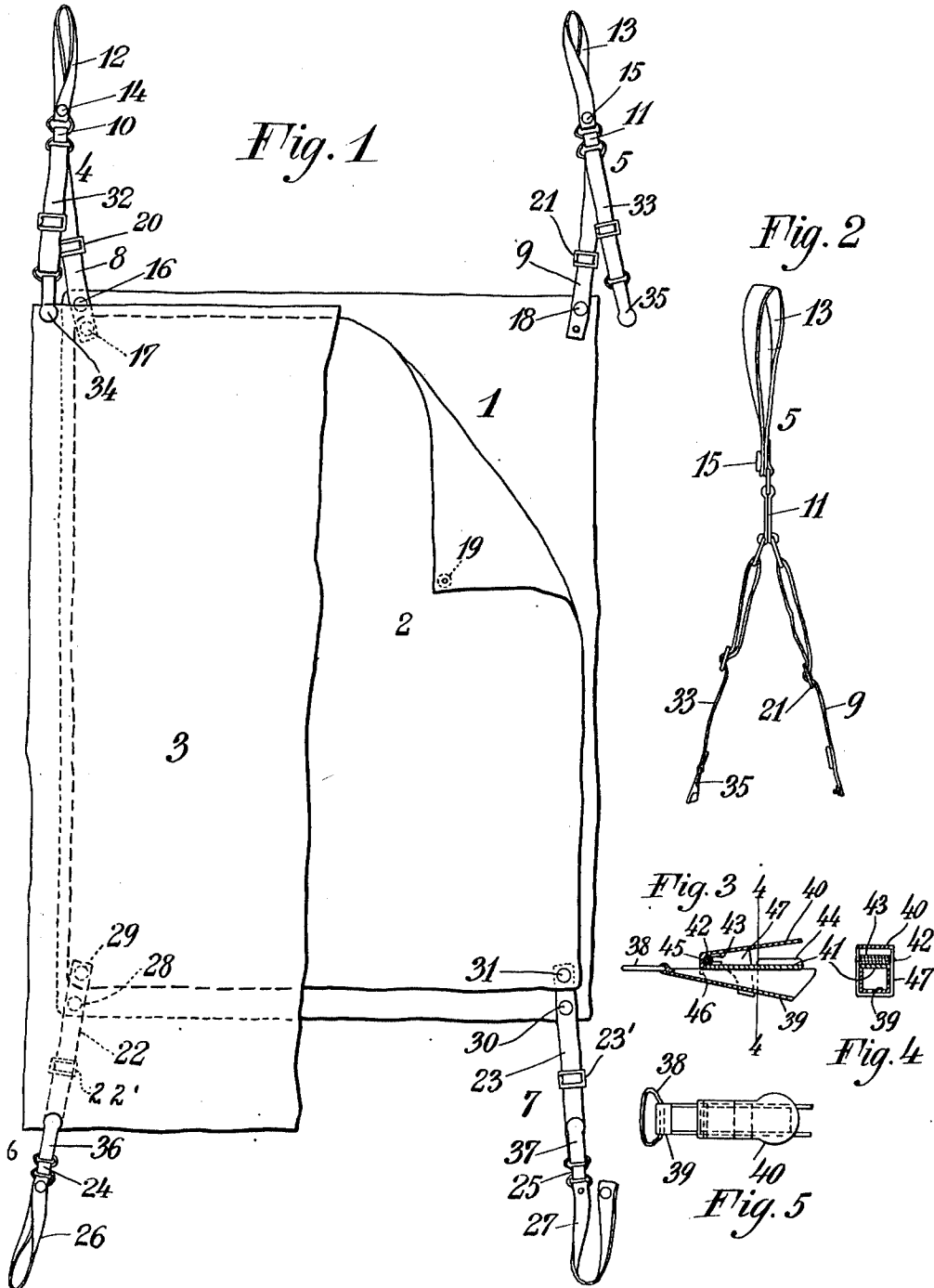


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BED COVERING.

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BED-COVERING.

