No. 796,722. PATENTED AUG. 8, 1905.

C. A. HERMANN.

COVER FOR BOX SPRING BEDS AND MATTRESSES.

APPLICATION FILED SEPT. 16, 1904.

Fig. 1.

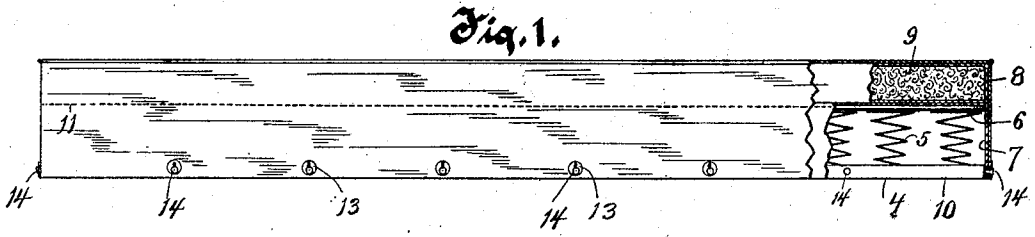


Fig. 2.

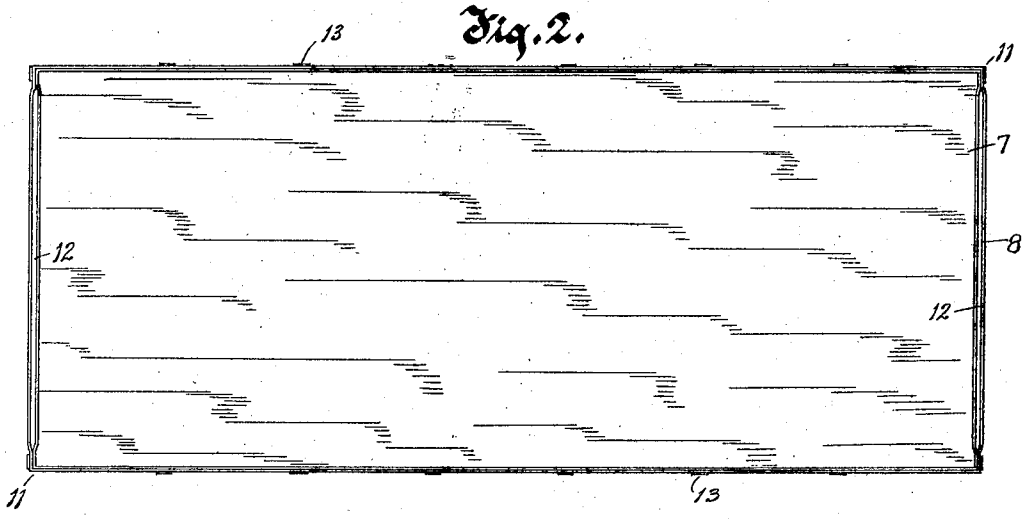
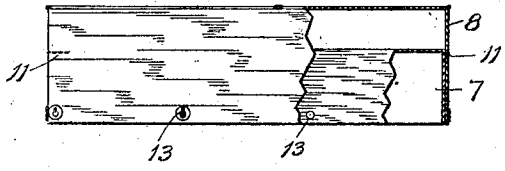


Fig. 3.



Witnesses.
C. H. Kinney.
Anna F. Schmidtbauer

Inventor.
Charles A. Hermann
By Benedict & Morsell
Attorneys.

ANDREW. B. GRAHAM CO., PHOTO-LITHOGRAPHERS, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

CHARLES A. HERMANN, OF MILWAUKEE, WISCONSIN.

COVER FOR BOX SPRING-BEDS AND MATTRESSES.

No. 796,722. Specification of Letters Patent. Patented Aug. 8, 1905.

Application filed September 16, 1904. Serial No. 224,647.

To all whom it may concern:

Be it known that I, CHARLES A. HERMANN, residing in Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented new and useful Improvements in Covers for Box Spring-Beds and Mattresses, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

My invention relates to an improved cover for a box spring-bed and mattress.

The chief objects of my invention are to provide a cover that may be easily and economically made, that is strong and durable, that is adapted to secure and hold the mattress in place and in form on the bed-springs, and above all of such construction and so arranged that the cover and the mattress may be readily removed from the bed-springs and that the mattress can be readily removed from the cover, so that not only the bed-springs and their frame can be readily cleaned, but also so that the cover itself may be washed or otherwise thoroughly cleaned and the mattress renovated.

The invention consists of the improved cover and combinations, as herein described and claimed, or the equivalents thereof.

In the drawings, Figure 1 is an elevation at one side of a box spring-bed and a mattress thereon with my improved cover in which the mattress is placed, and which mattress and cover are on and over the spring-bed, parts being broken away to exhibit interior construction. Fig. 2 is a view of my improved cover from the under side. Fig. 3 is a side elevation of my improved cover, which is shown on a small scale, parts being broken away to exhibit interior construction.

In the drawings, 4 indicates the bottom frame of the spring-bed. The coiled wire springs 5 are supported on the bottom frame and at the top are held in position relative to each other by any convenient means and are advisably provided with a border-rod 6, secured to the several wire springs that are around the margin of the bed, the rod being secured to the outer edge of each marginal spring at the top, so that this rod forms a border stiff frame about the spring-bed at the top thereof. This top border rod or frame may be advantageously made of ratan or any light and strong cane. Box spring-beds in which there is such a bottom frame with spiral springs thereon and a stiff peripheral border or top frame are in common use.

