July 25, 1961 R. P. CASEY 2,993,216

CIRCULAR CANOPY BEDS

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FIG. 1.

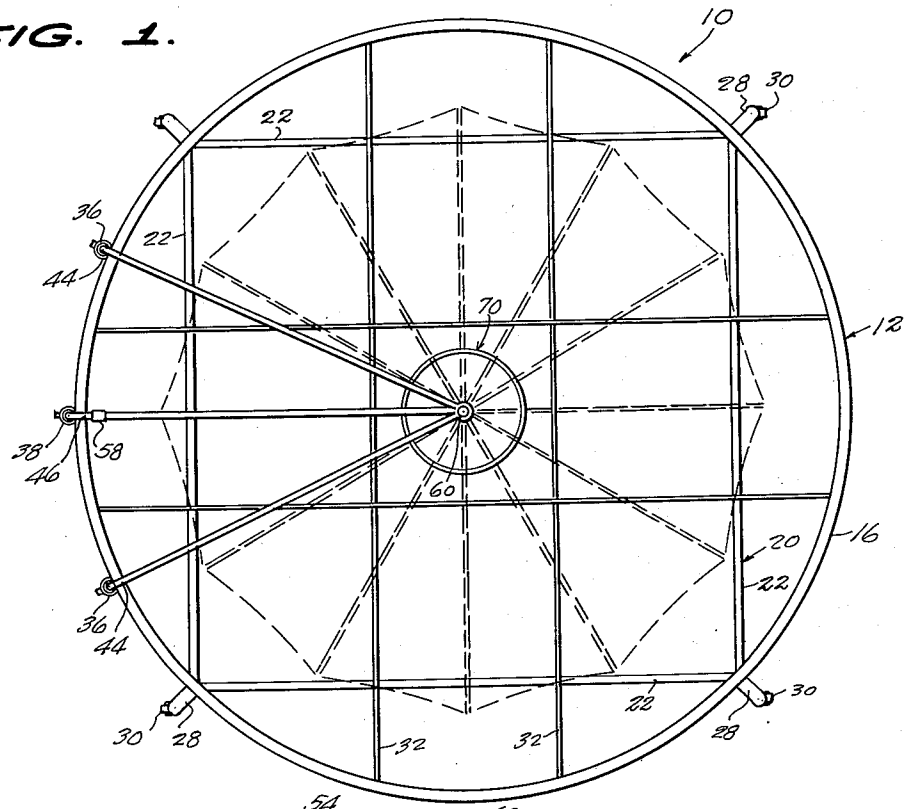
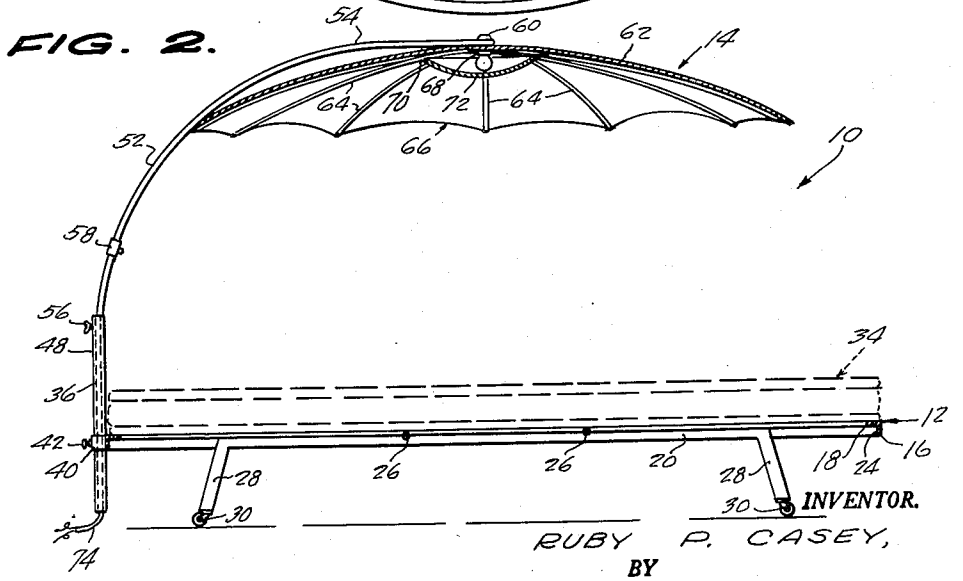



FIG. 2.




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FIG. 3.

