapy is to wrap or encase the afflicted area with a bandage or a pad in order to maintain the diseased portion of the body warm. Heretofore the sore area had applied thereto an ointment of salve which would stimulate and provide heat upon the skin surface thereby generating a great degree of temperature within the internal component. However, the prior pads were of a very porous nature and the afflicted area was likely to be subject to drafts and cold and thereby further add to the muscular affliction.

It therefore is an object of my invention to provide a treatment pad for muscular ailments wherein the afflicted part will be covered completely without being subject to cold and drafts.

Another object of my invention is to provide a treatment pad for muscular ailments whereby the pad will completely insulate the afflicted area and maintain the sore part warm.

Another object of my invention is to provide a treatment for muscular ailments whereby the pad itself provides a completely insulated case about the afflicted member.

Another object of my invention is to provide a treatment pad for muscular ailments wherein the pad itself will maintain the afflicted component warm and the body's natural heat will be entrapped within the covered area.

Other objects of my invention are to provide an improved device of the character described, that is easily and economically produced, which is sturdy in construction, and which is highly effective in operation.

With the above and related objects in view, my invention consists in the details of construction and combination of parts, as will be more fully understood from the following description, when read in conjunction with the accompanying drawing, in which:

Fig. 1 is a perspective view of a person's body having various areas of treatment encased by a treatment pad embodying my invention.

Fig. 2 is a plan view of one of the treatment pads.

Fig. 3 is a sectional view taken along lines 3—3 of Fig. 2.

Fig. 4 is a fragmentary perspective view taken along lines 4—4 of Fig. 2.

Fig. 5 is a view similar to Fig. 3, showing the staggered orientation of oppositely disposed pockets.

Referring now in greater detail to the drawings, I show a treatment pad, generally designated as A, which is for application to various portions of a person's body, generally designated as B. In Fig. 1, areas of treatment are

shown for the upper arm, the waist and the knee, and the pads for these afflicted zones are designated as A1, A2, and A3 respectively. However, it is to be understood that my treatment pads may be designed for any bodily component, and differ only in size with respect to the body area to be covered.

The pad A comprises an outer fabric cover 12, an insulating batting 14 which is sewed thereto in a plurality of spaced lines of stitching 16. A longitudinally extending exterior pocket 18 is defined intermediate adjacent lines of stitching 16 between the outer fabric cover 12 and the batting 14. An inner fabric lining 20 has secured thereto the second layer of batting 22 which is sewed thereto in a plurality of parallel spaced lines of stitching 24. A longitudinally extending interior pocket 26 is defined intermediate adjacent lines of stitching 24 between the inner lining 20 and the batting 22. Each of the pockets 18 and 26 forms air spaces which act as an insulation material. In the preferred embodiment of my invention I prefer to use nylon for the outer fabric 12 and the inner lining 20 whereas the batting material is preferably an insulation such as Dacron fibrefill.

It is to be observed that the area of the batting is somewhat less than the area of the respective fabric to which it is sewn whereby the edges of the fabric 12 and 20 overlie the batting itself. The edges of the outer fabric 12 and the inner lining 20 are secured to each other by peripherally sewing them together in a line of stitching 28 whereby the two layers of batting are unsecured to each other but are sewn to their respective fabric materials. It is also to be observed that it is preferable to stagger the pockets 18 from the pockets 26 in order to provide a more efficient construction and insulation pad for therapy purposes.

Conventional draw strings 30 are secured to one end of the pad which may be drawn through complementary apertures 32 on the opposite end of the pad.

As is apparent when my treatment pad is wrapped about the afflicted area, no drafts can reach the afflicted zone and the heat generated by the body will be maintained restricted to the particular encased by the pad.

Although my invention has been described in considerable detail, such description is intended as being illustrative rather than limiting, since the invention may be variously embodied, and the scope of the invention is to be determined as claimed.

I claim:

1. A pad for the treatment of muscular afflictions comprising an outer fabric cover, a batting sewn thereto in a plurality of parallel spaced lines of stitching, an inner fabric lining and an insulating batting sewn thereto in a second plurality of spaced lines of stitching, said outer cover and inner lining overlying their respective battings at the peripheral edges thereof and said peripheral edges of the inner lining and outer fabric being secured to each other in a peripheral line of stitching whereby said first and second layers of batting are unsecured to each other.

2. The pad of claim 1 wherein a plurality of exterior pockets are defined intermediate adjacent lines of stitching between the batting and the adjacent fabric.

3. The pad of claim 2 in which the pockets between the outer cover and its adjacent batting are staggered with respect to the pockets between the inner lining and its adjacent batting.

References Cited in the file of this patent

UNITED STATES PATENTS

473,133	Soden	Apr. 19, 1892
2,494,987	Chaitin	Jan. 17, 1950