My improved cover is advisably made of heavy strong cloth and is in a general way made up of two box-like pockets, the inner one of which is advisably made of especially strong material. The inner box-like pocket 7 is of the same elongated parallelogram form as the spring-bed and is made of such size as just to fit over the top frame and springs and on and about the lower frame 4 of the spring-bed. The outer or exterior pocket 8 of my improved cover is of the same elongated parallelogram form as the interior pocket and the spring-bed and is only so much larger in size as just to fit over and about the mattress and the interior box-like pocket 7, and at one side, which is the bottom as the pocket is used, both these pockets are open. The exterior pocket is of such height or depth of pocket as to be equal to the thickness of the mattress 9 and the thickness or height of the spring-bed 10. The inner pocket 7 being only of such depth or height as equals the height of the spring-bed is placed inside of the exterior pocket to such extent that the bottom edges of both pockets are flush with each other, and the end of the interior pocket is at such distance from the end of the exterior pocket as equals the thickness of the mattress 9, so that there is thus formed between the top of the pocket 7 and the top of the exterior pocket 8 a space or chamber of the same thickness as that of the mattress. The interior pocket is sewed to the exterior one, at least at the corners at 11 11, and advisably the inner pocket is sewed to the exterior pocket along the entire sides of the pockets, the sewing being at a line along the end or top of the interior pocket and along a line on the sides of the exterior pocket that is at a distance from the top of the pocket equal to the thickness of the mattress. At the ends the two pockets are not secured to each other except at near the corners, so that an opening is provided at the ends of the cover between the two pockets into the mattress space or chamber, as shown at 12 12, especially, in Fig. 2. For securing the cover to the spring-bed frame a series of buttonholes 13 may be provided, by which means the cover is buttoned onto stud-buttons 14, fixed in the outer sur-

face of the bottom frame 4. By this means or in any equivalent manner the cover may be secured detachably to the spring-bed.

It will be understood that the structure is such that the mattress 9 may be readily inserted in its space or chamber above the interior pocket and under the end of the exterior pocket by pushing it in through the aperture 12 at either end of the cover and that when the mattress has been thus put in place in the cover the mattress and cover can be placed on the spring-bed, and the sides of the cover, including the sides of both the pockets, can be drawn down over the spring-bed and can be secured thereto around the bottom thereof by means of the buttons 14 and buttonholes 13 in the cover and through the sides of both the pockets. When thus in place on the spring-bed, the mattress will be held securely in position thereon and also firmly in form, being thus held by the walls of the exterior pocket which inclose it and strengthen and aid the cover of the mattress itself in holding the mattress in form and position, and also will be still further held by the cross-tie action of the top of the interior pocket, which is sewed to the exterior pocket, and also aids in holding the mattress in form and in place on the spring-bed. Besides this the end or top of the interior mattress being of firm strong material prevents the top ends of the springs from forcing themselves into and becoming embedded in the bottom of the mattress. Then because of this construction the cover can be readily released and removed from the spring-bed, so that the spring-bed can be readily and thoroughly cleaned, and when the cover and mattress are thus removed from the spring-bed the mattress can also be easily withdrawn from the cover through the aperture at the end of the cover between the two pockets, so that the mattress itself can be cleaned and renovated and the cover can be conveniently washed or otherwise cleaned.

What I claim as my invention is—

1. A spring-bed and mattress cover, comprising a double box-like pocket structure of flexible material and of spring-bed size and form, the inner box-like pocket being of less height than the exterior pocket and so secured thereto as to provide a space or chamber between the top of the exterior pocket and the top of the interior pocket adapted to receive a mattress therein, and to provide double walls below the mattress-chamber about the spring-bed both pockets having means to secure them at the bottom of the spring-bed frame to said frame.

2. A spring-bed and mattress cover, comprising a double box-like pocket structure of flexible material and of spring-bed size and form, the inner box-like pocket being of less height than the exterior pocket and so secured thereto as to provide a space or chamber between the top of the exterior pocket and the top of the interior pocket adapted to receive a mattress therein and to provide an aperture between the walls of the pockets for inserting and removing the mattress from the mattress-chamber, the walls of the two pockets below the mattress being adapted to fit to each other and both to fit over a spring-bed frame, and means for securing the walls of both pockets at their lower edges to the spring-bed frame.

3. A spring-bed and mattress cover, comprising two box-like pockets of flexible material and of spring-bed form, one pocket being of less height than and fitting in the other pocket, but so as to leave a space between the ends of the pockets adapted to receive a mattress therein, the small pocket being sewed at its inner end to the larger pocket at a distance from its end or top equal to the thickness of the mattress thereby forming a mattress-chamber between the ends of the pockets and so as to leave an aperture or passage between the walls of the outer and the inner pockets for inserting and removing the mattress from the chamber.

4. In combination, a box spring-bed, an integral cover of flexible material of a size and form to fit removably over and about the sides and ends of the bed, the cover being provided with a chamber above the spring-bed for the reception of a mattress therein, a mattress in the cover above and out of contact with the spring-bed, and provision for passing the mattress into and removing it from the chamber through a passage into the chamber that in the completed structure is open downwardly so that the top and lateral sides of the chamber are without exterior opening.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES A. HERMANN.

Witnesses:

C. T. BENEDICT,

ANNA F. SCHMIDTBAUER.