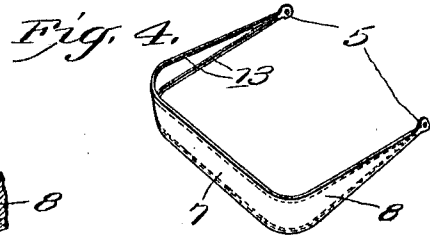
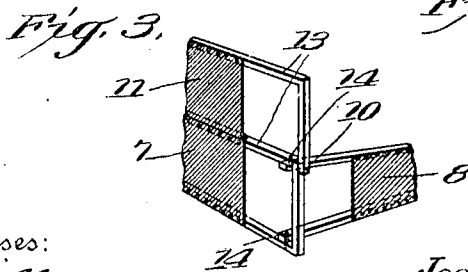
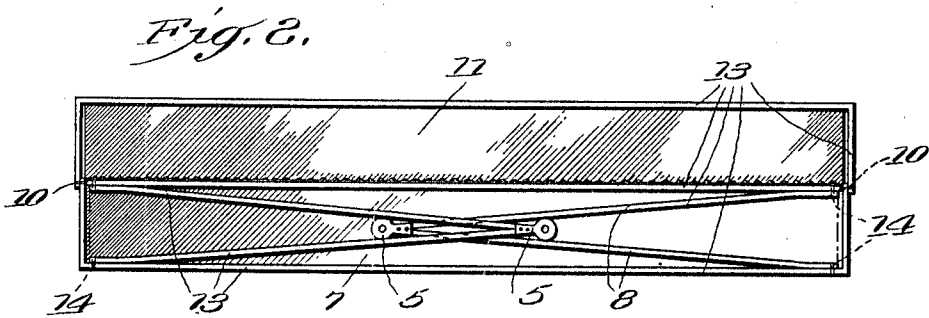
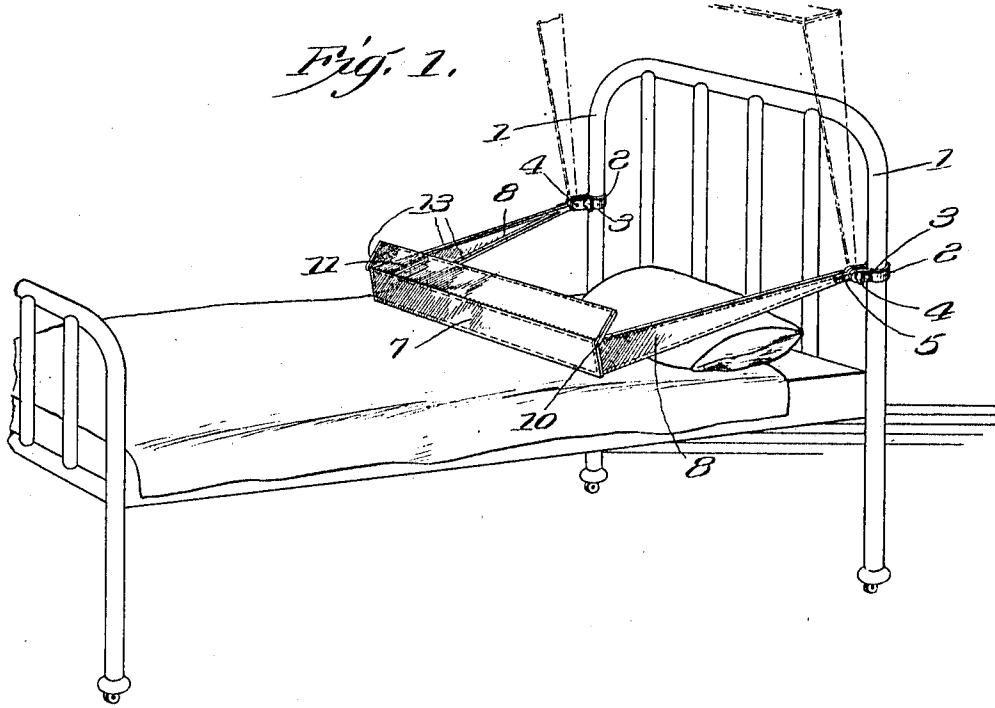


J. B. BEATTY.
 LIGHT SCREEN FOR BEDSTEADS.
 APPLICATION FILED OCT. 19, 1910.

984,342.

