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B. O. BETHELL

2,258,944

BED WARMER

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Fig. 1

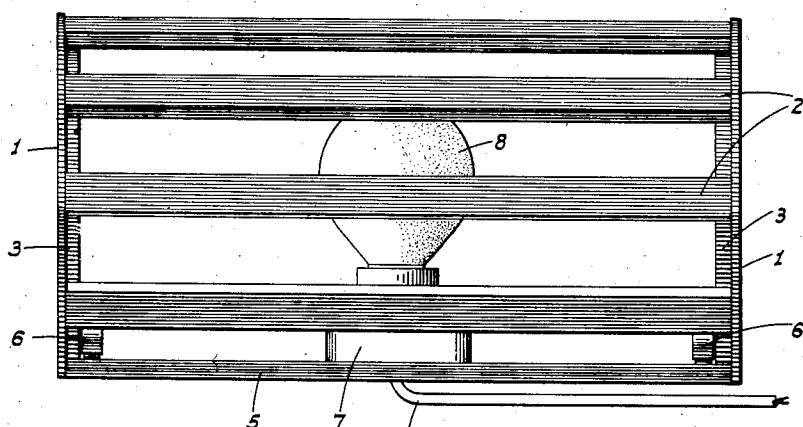


Fig. 2

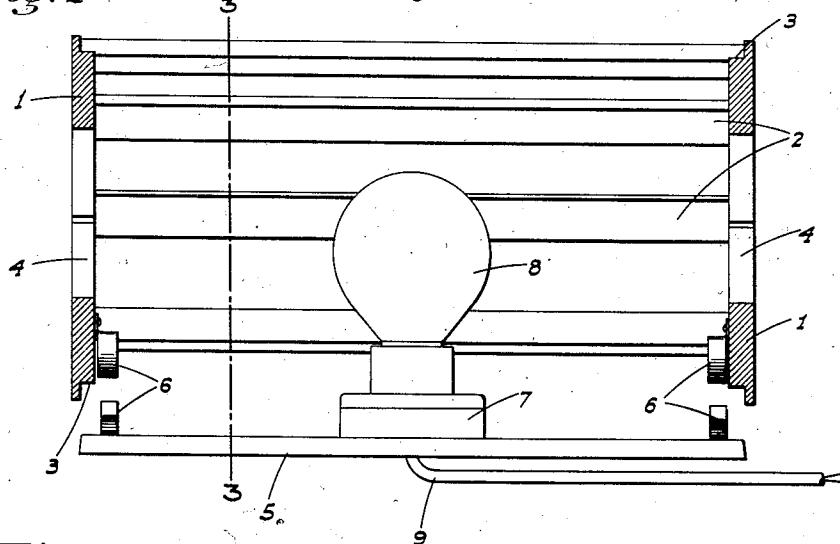
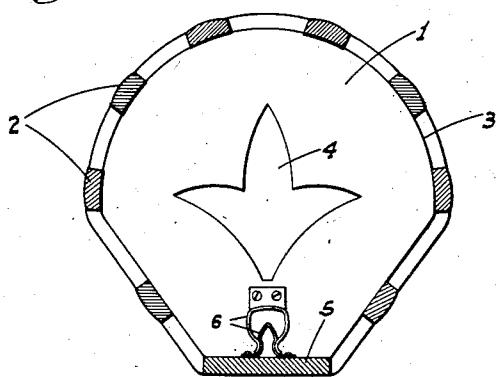


Fig. 3



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## UNITED STATES PATENT OFFICE

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## BED WARMER

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Application December 12, 1939, Serial No. 308,819

2 Claims. (Cl. 219—45)

This invention relates generally to an electric appliance adapted for domestic use, and in particular the invention is directed to, and it is my principal object to provide, an electric bed warmer in which an ordinary electric light globe is employed as the heating element.

Another object of the invention is to provide a bed warmer including an electric globe, arranged so that such globe is maintained in spaced relation from the bedding when the device is in use, whereby the heat from the globe cannot cause damage by scorching or burning of the bedding.

A further object of the invention is to produce a simple and inexpensive device and yet one which will be exceedingly effective for the purpose for which it is designed.

These objects I accomplish by means of such structure and relative arrangement of parts as will fully appear by a perusal of the following specification and claims.

In the drawing similar characters of reference indicate corresponding parts in the several views.

Figure 1 is a side elevation of the device.

Figure 2 is a sectional elevation of the device with the bottom plate detached.

Figure 3 is a cross-section of the cage taken on line 3—3 of Fig. 2, illustrating the securing elements between the removable bottom plate and ends of said cage.

Referring now more particularly to the characters of reference on the drawing, the device comprises an elongated cage of light-weight construction; such cage, except at the bottom, comprising spaced heads or ends 1 connected together by a plurality of longitudinally extending, laterally spaced slats 2. The ends at the periphery thereof are recessed as at 3 for the reception of the slats in flush relation.

The slats are relatively narrow and are spaced apart a substantial distance whereby to assure ample circulation of air through the cage; such circulation being enhanced by the provision of apertures 4 in the ends 1. These apertures may, if desired and as shown, be of ornamental design.

The bottom of the cage comprises a flat plate 5 with its ends resting in recesses 3; this plate being removably secured with ends 1 by means of friction catch units 6.

A socket 7 for the reception of an electric light globe 8 is mounted on the bottom plate intermediate its ends, such socket and globe projecting into the cage. A flexible electric cord 9

passes through plate 5 and is connected with the terminals of the socket. As the bottom plate 5 is removable, the globe 8 may be easily replaced when necessary; such globe preferably being of low wattage.

When the device is in use in a bed, the globe 8 is of course illuminated, and the heat therefrom causes a circulation of air into and out of the cage; the out flowing air being warm and effectively warming the bed.

From the foregoing description it will be readily seen that I have produced such a device as substantially fulfills the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction of the device, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention, as defined by the appended claims.

Having thus described my invention, what I claim as new and useful and desire to secure by Letters Patent is:

1. In a bed warmer, an elongated cage including rigid end members, said cage being initially open from end to end at the bottom, a separate bottom plate for the cage, an electric globe assembly mounted on the upper surface of said bottom plate, and means removably mounting said bottom plate in position on the cage; said means comprising friction catch units connecting between said end members and the bottom plate, each catch unit comprising one element mounted on the inner face of one of said end members, and a cooperating element mounted on and upstanding from the adjacent portion of the bottom plate.

2. In a bed warmer, an elongated cage including rigid end members, said cage being initially open from end to end at the bottom, a separate bottom plate for the cage, an electric globe assembly mounted on the upper surface of said bottom plate, said end members being channeled at the bottom to receive, locate and overlap the ends of the bottom plate, and friction catch units removably securing the bottom plate in position on the cage; each catch unit comprising one element mounted on the inner face of one of said end members, and a cooperating element mounted on and upstanding from the adjacent portion of the bottom plate.

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