

No. 684,276.

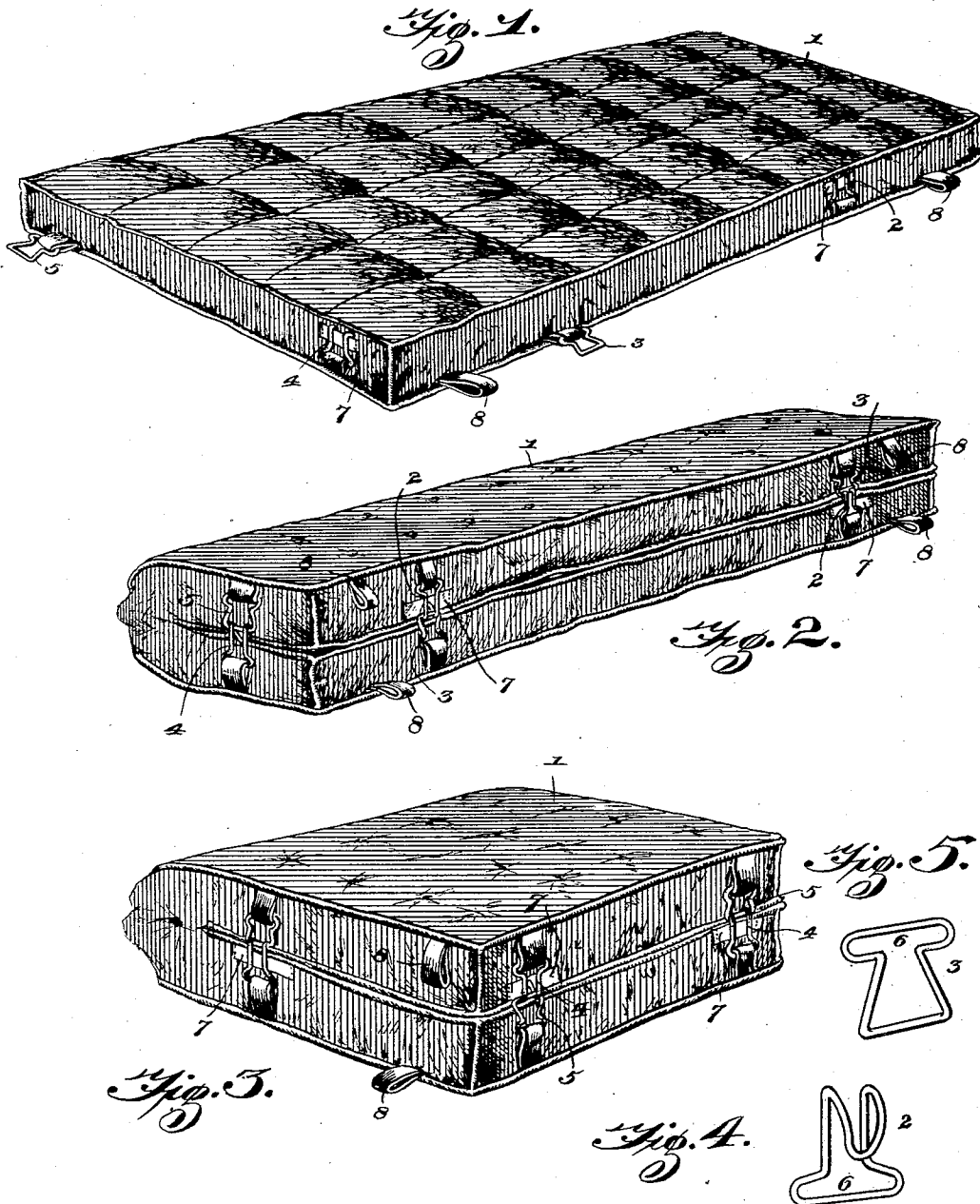
Patented Oct. 8, 1901.

B. D. LONERGAN.

MATTRESS.

(Application filed Jan. 14, 1901.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

BERTIE D. LONERGAN, OF FARGO, NORTH DAKOTA.

MATTRESS.

SPECIFICATION forming part of Letters Patent No. 684,276, dated October 8, 1901.

Application filed January 14, 1901. Serial No. 43,207. (No model.)

To all whom it may concern:

Be it known that I, BERTIE D. LONERGAN, a citizen of the United States, residing at Fargo, in the county of Cass and State of North Dakota, have invented a new and useful Mattress, of which the following is a specification.

The invention relates to improvements in mattresses.

The object of the present invention is to improve the construction of mattresses and to enable the same to be compactly folded and readily handled to carry it from one place to another.