Patented Feb. 14, 1911.



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JEAN BURLINGAME BEATTY, OF NEW YORK, N. Y.

LIGHT-SCREEN FOR BEDSTEADS.

984,342.

Specification of Letters Patent.

Patented Feb. 14, 1911.

Application filed October 19, 1910. Serial No. 587,839.

To all whom it may concern:

Be it known that I, JEAN BURLINGAME BEATTY, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Light-Screens for Bedsteads, of which the following is a specification.

My invention relates to an adjustable shade, or light screen, as a new article of manufacture, to be applied to the heads of bedsteads and adapted easily to be swung down in front of the sleeper's face to intercept direct light or to be swung up out of the way in the day time and at other times when not in use. The details of construction of my device are also important.

As is well understood most people are easily wakened by the direct rays of light shining into the face as from a window, electric light, etc., whereas, if facing in the other direction away from the light, the fact that the room is rather brightly lighted is not objectionable. But, as houses are commonly built, it is generally difficult, if not impossible, to arrange the bed so as not to face the light, and therefore blinds, shades, screens etc. are commonly interposed to cut off such direct light; these are not only cumbersome and expensive, but have the great disadvantage of interfering with the access of fresh air. This objection is so great, that the blinds and shades are commonly left open at night, making it necessary for the sleeper to rise and close them when awakened by the early morning light, which effort is not only unpleasant in cold weather, but commonly results in such complete awakening that further sleep is impossible and valuable hours of sleep are lost.

The object I have in view is to produce a shade for the purpose indicated, which, first, shall effectually shield the face of the sleeper from the direct light without in the least interfering with the access of fresh air; second, the shade must be so arranged that it can be swung easily into and out of position even after the occupant has gone to bed, so that if desirable it can remain in elevated position as indicated by dotted lines in Fig. 1, during the night, but when the sleeper is awakened early he can, while only half awake, reach up almost instinctively and pull down the shade into the op-

erative position shown in full lines; third, the shade must be light in weight so as to be adjusted up and down easily, and then to remain in the adjusted position; fourth, the shade must be economical to manufacture and of a construction convenient to be applied to bedsteads.

My invention will be understood by reference to the drawing herewith in which the reference numerals of the description indicate the corresponding parts in all the figures.

Figure 1 is an isometric view showing my shade applied to an ordinary form of bedstead. Fig. 2 illustrates how a shade of desirable form may be folded compactly for transportation. Fig. 3 is a portion of Fig. 1 enlarged, better to illustrate the construction. To illustrate modifications in form, I have shown in Fig. 4 one desirable modified form of screen.

In the figures 1 1 indicates the head posts of the common form of brass, or iron, bedstead, to which are fitted the clamps 2 2 to be secured at any desirable height on the posts by suitable means such as thumb-screws 3 3. In the ends of the clamps are pivoted, preferably on a second pair of thumb-screws 4 4, the end-pieces 5 5 of the side arms. This screen proper may be desirably constructed of a light frame-work of wood, ratan, wire etc. covered with any suitable opaque or practically opaque material, such as dark green baize, and preferably consists as shown of the face-plate 7 carried on the side-arms 8 8, which are secured by rivets or other suitable means to the end-pieces 5 5. The end pieces may be of light pressed or cast metal or hard rubber or other suitable material.

The face-plate may be wider or narrower as desired, completely to cut off the light in the position desired, and, for the sake of convenience, there may be pivoted thereto on pivots 10 10 the supplementary flap 11 for the obvious purpose of increasing the width of the face-plate. In the face-plate, the supplementary flap and side-arms, the frame work made of light wooden strips or rods or of other suitable material is indicated by 13 13.

I have here indicated the side-arms formed of a light frame work covered with opaque material, but such material may be omitted

and the side arms otherwise modified in form as generally it will not be necessary to construct them so as to intercept light. As better indicated in the enlarged figures, the side-arms are each preferably secured to the face-plate by the pivots 14 14 on each side, so that, for purposes of packing and transportation as in the shop etc., the side-arms may be folded down within the frame of the face-plate as shown in Fig. 2, and the supplementary flap then folded over producing a long but a thin, narrow and compact package. Evidently the face-plate might be a simple sheet of any suitable material secured to the side arms in any suitable way.

