Aug. 26, 1952 J. D'ALBORA 2,608,636

ELECTRIC HEATING PAD SUPPORT

Filed Feb. 20, 1951

Fig. 1.

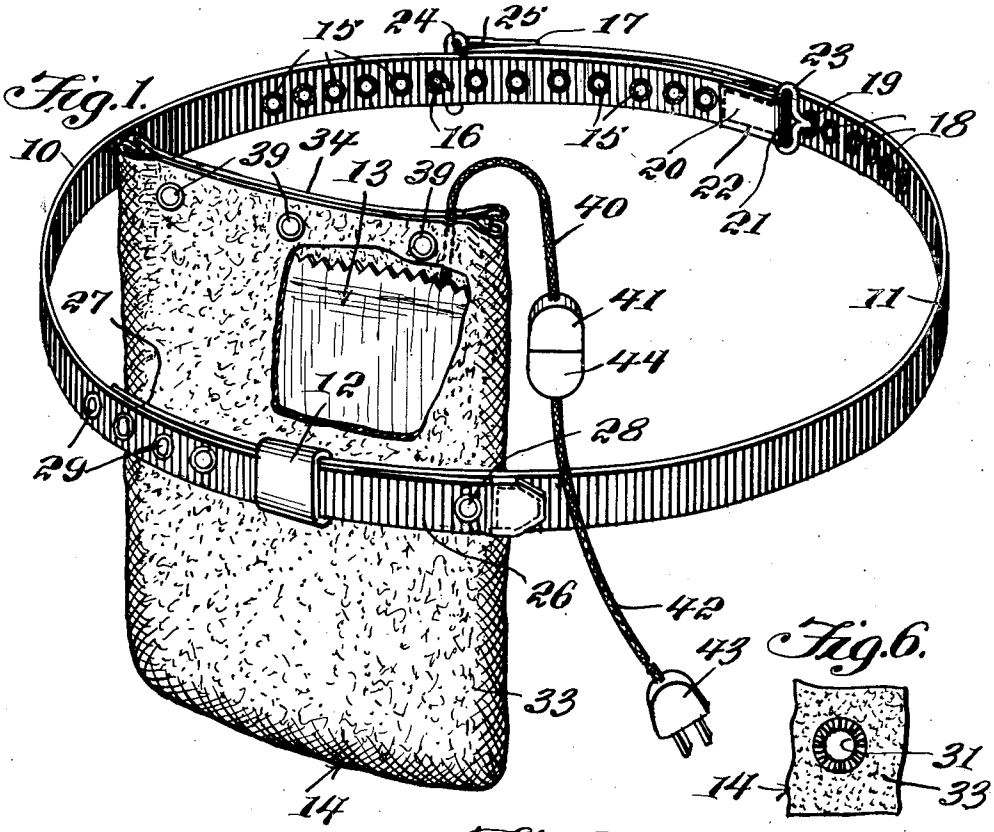


Fig. 6.

Fig. 2.

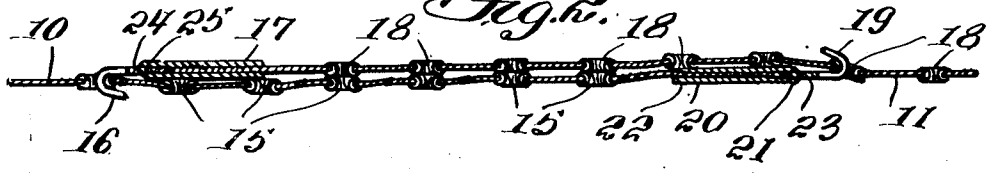


Fig. 3.

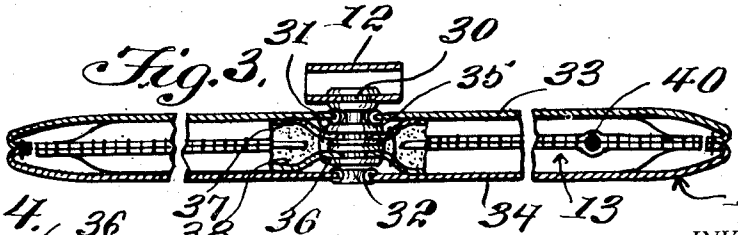


Fig. 4.