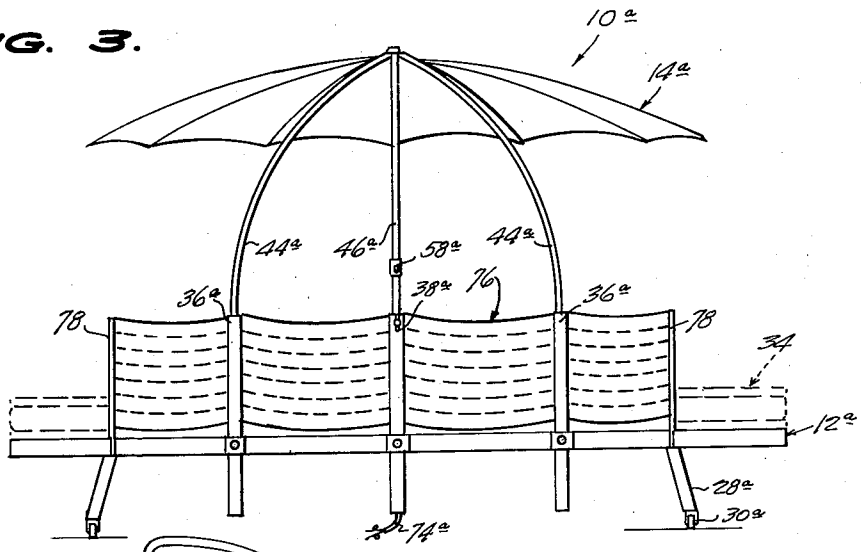



FIG. 4.

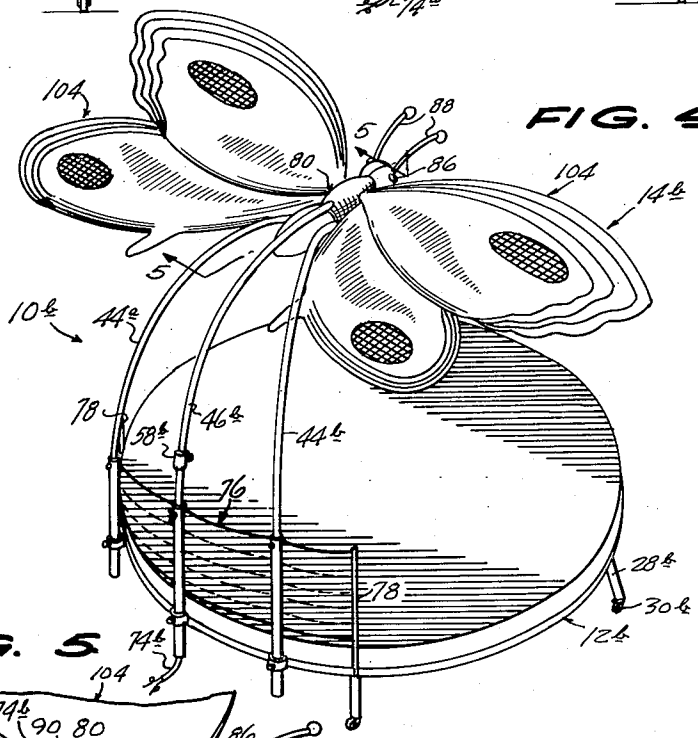
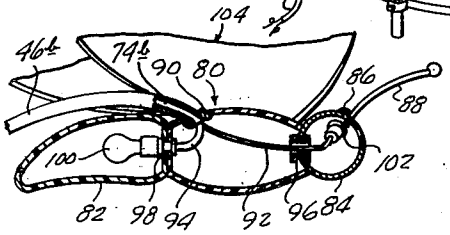



FIG. 5




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# CIRCULAR CANOPY BEDS

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5 Claims. (Cl. 5—362)

This invention relates to improvements in sleeping beds and canopies therefor, and more particularly to novel circular bed structures and electrically lighted decorative canopies therefor.

The primary object of the invention is to provide novelty canopied beds of the kind indicated which are especially attractive to and suitable for use by children, being conducive to overcoming objections to retiring at appointed hours, and being easier to enter and leave with less danger of injury or difficulty, and being formed to render handling of children with greater ease and facility.

Another object of the invention is to provide novel canopies, detachably mounted on beds of the character indicated above, which have hoods of either umbrella form, or of decorative frames, such as a butterfly, the hoods embodying electric lamps, either in the form of reading lamps or night lamps, or both.