My shade may be more or less varied in material, construction and arrangement without departing from the spirit of my invention and may be secured to the bed-stead by any other similar means. Evidently in case of a wooden bed-stead the clamps must be somewhat varied in form.

As indicated in the desired form of my device here illustrated, it would be more convenient to use two sets of thumb-screws or set-screws, the pair 3 3 being adapted to fix the clamp securely on the posts, while the pair 4 4 may be tightened sufficiently to maintain the shade (of the lightest possible weight) in any position in which it may be adjusted by the hand, and yet not tightened so much as to interfere with an easy adjustment.

While the application of my screen is practically universal, yet it may be mentioned that it has special utility in hospitals.

Having described my invention, I claim,

1. An adjustable light screen for bedsteads, consisting essentially of side-arms and a light intercepting face-plate on the rear ends of the arms, and of means to clamp the front ends of the arms to the head of the bed-stead with a light but sufficient pressure, permitting the plate and side-arms to be swung up and down and maintained in adjusted position.

2. In an adjustable light screen for bedsteads, the combination with side-arms, of means pivotally to secure the side arms by their front ends to a bed-stead and a light intercepting face-plate secured to the other ends of the arms.

3. In an adjustable light screen for bedsteads, the combination with suitable clamps to be secured to the bed-stead, one on each side, of side-arms pivotally secured by their front ends to the clamps, so as to be maintained in adjustable position, and rearwardly extending therefrom toward the foot of the bed-stead and a light-intercepting face-plate secured to the rear ends of the side arms.

4. In an adjustable light screen for bedsteads the combination with clamps fitted to grip the head posts of bedsteads, one on

each side, of thumb-screws fitted to said clamps to fix them firmly in position, a second pair of thumb-screws fitted to the rear ends of said clamps, side-arms pivotally secured to said clamps by the second thumb-screws, so that the side-arms may be adjusted up and down and maintained in adjusted position with a sufficient but yielding pressure, side arms fixed in said end pieces and rearwardly extending practically parallel and a light intercepting face-plate practically vertically arranged and connected to the rear ends of the side arms by pivotal connections.

5. In an adjustable light screen for bedsteads the combination with clamps fitted to grip the head posts of bedsteads, one on each side, side-arms connected to the clamps so that they will be maintained in adjusted position (higher or lower) with a sufficient but yielding pressure, said side-arms rearwardly extending practically parallel, and a face-plate practically vertically arranged and connected to the rear ends of the side arms by pivotal connections, said face-plate being formed of a frame work of light material, such as steel wire, covered by any suitable opaque material.

6. In an adjustable light screen for bedsteads the combination with clamps fitted to grip the head posts of bedsteads, one on each side, of thumb-screws fitted to said clamps to fix them firmly in position, end-pieces, means pivotally to connect the end-pieces to the clamps so that the end-pieces and their attached parts will be secured in adjusted position with a sufficient but yielding pressure, side-arms fixed in said end-pieces and rearwardly extending practically parallel, a face-plate practically vertically arranged and connected to the rear ends of the side arms by pivotal connections, and a supplementary flap hinged to the upper portion of the face-plate, said face-plate and flap being formed each of a frame work of light steel wire, covered by any suitable opaque cloth, substantially as described and shown.

7. In an adjustable light screen for bedsteads the combination with clamps fitted to grip the head-posts of bedsteads, one on each side, of thumb-screws fitted to said clamps to fix them firmly in position, a second pair of thumb-screws fitted to the rear ends of said clamps, metallic end pieces supported on the clamps by the second thumb-screws, so that the end pieces and their attached parts will be secured in adjusted position with a sufficient but yielding pressure, side arms fixed in said end pieces and rearwardly extending practically parallel, a face-plate practically vertically arranged and connected to the rear ends of the side arms by pivotal connections, and a supplementary

flap practically equal in length to the face-plate and hinged to the upper portion thereof, said face-plate and flap being formed each of a frame work of light material, such
5 as steel wire, covered by any suitable opaque cloth or material, substantially as described and shown.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JEAN BURLINGAME BEATTY.

Witnesses:

J. R. MILLWARD,

ALLAN W. FOOSE.