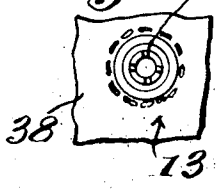
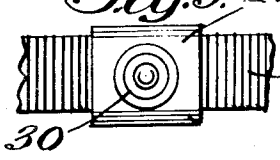


Fig. 5.



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ELECTRIC HEATING PAD SUPPORT

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3 Claims. (Cl. 219—46)

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This invention relates to electric heating pads in combination with supporting means whereby a pad may be retained in different positions over the human body, and in particular a belt formed of adjustably connected sections and a heating pad with a container or envelope in which the pad with the envelope thereon may be attached to the belt by snap fasteners whereby the pad may be carried at different points on the belt.

The purpose of this invention is to provide an electric heating pad support which is readily adjustable so that a pad may be positioned at different points on the body.

Various types of supporting devices have been provided for holding electric heating pads in different positions upon the human body but where belts or straps are attached to the ends of envelopes or containers in which electric heating pads are positioned it is difficult to position the pad exactly where the heat therefrom is desired.

With this thought in mind this invention contemplates a pad holder having a snap fastener extended through the intermediate part of the pad and holder and adapted to be snapped to a coacting snap section on a sliding collar that is positioned to travel around a belt and wherein the belt is formed of a plurality of sections for facilitating strapping the belt to different parts of the body.

The object of this invention is, therefore, to provide mounting means for an electric heating pad whereby the pad is suspended from a centrally positioned point thereon on a collar slidably mounted on an adjustable belt.

Another object of the invention is to provide an electric heating pad support in which the pad is completely enclosed in an envelope or container and wherein the pad is supported through the walls of the envelope so that the pad is completely enclosed and at the same time positively supported.

A further object of the invention is to provide an electric heating pad container and support which is of a simple and economical construction.

With these and other objects and advantages in view the invention embodies a belt formed with a plurality of adjustably connected sections, a heating pad having a snap fastener thereon, a collar having a snap fastener thereon slidable on the belt and mounted with the snap fastener positioned to coact with a similar fastener on the heating pad, and a heating pad container and pad combination having snap fastener elements extended therethrough and positioned to coact with the snap fastener of the collar on the belt.

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Other features and advantages of the invention will appear from the following description taken in connection with the drawings wherein:

Figure 1 is a perspective view showing the improved electric heating pad supporting device with part of the envelope surrounding the pad broken away to show the pad therein.

Figure 2 is a sectional plan through a portion of the rear section of the belt illustrating the eyelets and hooks for adjustably connecting the ends of the belt sections at the rear.

Figure 3 is a sectional plan through the electric heating pad envelope with parts of the envelope broken away showing snap fastener sections extended through the envelope and pad.

Figure 4 is a detail illustrating the female section of a snap fastener secured on one side of the electric heating pad.

Figure 5 is a detail looking toward the inner side of the sliding collar showing the male section of a snap fastener on the inner surface thereof.

Figure 6 is a detail showing an eyelet in the wall of the envelope or container and through which the male member of the snap fastener of the collar extends to engage the snap fastener section of the electric heating pad.

Referring now to the drawings wherein like reference characters denote corresponding parts the improved electric heating pad support of this invention includes a belt formed with sections 10 and 11, a collar 12 slidably mounted on the belt, an electric heating pad 13, and an envelope 14 in which the electric heating pad is positioned.

The belt section 10 is provided with a plurality of eyelets 15 that are positioned to receive a hook 16 on an end 17 of the belt section 11 and the section 11 of the belt is provided with eyelets 18 that are positioned to receive the hook 19 carried by an end 20 of the section 10 of the belt.

As illustrated in Figures 1 and 2 the end of the belt section 10 is folded over to provide a socket 21, with the end 20 secured by stitching 22 to the inner surface of the section 10. The elongated eye or base section 23 of the hook 19 extends through the loop formed at the end of the belt section 10 and the elongated eyelet or base section 24 of the hook 16 extends through a similar loop 25 formed by the end 17 of the section 11 of the belt.