A further object of the invention is to provide simple, rugged, and efficient devices of the character indicated above, which can be made in attractive and well-finished forms, at relatively low cost.

Other important objects and advantageous features of the invention will be apparent from the following description and the accompanying drawings, wherein, for purposes of illustration only, a specific form of the invention is set forth in detail.

In the drawings:

FIGURE 1 is a top plan view of a canopied bed of the invention, having an umbrella type canopy;

FIGURE 2 is a vertical central section taken through FIGURE 1, a mattress on the bed being shown in phantom lines;

FIGURE 3 is a rear elevation of a bed like that of FIGURES 1 and 2, provided with a headboard;

FIGURE 4 is a perspective view of the bed of FIGURE 3, having a butterfly canopy; and,

FIGURE 5 is an enlarged fragmentary vertical transverse section, taken on the line 5—5 of FIGURE 4.

Referring in detail to the drawings, wherein like and related numerals designate like and related parts throughout the several views, and first to FIGURES 1 and 2, the canopied bed therein shown, and generally designated **10**, comprises a circular bed frame **12**, and an umbrella type canopy **14**.

The bed frame **12** comprises a circular peripheral frame member **16**, preferably of angle iron, with its horizontal flange **18** uppermost and directed inwardly, as seen in FIGURE 2. Extending across the circular member **16** is a centered open rectangular brace member **20**, composed of straight angle irons **22**, secured together at their ends and to the vertical flange **24** of the circular member **16**, as indicated at **26**, and having depending flared legs **28** at the corners thereof, provided at their lower ends with floor-engaging casters **30**.

Extending chordally across the circular member **16**, at points inwardly of and parallel spaced from the brace angle irons **22**, are similarly resilient spring slats **32**, preferably four in number, which intersect and interengage within the brace member **20**, and which, with the brace member, form an open lattice for a circular mattress **34** laid thereupon.

At the head side of the bed frame **12**, and spaced circumferentially from each other therearound, in the space between two adjacent legs **28**, are a pair of outer vertical tubular canopy mounting sockets **36**, and therebetween a middle or central vertical tubular socket **38**. The sockets are mounted for vertical adjustment on the outward side of the vertical flange **24** of the circular member **16**, as by means of brackets **40** encircling the sockets and fixed on the flange **24**, with studs **42** traversing the brackets and bearing against the sockets.



Removably engaged in related ones of the sockets **36**, **36** and **38**, are the lower end portions of outer and middle canopy supporting rods **44**, **44** and **46**, respectively. The lower end portions, designated **48**, are relatively straight and erect or vertical, and the rods have laterally inwardly and downwardly curved intermediate portions **52**, which terminate in straight horizontal upper end portions **54**, which reach to and are positioned centrally over the bed frame **12**. These rods can be secured in related sockets by means of set screws **56**, at desired height adjustments. However, it has been found that only the middle rod **46**, need be thus secured in the middle socket **38**, as shown in FIGURE 3. A multiple switch **58** is mounted on the rod **46**, and normally spaced above the middle socket **38**, as shown in FIGURE 3, for controlling electric lamps in the canopy **14**.

As is apparent in FIGURES 1 and 3, the rods **44**, **44**, **46** converge upwardly, and the ends of its horizontal upper end portions **54** come together and are suitably secured together, centrally of the bed frame **12**, as by means of a hub **60**.

Secured centrally on the hub **60** is an umbrella frame **62**, composed of horizontally bowed, circumferentially spaced ribs **64**, onto which a preferably flexible umbrella cover **66** is suitably secured. The umbrella cover **66** may be of any desired suitable material and of any attractive decorative form.

Secured centrally on the hub **60**, beneath the umbrella frame **62**, is an electric bulb socket **68**, preferably of the two-way or three-way type, which is surrounded by a reflector **70** and a protective light diffuser **72**. The middle canopy supporting rod **46** and the hub **60** are preferably hollow, in order to enclose a lamp cord **74** which is led therethrough from the lamp socket **68**, and emerges from the lower end of the middle rod socket **38**, for connection to a current outlet (not shown), the switch **58** being connected in the cord **74**.

The form of the invention shown in FIGURE 3, and generally designated **10*a***, is the same in construction as that of FIGURES 1 and 2, except that an arcuate headboard **76** is added to the bed frame **12*a***, and extends along the head side of the bed frame. The headboard **76** comprises upstanding end rods **78** fixed to and rising from the bed frame circular member **16** to the height of the sockets **36**, **36**, **38** and spaced outwardly from the outer sockets **36**. Suitable decorative material, such as fabric or plastic sheet material, is strung between the sockets and the end rods **78** and secured thereto in suitable manner.

