

Nov. 29, 1938.

L. PECKER

2,138,745

COMFORT

Filed July 28, 1937

2 Sheets-Sheet 1

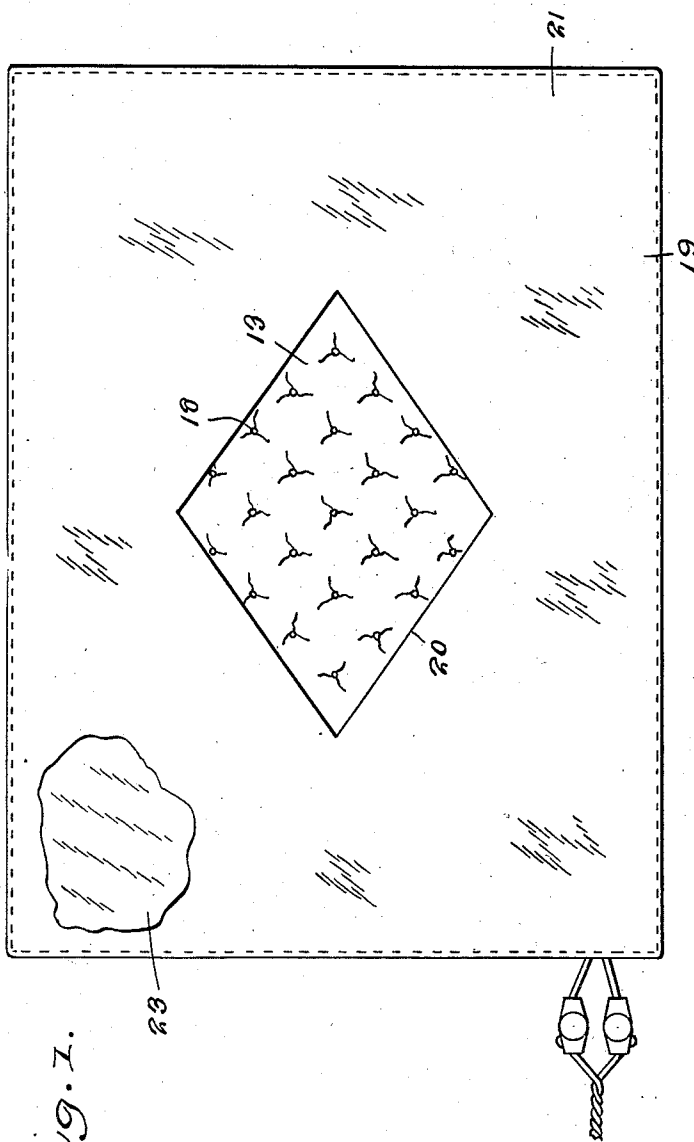


Fig. 1.

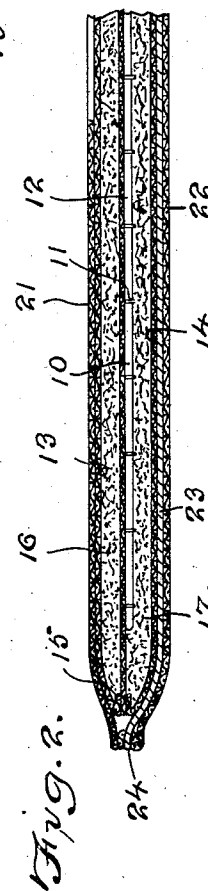


Fig. 2.