1,061,259.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, ARTHUR E. BLOFIELD and JACOB J. LINK, a citizen of the United States and a subject of the Emperor of Russia, respectively, and residents of the borough of Manhattan, city, county, and State of New York, have invented certain new and useful Improvements in Bed-Coverings, of which the following is a specification.

Our invention relates to bed coverings, particularly those designed to cover infants in their cribs. Our objects are to provide improved means for this purpose which shall be sanitary, removable and interchangeable; in which the bed coverings immediately under the baby or occupant of the bed shall at all times lie smoothly and not be subject to derangement, shall be efficiently secured so as to at all times stay in place, and at the same time not unduly bind or restrict the movements of the sleeper.

According to our invention straps removably and adjustably secured to the four corners of the under covers and also the top cover or blanket run to loops encircling the four bed posts or other fixed parts of the bedstead, the straps and connections being in effect unitary structures which are secured and adjusted with great facility under all conditions. The straps securing the under coverings in position at the foot of the bed are flexible and elastic as well as adjustable, while those at the head of the bed are preferably non-elastic, so that the under coverings may be smoothly adjusted and retained in position, while at the same time they will not be displaced downwardly and doubled over or wrinkled by the movement of the child or person getting into bed, as they might be if the connections at the upper end were elastic. The straps securing the upper end of the blanket or top covering to the head of the bed are preferably elastic, so that the turning or other movements of the occupant of the bed shall not be restricted.

Our invention also comprises an improved clasp, which we preferably use for securing the edges of the blanket or top covering, but which may advantageously be used in other connections.

Accordingly our invention comprises the above objects, and also the provision of parts and combinations of elements necessary or desirable in the carrying out of the same, as will be more fully described hereinafter and particularly pointed out in the appended claims.

Attention is hereby directed to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a top plan view of 60 bed coverings and attachments, forming a preferred form of our invention, certain parts being shown as broken away; Fig. 2 represents in perspective one of the connecting straps for securing one corner of 65 both the under and upper covers to a bed post; Fig. 3 represents a longitudinal section, enlarged, of our improved clasp; Fig. 4 is a cross section taken on line 4—4 of Fig. 3, and Fig. 5 is a top plan view of the 70 clasp shown in Fig. 3.

Referring to the drawings, the reference character 1 represents the sheet of material designed to be placed next the mattress. In the case of coverings for a baby's crib this 75 should be of rubber or water-proof material. Immediately above this is placed the quilt or cover 2, preferably a thick absorbent mat, which can be readily replaced and washed. The person or infant lies upon sheets or 80 covers 1 and 2 and is covered by blanket or cover 3, shown broken away in Fig. 1.

In the preferred form of our invention, the under covers 1 and 2 and the top cover 3 are held in place by straps or connections 85 at the four corners thereof represented as a whole by the reference characters 4, 5, 6 and 7. The straps 4 and 5 at the head end of the bed comprise non-elastic strips or bands 8 and 9 which may be secured to the upper 90 corners of the under covers 1 and 2 and which are connected by buckles 10 and 11 to the strips or bands 12 and 13, which are also non-elastic and are intended to be fastened around the posts of the bed or crib. 95 The free ends of the bands 12 and 13 may be secured to the lower ends of the same after they have been passed around the bed posts by means of fastenings 14 and 15, which preferably are buttons or fastening 100 means similar to those used in gloves, which are secured by merely being pressed together. The lower end of each strap 8 and 9 is adapted to be secured to the upper surface of cover 1 and the lower surface of 105 cover 2, at the corners thereof, by means of fastenings 16, 17, and 18, 19, which preferably also are similar to those used on gloves. Straps 8 and 9 may also have means for 110 adjusting the length thereof, such as buckles 20 and 21, if desired.

The lower corners of covers 1 and 2 are

secured to the bed posts at the foot by connections similar to those just described comprising straps 22, 23, buckles 24, 25 and loops 26, 27, for encircling the bed posts.

5 Straps 22, 23 are buttoned or fastened to the lower corners of covers 1 and 2 in the same manner that straps 8 and 9 are secured to the upper corners. Straps 22, 23, however, should be of elastic material, although
10 the loops 26, 27 preferably are of non-elastic material, and buckles for adjusting the length should be provided on straps 22, 23, the buckles being shown at 22', 23'.

