Nov. 7, 1939. L. COHEN, JR 2,179,175

MATTRESS COVER

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Fig. 1.

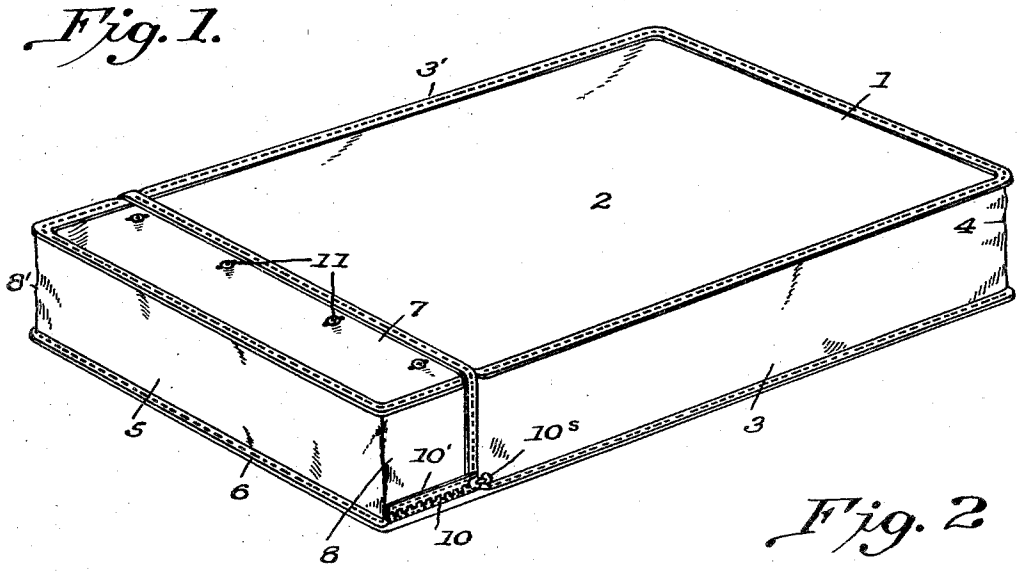


Fig. 2

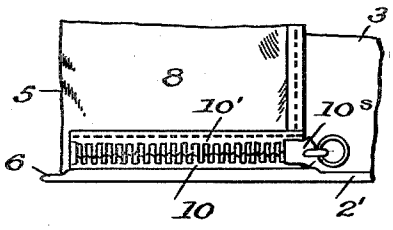
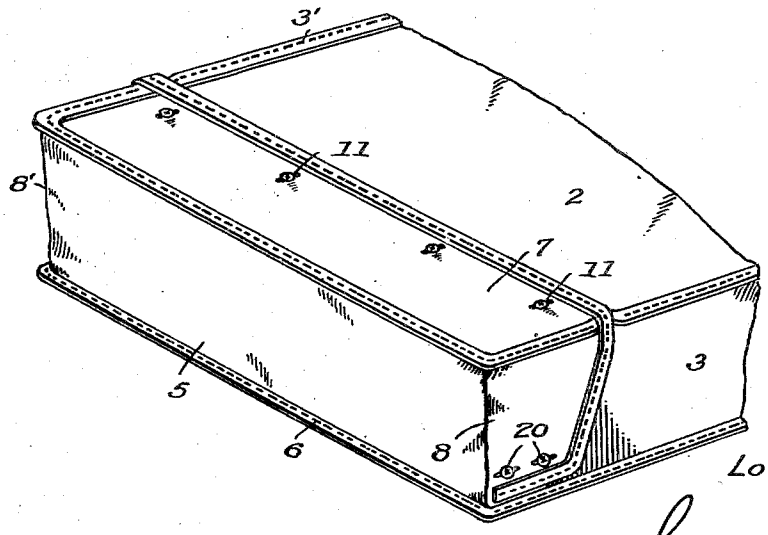


Fig. 3.



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Fig. 4.