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2 Sheets-Sheet 2

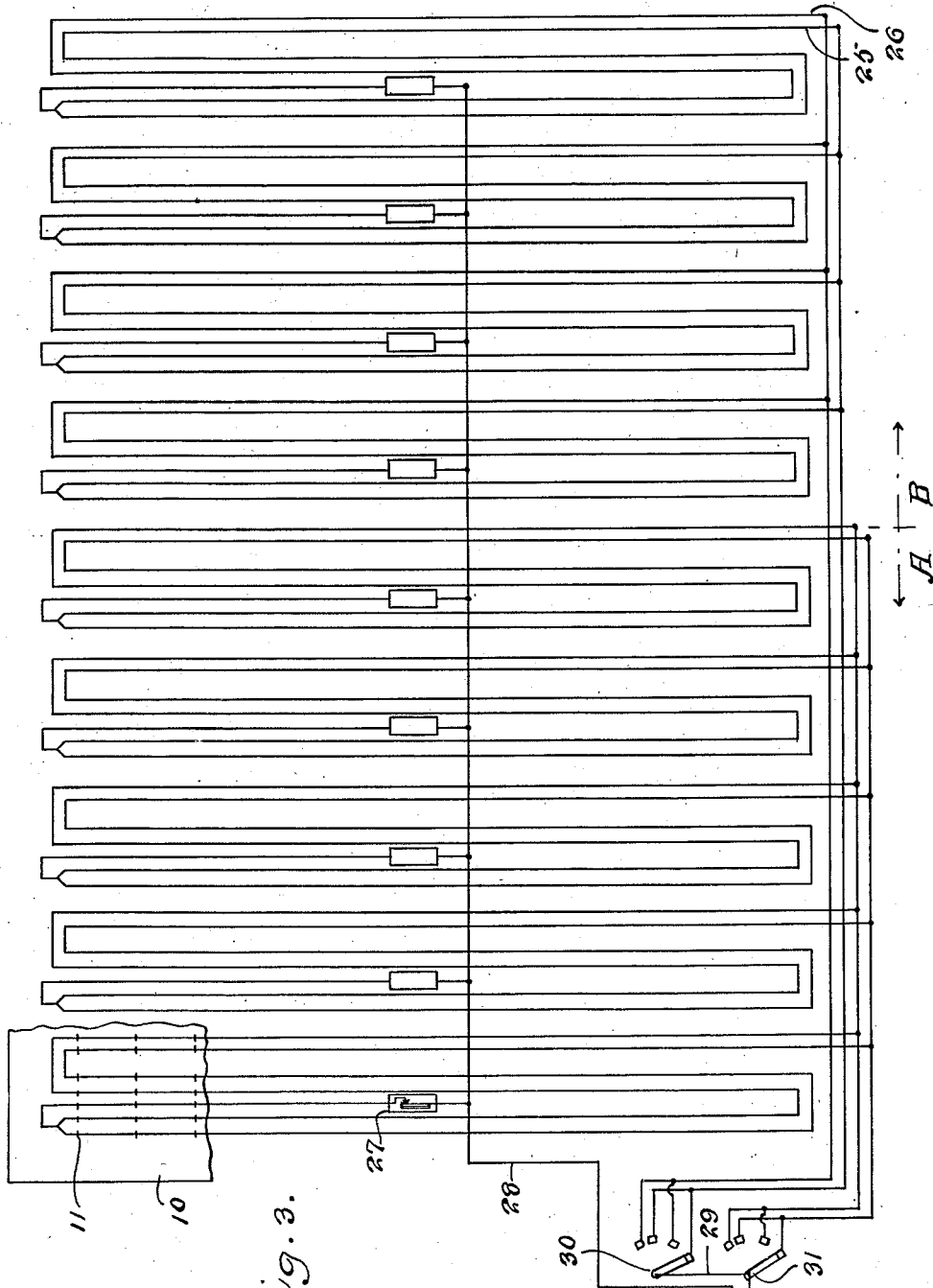


Fig. 3.

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UNITED STATES PATENT OFFICE

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COMFORT

Louis Pecker, Newark, N. J.

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1 Claim. (Cl. 219-46)

This invention relates to comforts and has for an object to provide an electrically heated comfort in which the heater units of the foot section and of the body section are adapted to be independently controlled so that either or both sections may be selectively heated.

A further object is to provide an electrically heated comfort in which high, low and medium heat may be utilized to suit required conditions of service.