It will be evident that the under covers
15 1 and 2 can readily be removed and replaced and adjusted in position to lie taut and smooth upon the mattress, the proper tension being secured by the elastic straps at the foot of the same. Since the connections
20 8 and 9 at the head end are not elastic, the bed coverings 1 and 2 will not be displaced or wrinkled or forced downwardly when the infant or person gets into bed. Since the straps 22 and 23 are elastic between the
25 fastening devices for the same, 28, 29, 30 and 31, which hold the straps to the coverings 1 and 2, it will be evident that the shrinkage of the cover or quilt 2 in washing will not affect the tautness of the under coverings when positioned.

The under covers are held down upon the mattress by the weight of the infant and also, if desired, by the bolster which can be placed
35 above straps 8 and 9. The top cover or blanket 3 which is to cover the infant is secured in position at the head end by straps 32 and 33, which are secured at their outer ends to buckles 10 and 11, and which carry
40 at their inner ends clasps 34 and 35 which clamp the corners of the blanket. These straps preferably are provided with buckles for adjusting their length. At the bottom the blanket 3 is considerably longer than the under covers, as shown, so that it can
45 be tucked in. No straps similar to 32 and 33 are necessary at the foot end, but clasps 36, 37, similar to clasps 34 and 35, at the head end, are used, these clasps each clamping a corner or fold of the blanket and being
50 fastened directly to buckles 24 and 25. This furnishes a very simple securing means for the foot end of the blanket, as the clasps can be readily clamped to the blanket, and the wire loops at the ends of the clasps
55 slipped over the buckles 24, 25. There is no need of an elastic connection for the blanket at the foot end of the bed. The straps 32, 33, at the head end of the bed are made of elastic material so that the infant
60 will not be unduly bound or restricted in its movements but that, on the contrary, the blanket 3 will be at all times elastically held above him to prevent his becoming exposed or possibly falling from the bed. It should
65 be noted that since the connections for the

top covering 3 extend to the same loops 12, 13, etc., around the bed posts, to which the connections 8, 9, etc., are fastened, the blanket 3 cannot easily rise up out of covering
70 position, the loops 12, 13, etc., being held from rising upon the bed posts by the weight of the person on the lower covers, and also by the bolster being placed across the straps 8 and 9.

The clasps 34, 35, etc., by which the straps
75 32, 33 and the buckles 24, 25, are secured to the corners of the blanket 3, may be of any suitable character. They are, however, preferably a clasp devised by us and which constitutes a portion of our invention, the
80 details thereof being shown in Figs. 3 to 5. Referring to these figures, the end of the strap 32, for example, or the buckle 24, is secured by means of a metallic loop 38 to the smaller end of a wedge shaped member
85 39 preferably formed of pressed metal. The clamping jaws 40 and 41 in the preferred form of clasp are pivotally mounted upon the pin 42 surrounding which is the
90 spiral spring 43, the two ends of which press the jaws 40 and 41, into open position. The lower jaw preferably carries a pad 44 of rubber or other similar material between which and the end of the jaw 40 the material to be clasped is pressed.

The jaws 40 and 41 are mounted, as shown in the drawings, to slide upon one face of the wedge shaped member 39, the tail end of jaw 40 preferably being provided with
100 a portion 45 bent substantially at right angles to the jaw and bearing upon the surface of the wedge, this extension 45 having lugs 46 bearing on the two sides of the wedge member. The upper jaw 40 has an
105 extension or stirrup 47 extending downwardly from its two sides and extending around the bottom of wedge member 39, where its two ends are secured together. The length of the side of the stirrup is so
110 chosen in relation to the thickness of the wedge member 39 that the jaws of the clasp are in open position when the stirrup 47 is at the smaller end of the wedge and the jaws are gradually closed by the movement of the
115 wedge through the stirrup so that when the stirrup has reached such a position that the clamping ends of the jaws are directly over the large end of the wedge member 39, the jaws will be entirely closed. It should be
120 noted that wedge member 39 constitutes the operative member of the clasp, the strap 32 or other connection through which a pull may be imparted, being connected to the small end of the wedge so that the greater
125 the pull upon the small end of the wedge, the more firmly will the jaws grip the material to be held. It also should be noted that when the jaws are in closed position, they are directly over the large end of the wedge which furnishes a rigid support for
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the same. The wedge member 39 is preferably formed of metal bent into U shape in cross section, as shown in Fig. 4.