A further object of the invention is to enable a mattress to be folded either longitudinally or transversely and to provide fastening devices adapted to hold the mattress in either of its folded positions.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a mattress constructed in accordance with this invention. Fig. 2 is a similar view showing the mattress folded longitudinally. Fig. 3 is a similar view showing the mattress folded transversely. Fig. 4 is a detail view of one of the hooks. Fig. 5 is a similar view of one of the eyes.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a mattress designed to be constructed of any suitable material and adapted to be folded either transversely or longitudinally, as illustrated in the accompanying drawings, to arrange it compactly, to enable it to be readily handled and carried. The mattress is provided at each side with a hook 2 and an eye 3 and its ends are similarly provided with a hook 4 and an eye 5. The hook 2 and the eye 3 are located equidistant of the ends of the mattress in order when the latter is folded transversely, as illustrated in Fig. 3 of the accompanying drawings, the fastening devices 2 and 3 will be vertically alined and will be adapted to engage each other. The fastening devices 4 and 5 of the ends of the mattress are located equidistant of the sides of the same in order to arrange them in

vertical alinement when the mattress is folded longitudinally, as illustrated in Fig. 2 of the drawings. The hooks 2 of the sides of the mattress are reversely arranged—that is, the hook 2 of one side is located opposite the eye 3 of the other side—so that when the mattress is folded longitudinally and the opposite side edges brought together the hook of one side will be in position for engaging the eye of the other side. The hooks and eyes of the ends of the mattress are disposed in a similar manner, the hook 4 of one end being located directly opposite the eye 5 of the other end so that when the mattress is folded transversely the hook of one end will be arranged to engage the eye of the other end. Each hook, which may be constructed of wire or any other suitable material, is provided at its shank with a loop and is secured to the mattress, near one of the faces thereof, by a flexible strap of webbing or any other suitable material. In constructing the hook the material is doubled between its ends to form an approximately U-shaped bill or engaging portion and the sides are bent between their ends, and the outer portions of the sides of the material are bent to form the loop 6. The flexible strap of webbing or other suitable material is preferably run through the loop and doubled and the material stitched to retain the hook at the outer end of the strap. The eye, which is engaged by the hook, is approximately triangular and is provided at its inner end with a loop to receive a flexible strap of webbing.

The mattress is provided opposite the hooks with loops 7, consisting of strips of fabric secured to the sides and ends of the mattress and arranged to receive the bills of the hooks, as clearly illustrated in Fig. 1 of the accompanying drawings. The strips of fabric of which the loops 7 are constructed are stitched at their ends to the mattress and are readily engaged by the said hooks. The mattress is also provided at opposite sides with handle-loops 8, constructed of webbing or other suitable material and located near the ends of the mattress to afford convenient handholds for enabling the mattress to be readily carried. The fastening devices and the loops may also be advantageously applied to large cushions and analogous objects.

It will be seen that the mattress is exceedingly simple and inexpensive in construction, that it may be compactly folded for carrying, and that it is securely held in such folded position. It will also be apparent that the fastening devices are arranged for holding the mattress when folded either longitudinally or transversely and that they will not interfere with the use of the mattress.

10 What I claim is—

1. A flexible mattress or analogous article adapted to be folded longitudinally or transversely and provided at its sides and ends with fastening devices located at opposite sides of the center of the mattress and adapted to engage each other, whereby the mattress may be secured when folded either transversely or longitudinally, substantially as described.
2. The combination with a flexible mattress or analogous article adapted to be folded either laterally or longitudinally, of the side hooks and eyes located equidistant of the ends of the mattress, and the end hooks and eyes located equidistant of the sides of the mattress, said hooks and eyes being adapted to engage each other when the mattress is folded either longitudinally or transversely, substantially as described.
3. The combination with a flexible mattress or analogous article adapted to be folded either longitudinally or transversely, of the side hooks and eyes located at opposite sides of the center, the hooks and eyes of one side being arranged the reverse of those of the other side, and the end hooks and eyes located at opposite sides of the center, the hook

and eye of one end being arranged the reverse of the hook and eye of the other end, substantially as and for the purpose described.

4. The combination with a flexible mattress or the like adapted to be folded either longitudinally or transversely, of the fastening devices arranged at the sides and ends of the mattress and located at opposite sides of the center thereof and adapted to engage each other to hold the mattress when the same is folded either transversely or longitudinally, and the handle-loops secured to the mattress, substantially as described.

5. The combination with a mattress or analogous article, of the hooks and eyes arranged at the sides and ends and adapted to engage each other when the mattress is folded, and the flexible strips mounted on the sides and ends of the mattress and arranged to receive the hooks, substantially as and for the purpose described.

6. The combination with a mattress or analogous article, of the hooks and eyes provided with flexible straps secured to the mattress at the sides and ends thereof, the flexible strips secured to the sides and ends of the mattress and forming hook-receiving loops, and the handle-loops secured to the mattress, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

BERTIE D. LONERGAN.

Witnesses:

W. C. LAIZURE,
J. D. VOWLES.