A further object is to provide an electric comfort having a removable cover for shielding the comfort against being soiled, the cover being provided with an oil skin to prevent perspiration reaching and soiling the comfort.

A further object is to provide an electrically heated comfort in which the resistance wires are sewed to a separate sheet of fabric so that they will be maintained permanently in place and cannot become dislodged to cause short circuits.

A further object is to provide an article of this character which will be neat, attractive, extremely pliable and which will be formed of a few strong simple and durable parts, which will be inexpensive to manufacture, and which will not easily get out of order.

With the above and other objects in view the invention consists of certain novel details of construction and combinations of parts hereinafter fully described and claimed, it being understood that various modifications may be resorted to within the scope of the appended claim without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawings forming part of this specification,

Figure 1 is a top plan view of the comfort and its cover and showing a portion broken away to expose the oil skin.

Figure 2 is a detail longitudinal section of the comfort and cover drawn to enlarged scale.

Figure 3 is a diagrammatic view showing the electrical connections of the heating cables, thermostats and switches.

Referring now to the drawings in which like characters of reference designate similar parts in the various views, 10 designates a sheet of strong pliable fabric to which is sewed as shown at 11, electrical heating cables 12 of conventional type. Upper and lower sheets 13 and 14 of satin or other suitable material are stitched at the longitudinal and end edges, as shown at 15 to the longitudinal and end edges of the wire supporting sheet 10. Bats of wool 16 and 17 are disposed respectively on opposite sides of the wire supporting sheet 10. Tufts 18 secure the bats in place upon the upper and lower sheets 13 and 14.

A fabric cover 19 is provided for the comfort. The cover is provided with a substantially dia-

mond-shaped opening 20 through which the comfort may be inserted in the cover. The cover comprises upper and lower sheets 21 and 22, best shown in Figure 2. The lower sheet 22 is lined on the inner side with a sheet of oil skin 23 such as oil silk to prevent perspiration reaching the lower sheet 14 of the comfort and soil the same. The upper sheet 21, lower sheet 22 and oil skin sheet 23 are all sewed together at their longitudinal and end edges as shown at 24.

In wiring the comfort two types of heater cables are used, designated by the reference characters 25 and 26 in Fig. 1, one being 22 ohms per foot and the other 39 ohms per foot. The heater cables, one of each type, are stitched side by side back and forth three times across the width of the cover in parallel relationship as illustrated. To each pair of the wires, each of which acts as a separate heating unit, a conventional rheostat 27 is connected. Preferably five pairs of wires are used for the body section A and four pairs are used for the foot section B. All nine pairs are connected in multiple to the current supply wires 28 and 29.

Two switches 30 and 31 of the high, low and medium conventional type, are connected to the supply wire 29 and may be used independently to energize certain predetermined heater cables, or may be used simultaneously to couple certain predetermined cables together to obtain and accommodate heating capacity.

From the above description it is thought that the construction and operation of the invention will be fully understood without further explanation.

What is claimed is:

An electrically heated comfort comprising a pliable sheet of fabric, electrical heating wires sewed to one face of the sheet, upper and lower sheets of pliable fabric stitched at the longitudinal and end edges to the longitudinal and end edges of the wire supporting sheet, bats of wool disposed respectively on opposite sides of the wire supporting sheet, tufts securing the bats in place upon the upper and upon the lower sheets, a fabric cover forming an envelope for the sheets and bats, there being a substantially diamond shape opening in the central portion of the cover through which said sewed together sheets and bats may be inserted in the cover, the cover comprising upper and lower sheets, a sheet of oilskin lining the inner side of the lower sheet of the cover and preventing perspiration reaching the lower sheet of the comfort to soil the same, the upper and lower sheets and oilskin lining of the cover being all sewed together at their longitudinal and end edges, means for supplying current to said wires, and means for controlling the current supplied to the wires.

LOUIS PECKER.