The opposite end 26 of the belt section 10 is secured to the end 27 of the belt section 11 by a snap fastener 28 and similar snap fasteners

29 are provided at spaced intervals in the belt section to facilitate adjusting the size of the belt.

The collar 12 extends continuously around the ends 26 and 27 of the belt, as shown in Figures 1 and 5 and the male member 30 of a snap fastener mounted on the inner wall of the collar 12, is positioned to extend through eyelets 31 and 32 in the side surfaces 33 and 34, respectively of the envelope 14, and into female snap fasteners 35 and 36, secured by stitching in the walls 37 and 38 of the electric heating pad 13.

The walls 37 and 38 of the electric heating pad 13 are secured together around the fasteners 35 and 36 by the stitching 45 and thereby holding the female elements of the snap fastener in position in the pad.

The side walls 33 and 34 of the envelope 14, which are open at one end of the envelope, are provided with snap fasteners 39, as illustrated in Fig. 1 so that the end of the envelope may be closed by the fasteners.

The electric heating pad 13 is provided with a cord 40 having a plug 41 on the outer end and an extension cord 42 having a plug 43 on the outer end and a socket 44 on the inner end may extend from the plug 41, as shown in Fig. 1.

With the parts arranged in this manner the electric heating pad with the envelope thereon is mounted through the snap fastener elements at the center and the snap fastener on the collar 12 whereby the electric heating pad may be turned to different positions and the size of the belt is readily adjustable to correspond with different parts of the body upon which it is desired to position the pad.

It will be understood that although snap fasteners are illustrated and described as used on the electric heating pad, envelope, and collar, fasteners of any suitable type may be used and although the sections of the belt are connected at the rear by hooks extended through eyelets the sections of the belt may be adjustably connected by any suitable means.

It will be understood that other modifications may be made in the design and arrangement of the parts without departing from the spirit of the invention.

What is claimed is:

1. An electric heating pad support comprising a plurality of belt sections, means for adjustably connecting the belt sections at the back, means for adjustably connecting the said belt sections at the front, a collar slidably mounted on the said belt sections, an electric heating pad, a cloth envelope in which the said electric heating pad is positioned, centrally positioned snap fastener elements mounted in the said heating pad, eyelets in the walls of the envelope positioned to register with the snap fastener elements on the heating pad, and a snap fastener element on the

said collar positioned to extend through eyelets in the sides of the envelope and into snap fastener elements in the sides of the electric heating pad.

2. An electric heating pad support comprising a plurality of belt sections, hooks on the rear ends of the belt sections, eyelets in the rear ends of the belt sections for receiving the said hooks for adjustably connecting the belt sections at the back, means for adjustably connecting the said belt sections at the front, a collar slidably mounted on the said belt sections, an electric heating pad, an envelope in which the said electric heating pad is positioned, centrally positioned snap fastener elements mounted in the said heating pad, eyelets in the walls of the envelope, positioned to register with the snap fastener elements on the heating pad, a snap fastener element on the said collar positioned to extend through eyelets in the sides of the envelope and into snap fastener elements in the sides of the electric heating pad, and snap fastener elements on the envelope for closing the said envelope.

3. An electric heating pad support comprising a plurality of belt sections, hooks on the rear ends of the belt sections, eyelets in the rear ends of the belt sections for receiving the said hooks for adjustably connecting the belt sections at the back, snap fasteners for adjustably connecting the said belt sections at the front, a collar slidably mounted on the said belt sections, an electric heating pad, an envelope in which the said electric heating pad is positioned, centrally positioned snap fastener elements mounted in the said heating pad, eyelets in the walls of the envelope, positioned to register with the snap fastener elements on the heating pad, a snap fastener element on the said collar positioned to extend through eyelets in the sides of the envelope and into snap fastener elements in the sides of the electric heating pad, and snap fastener elements on the envelope for closing the said envelope.

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