(No Model.)

O. E. HALL.

MATTRESS.

No. 604,043. Patented May 17, 1898.

Fig. 1.

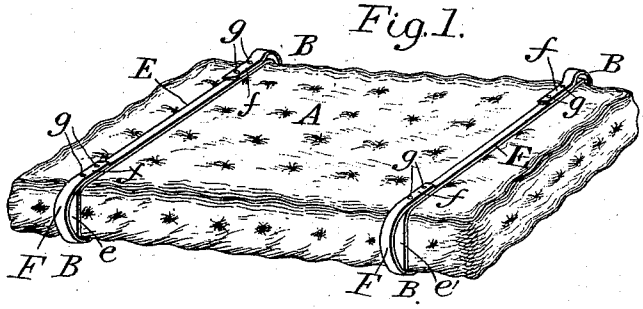


Fig. 2.

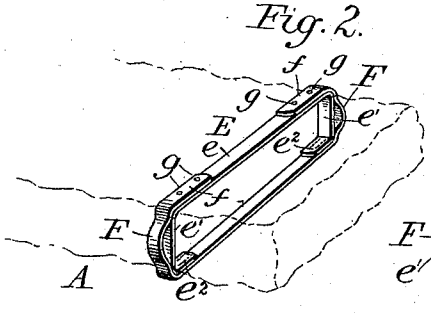
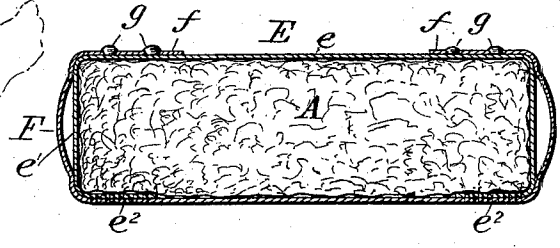


Fig. 3.



Witnesses:

W. E. Berchford.

"

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By her Attorneys,

Edson Bros.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

OLIVE ELIZABETH HALL, OF OCONTO, WISCONSIN.

MATTRESS.

SPECIFICATION forming part of Letters Patent No. 604,043, dated May 17, 1898.

Application filed January 30, 1896. Renewed March 23, 1898. Serial No. 674,939. (No model.)

To all whom it may concern:

Be it known that I, OLIVE ELIZABETH HALL, a citizen of the United States, residing at Oconto, in the county of Oconto and State of Wisconsin, have invented certain new and useful Improvements in Mattresses; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in mattresses; and the object that I have in view is to provide a means for handling and turning the mattress over from one side to the other, which handling means shall be so applied and stayed that the pull and strain will be distributed through different points of the mattress, thereby preventing to a large degree the handle from pulling loose or tearing the fabric of the mattress.

With these ends in view my invention consists in the novel construction and arrangement of parts, which will be hereinafter fully described and claimed.

To enable others to understand my invention, I have illustrated the same in the accompanying drawings, forming a part of this specification, and in which—

Figure 1 is a perspective view of a mattress embodying my invention. Fig. 2 is a detail perspective view of the improvements, the mattress being shown by dotted lines. Fig. 3 is a transverse sectional view through the mattress with the improved construction applied thereto.

Like letters of reference denote corresponding parts in all the figures of the drawings.

In my invention the handles *f* on opposite sides of the mattress A are made or composed of two pieces of material E F, arranged in a peculiar way to band or encompass the mattress and to afford a means for strengthening the same. I use a strip or length of fabric E of appropriate width and of such length as to extend across the top, around the side edges, and partially beneath the mattress. The part of the strip E which extends across the top of the mattress from side to side thereof is indicated at *e*, the parts of the strip which fit the vertical parts of the mattress are indicated at e' e', and the ends which lap the bottom of the mattress are shown at e^2 e^2. This band or strip, which partially embraces the mattress, has its ends *e* firmly united to the mattress, and it may be secured to the mattress at suitable points intermediate of its length in any appropriate way. A second strip or length of material F is used in connection with the strip E, and this second strip F extends across the bottom of the mattress, and it is secured to the mattress and to the ends e^2 of the strip E in a very secure manner; but the ends of the second or last-named strip F are left free for certain distances from the points where the strip F is attached to the ends e^2 of the strip E. These free ends *f f* of the strip F are of such length that they can be brought around to overlap the parts e' *e* of the strip E in a loose manner, and said ends *f* of the strip E may be detachably connected to the strip E around the vertical sides of the mattress—as, for instance, by providing buttons *g* to take into button-holes of the ends *f* of strip F. It will thus be seen that the strip F is permanently fastened to the strip E and the mattress at the points e^2, and it is detachably connected at *g* to the strip E, thus leaving a certain degree of slackness or looseness between its points of permanent and detachable connection with the strip E or the mattress. This slackness in the ends *f* of the band or strip F provides a convenient loop and forms a handle for conveniently turning or inverting the mattress. The construction shown more clearly by Figs. 2 and 3 provides two loops or handles, one on each side of the mattress, which are formed by two semi-encircling bands on the mattress, and the pull or strain on the handles or loops *f* is distributed to good advantage by the strips E F throughout the mattress, so that the pull or strain is not liable to break the handles free from the mattress or result in damage thereto.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination with a mattress, of the strip E arranged outside of, and rigidly fastened to, the mattress and extending from the bottom around the two sides and top thereof, and the strip F extending around the bottom and two sides of the mattress and per-

manently fastened to the ends e^2 of the strip E and the bottom of the mattress, the loose or free ends f of said strip F forming the handles, for the purposes described, substantially as set forth.

2. The combination with a mattress, of the external strip or band E fastened to the sides and top of the mattress and having its ends e^2 carried around and fastened to the bottom thereof, and the strip F secured permanently to the bottom of the mattress and the ends e^2 of the strip E, the free ends f of the strip F extending around the sides of the mattress and detachably fastened, at g, to the strip E, for the purposes described, substantially as set forth.

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

OLIVE ELIZABETH HALL.

Witnesses:
T. P. GILKY,
J. B. GRUNERT.