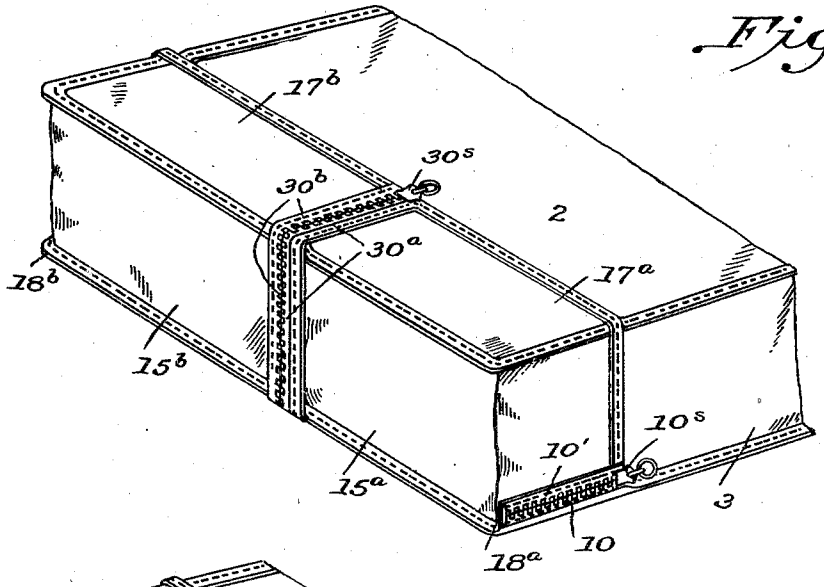


Fig. 5.

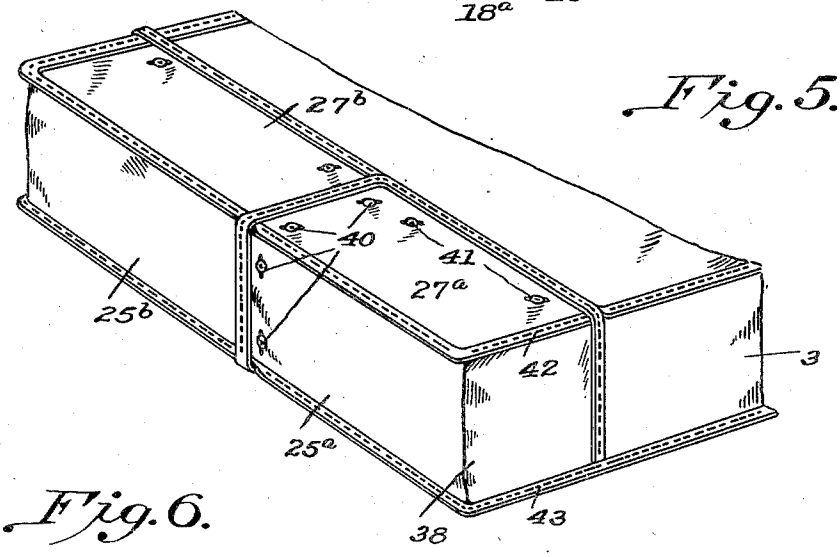
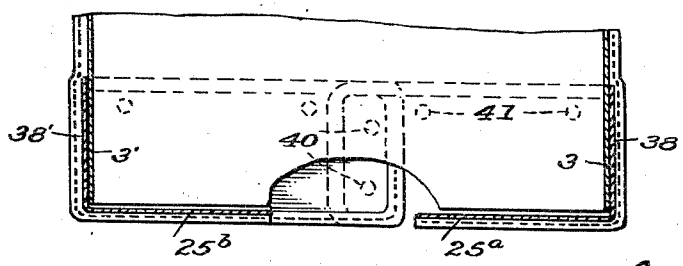


Fig. 6.



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2,179,175

UNITED STATES PATENT OFFICE

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MATTRESS COVER

Louis Cohen, Jr., Pittsburgh, Pa.

Application December 28, 1936, Serial No. 117,993

8 Claims. (Cl. 5—354)

This invention relates to an improved cover for mattresses and analogous articles.

It is the object of the invention to provide a mattress cover, preferably of textile material, which will protect the mattress covered thereby from dust and soiling. The mattress, according to the present invention, carries forward the improvements to a mattress which are set forth in my copending application, Serial No. 30,681 filed July 10, 1935, of which the present application may be considered a continuation-in-part, which application has matured into Patent No. 2,066,252, December 29, 1936.