The form of the invention shown in FIGURE 5, and generally designated **10*b***, is the same in construction as that of FIGURE 4, except that the canopy member is in the form of a butterfly, in flight, instead of an umbrella.

The butterfly canopy **14*b*** comprises, as shown in FIGURE 5, a horizontal, elongated, hollow oval butterfly body **80**, of translucent material, which includes an elongated hollow oval rear body portion **82** and a hollow, bulbous or globular head portion **84**, having laterally spaced translucent eyes **86**. Spring antennae **88** project forwardly from the head portion **84** at opposite sides thereof. The upper part of the middle rod **46*b*** enters and is secured, as indicated at **90**, to the body portion **82** at the upper rear part thereof, and electric cords **92** and **94** lead through grommets **96** and **98**, respectively, into the head portion **84** and into the rear body portion **82**, respectively. An electric lamp **100** is mounted within

the rear body portion **82**, and individual electric lamps **102** are located within the eyes **86** and are supplied current by the cords **92** and **94**, respectively.

Secured to and extending laterally from the butterfly body **80**, at opposite sides thereof, are butterfly wings **104**, preferably of lace-work light-weight metal, closely simulating the structure of actual butterfly wings, and preferably matching the material of the headboard. As in the forms of FIGURES 1 and 2, and 3, a lamp cord **74***b* leads through the middle rod **46***b* to a multiple switch **58***b* mounted on the lower part of the middle rod.

While there have been shown and described herein preferred forms of the invention, it is to be understood that the invention is not necessarily confined thereto, and that any change or changes in the structure of and in the relative arrangements of components thereof are contemplated as being within the scope of the invention as defined by the claims appended hereto.

What is claimed is:

1. A canopy bed comprising a circular bed frame, floor-engaging legs depending from said frame, said frame having a circular peripheral frame member, vertical socket means fixed on the outer side of said peripheral member, and a canopy means comprising upstanding rod means having a vertical lower portion engaged in the socket means and a horizontal upper portion spaced above the bed frame and having a free end reaching to the center of the bed frame, and a circular canopy member mounted on the free end of said horizontal upper portion, said canopy means comprising an umbrella frame having a central hub secured to the horizontal portion and ribs radiating from the hub, and an electric dome light beneath and secured to said hub.

2. A canopy bed comprising a circular bed frame, floor-engaging legs depending from said frame, said frame having a circular peripheral frame member, vertical socket means fixed on the outer side of said peripheral member at one side of the frame, a canopy means comprising upstanding rod means having a vertical lower portion engaged in the socket means and a horizontal upper portion spaced above the bed frame and reaching inwardly to the center of the bed frame, and a canopy member mounted on said horizontal upper portion concentrically with respect to the bed frame, and an arcuate concentric headboard mounted on said peripheral frame member and extending around said one side of the frame and secured to said socket means.

3. A canopy bed comprising a circular bed frame, said frame having a circular peripheral member, a plurality of circumferentially spaced vertical sockets fixed to said peripheral member, a plurality of rods having lower portions severally engaged in the sockets, said rods having upper portions terminating in horizontal portions having radially inward ends, said horizontal portions being mutually convergent and secured together at their inward ends, said inward ends being aligned with the center of the bed frame, a canopy suspended on said inward ends, and a concentric arcuate headboard secured to said sockets.

4. A canopy bed comprising a circular bed frame, said frame having a circular peripheral member, a plurality of circumferentially spaced vertical sockets fixed to said peripheral member, a plurality of rods having lower portions severally engaged in the sockets, said rods having upper portions terminating in horizontal portions having radially inward ends, said horizontal portions being mutually convergent and secured together at their inward ends, said inward ends being aligned with the center of the bed frame, and a canopy suspended on said inward ends, said canopy being circular and suspended at its center from said inward ends.

5. A canopy bed comprising a circular bed frame, said frame having a circular peripheral member, a plurality of circumferentially spaced vertical sockets fixed to said peripheral member, a plurality of rods having lower portions everally engaged in the sockets, said rods having upper portions terminating in horizontal portions having radially inward ends, said horizontal portions being mutually convergent and secured together at their inward ends, said inward ends being aligned with the center of the bed frame, a concentric arcuate headboard secured to said sockets, and a canopy suspended on said inward ends, said canopy being non-circular and having wings extending laterally from said horizontal rod portions at their inward ends.

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