It will be understood that while we have particularly described, for purpose of illustration, the preferred form of our invention, the invention is not limited thereto, but is as broad as is indicated by the following claims.

Having now described our invention, what we claim as new and desire to protect by Letters Patent is:

1. In bed coverings, the combination of a cover adapted to be lain upon, a separate cover adapted to cover the occupant of the bed, straps adapted to encircle the bed posts at both head and foot, a connection from each strap removably secured to the adjacent corner of said lower cover and a connection from each strap adapted to be secured to the corners of said upper cover, substantially as described.

2. In bed coverings, the combination of an under cover, adapted to be lain upon, and an upper cover, adapted to cover the occupant, means for securing the same to the bed at the foot thereof, straps adapted to encircle the bed posts at the head end and connections from said straps to the upper ends of both said under and upper covers, the said connections to said under cover being non-elastic and said connections to said upper cover being elastic, substantially as described.

3. In bed coverings, the combination of an under cover, adapted to be lain upon, and an upper cover independent thereof, adapted to cover the occupant, means for securing the same to both of the bed posts at the same point on each post in such manner as to hold the under cover flat and the upper cover yieldingly in position, regardless of the movements of the occupant of the bed, the said securing means comprising elastic connections for the foot of said under cover and the head of said upper cover, respectively, substantially as described.

4. In bed coverings, the combination of an upper cover, an under cover, adapted to be lain upon, adjustable elastic means for securing the lower corners thereof to the foot of the bedstead and non-elastic means for securing the upper corners thereof to the head of the bedstead, and adjustable means for securing said upper cover to the bedstead, connected to said securing means for the head and foot of said under cover, substantially as described.

5. In bed coverings, the combination of a pair of separate under covers both adapted to be lain upon, and means for removably securing both of the same to the bed adapt-

ed to hold both of the same flat and unwrinkled regardless of the movements of the occupant of the bed, comprising straps secured to the adjacent upper corners of both covers, and adapted to be secured to the head of the bed, and a pair of elastic straps each removably secured to the adjacent lower corners of both covers, and adapted to be secured to the foot of the bed, substantially as described.

6. In bed coverings, a pair of covers adapted to be lain upon, fastening means adjacent the four corners of each, four straps, each having coacting fastening means, each secured thereby to one corner of both covers, said straps being adapted to secure said covers to the four corners of the bedstead, and the portions of the pair of said straps at one end situated between the fastening means for the two covers, being flexible, substantially as described.

7. In bed coverings, the combination of a pair of covers adapted to be lain upon, an upper cover, circlets adapted to extend around the bed posts at the head and foot, a connection from each circlet removably secured to the adjacent corner of both lower covers, and a connection from each circlet adapted to be secured to the corners of said upper cover, substantially as described.

8. In bed coverings, the combination of a pair of covers adapted to be lain upon, an upper cover, circlets adapted to extend around the bed posts at the head and foot, a connection from each circlet removably secured to the adjacent corner of both lower covers, and a connection from each circlet adapted to be secured to the corners of said upper cover, the connections to the lower covers being elastic at the foot end and non-elastic at the head end, and the connections to the upper cover being elastic at the head end, substantially as described.

9. In bed covers, the combination of under and upper covers and means for securing the same in position comprising connections removably secured to the lower cover, straps, and adjustable clasps secured to said straps and removably secured to said upper cover, said clasps being adapted to be attached to covers of different thicknesses and said connections and straps being adapted to be secured to the bed posts, substantially as described.

This specification signed and witnessed this 17th day of April, 1912.

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