It is the object of the present invention to provide a mattress cover composed of a main casing and a closure therefor which is so connected to the main casing that it may be swung away therefrom in the course of mounting of the cover on a mattress in order to present the least possible hindrance to the operation of slipping the cover onto the mattress and which at the conclusion of the mounting operation may be arranged to fit snugly over the opening of the cover so that an effective seal against the entry of dust to the mattress is obtained.

In one form of the present invention which makes use of hooded portions of smaller extent than the complete hood, an opportunity is had of using pieces of material which otherwise might go to waste, thereby resulting in a distinct economy in manufacture.

Further objects and purposes will appear from a more detailed description of the invention following hereinafter, taken in conjunction with the accompanying drawings wherein:

Fig. 1 is a perspective view of my improved mattress cover with the mattress in a fully covered position,

Fig. 2 is a front elevation of the left end of the mattress cover shown in Fig. 1,

Fig. 3 is a perspective view of a different embodiment of the invention from that illustrated in Fig. 1, illustrating a different form of fastening means,

Fig. 4 is a perspective view of a portion of another embodiment of a mattress cover making use of two component parts in the formation of the hooded closure,

Fig. 5 is a view similar to Fig. 4 showing different forms of fastening means for the various parts of the assembly, and

Fig. 6 is a rectangular, longitudinal sectional view of the mattress cover shown in Fig. 5.

In Fig. 1 is shown a cover formed by a casing or bag-like portion 1 which is designed to inclose a mattress or box spring body to exclude dust therefrom. This casing is composed of two lateral walls 3 and 3', end wall 4, and top and bottom walls 2 and 2', all of substantially rectangular contour. The lateral faces 3 and 3' and the top and bottom faces 2 and 2' extend for substantially the complete extent of the mattress body to be covered (Fig. 5) and define an opening at the left and which is adapted to be covered by a hooded closure 5. The relationship of the casing and the closure with respect to the mattress walls may be varied in any desired manner and it is within the contemplation of the present invention to apply the hooded closure upon the lateral face of the mattress rather than upon the end thereof.

The hooded closure 5 formed by an end wall with side walls 8 and 8' and top wall 7 attached thereto is connected to the edge of the lower face 2' and is designed to be swung about that edge in the course of executing the covering and uncovering operations of the mattress. A slide fastener tape 10 is attached to each edge of the casing on the lower side 2' of the cover adjacent the connecting line 6 between the casing and hood. A cooperating slide fastener tape 10' is attached to each side wall 8 and 8' at the bottom boundary thereof and is designed to be interengaged with the slide fastener tape 10 by the movement of a conventional zipper slide 10s. Figs. 1 and 2 illustrate the slide fastener elements in engaging position. When it is desired to remove the mattress cover, a movement of the slide 10s to the left will serve to disengage the elements 10 and 10' and thereby permit the closure 5 to be swung about the line of attachment 6 so that it offers no hindrance whatever to the removal of the cover from the mattress.

In the embodiment illustrated in Fig. 3 cooperating buttons and button holes 20 are shown in lieu of the slide fastener elements. Any other fastening means known in the art such as snap fasteners, hooks and eyes, and the like may be availed of.

In both of the embodiments represented above, supplemental fastening means 11 in the form of buttons and button holes may be provided in order to assure the maintenance of the hooded closure in position. However, the full benefit of the present invention may be realized without resorting to this expedient.

In the embodiments illustrated in Figs. 4 to 6, provision is made for removing the hooded closure from the field of operation in the course of mounting and dismounting the mattress cover

to a greater degree than that illustrated in the embodiments described above. In Fig. 4, the hooded closure is formed of two parts, 15*a* and 15*b*, each of which may be fixed to the casing at a single point only, namely 18*a* and 18*b*, respectively. Slidefastener tapes 30*a* and 30*b* extending around the top, end, and bottom faces of the hood make possible the engagement of the two hooded portions at their several meeting edges to obtain a unitary hooded closure as shown in Fig. 4. In this conditioning of the parts, the slide fastener elements 10 and 10' are also interengaged by means of the slide 10*s*. The operation of the slide 30*s* from the position shown in Fig. 4 to its limiting position upon the bottom side of the hood makes possible a complete separation of the hood portions 15*a* and 15*b*, and the operation of the slide 10*s* to the left accomplishes a nearly complete severance of the hooded closure from the casing, an attachment being had only at the points 18*a* and 18*b*.

In the modification illustrated in Figs. 5 and 6, fastening means 40 in the form of buttons or snap fasteners, serve to unite the hood portions 25*a* and 25*b*, having the top and bottom faces 27*a* and 27*b* which overlap the extremities of the main casing as shown in Fig. 5. In this embodiment, stitching may be provided at one or both of the edges 42 and 43 to thereby attach the side walls 38 and 38' to the casing walls 3 and 3' respectively. Although according to this construction the movement of the hood portions is more restricted than that rendered possible with the design shown in Fig. 4, the full benefits of the invention may be realized thereby. In both embodiments, supplemental fastening means 41 may be provided to maintain the parts in place.

The edges of the cover are shown in distinct outline for the purpose of illustration only. They may be continuous, stitched, plain or bound with tape. Each of the walls may form continuations of the adjacent ones or the several parts may be sewn together in any manner desired in order to obtain a configuration as shown herein.

Although I have shown and described several preferred embodiments of my invention, changes may be made therein by those skilled in the art without departing from the spirit of the invention as defined in the appended claims.

What I claim is:

1. A mattress cover comprising a bag-like portion open at one end and a closure for said end, said closure being hinged at one edge thereof to one side of the cover and having a depending portion adapted to embrace snugly the other three sides of the cover, the side walls formed by said depending portion being attached adjacent the aforementioned cover side with separable fastening means extending substantially from said edge.

2. A cover for a mattress and analogous articles formed by a mantle of flexible material open at one end, and a closure for said end attached at one edge thereof to one side of the mantle and having a depending portion adapted to embrace snugly the other three sides of the mantle, the side walls formed by said depending portion being attached adjacent the aforementioned mantle side by means of slide fasteners extending from the opposite ends of said edge and selectively effecting an engagement between said side walls and the corresponding sides of said mantle along said first-mentioned side thereof.

3. A mattress cover comprising a casing open at one end and a hooded closure for said end, said closure being attached at one edge thereof to one side of the casing and having a depending portion adapted to embrace snugly the other three sides of the casing along lines extending substantially from the opposite ends of said edge on opposite sides of said casing, and separable fastening means between the side walls of the hooded closure and the casing adjacent said first-mentioned side of the casing.

4. A mattress cover as defined in claim 3 wherein said last-mentioned fastening means comprises buttons and buttonholes.

5. A cover for a mattress or analogous articles formed by a casing of flexible material having an end wall of substantially rectangular outline and four lateral walls of substantially rectangular outline extending therefrom, said four lateral walls defining an opening at the end of said casing opposite said end wall and corresponding thereto; and a closure for said opening fixedly attached to one of said lateral walls adjacent said opening and separably connected to the adjacent edges of said one lateral wall, said closure having an end wall for covering said opening extending from said first-mentioned edge, a lateral wing extending transversely from each extremity of said end wall and fitted with fastening means cooperable with complemental fastening means on the casing to effect the above-mentioned separable connections between the closure and casing, and an additional wing extending between said lateral wings and also connected with said end wall, said wings adapted to overlap the extremities of the remaining three lateral walls.

6. A mattress cover comprising a casing open at one end and a hooded closure for said end, said closure comprising an end wall, points of attachment thereof at opposite sides of said casing and a depending portion comprising side walls extending from said end wall adapted to embrace snugly the sides of the casing, and separable fastening means between the side walls of the hooded closure and the casing extending along the sides of said casing from said points of attachment.

7. A mattress cover comprising a casing open at one end and a hooded closure for said end, said closure comprising two complementary readily separable sections forming an end wall and a portion comprising side walls extending from said end wall adapted to embrace snugly the sides of said casing, said sections being fixedly attached to said casing at least at points on the opposite sides thereof, and separable fastening means between the side walls of the sections and the casing extending along the sides of said casing from the fixed points of attachment.

8. A cover for a mattress and analogous articles formed by a mantle of flexible material open at one end, a closure for said mantle at said end, said closure comprising an end wall attached to said mantle at spaced points at opposite sides of said mantle and a portion comprising side walls extending from said end wall adapted to embrace snugly the sides of the mantle, said end wall and portion being formed by two complementary readily separable sections, and separable fastening means between the side walls of the closure and the mantle extending along the sides thereof from the points of attachment of said closure to said mantle.

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