

F. HOFFMANN.
MATTRESS.
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1,335,965.

Patented Apr. 6, 1920.

Fig-1

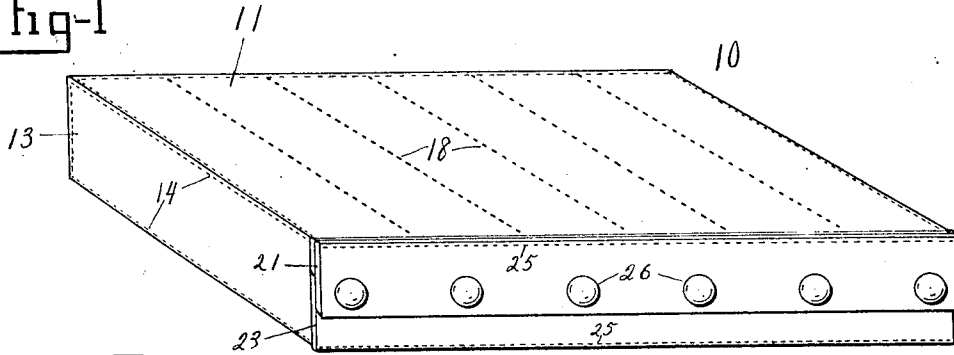


Fig-2

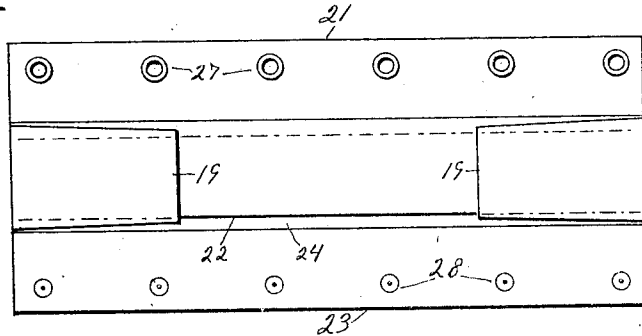


Fig-3

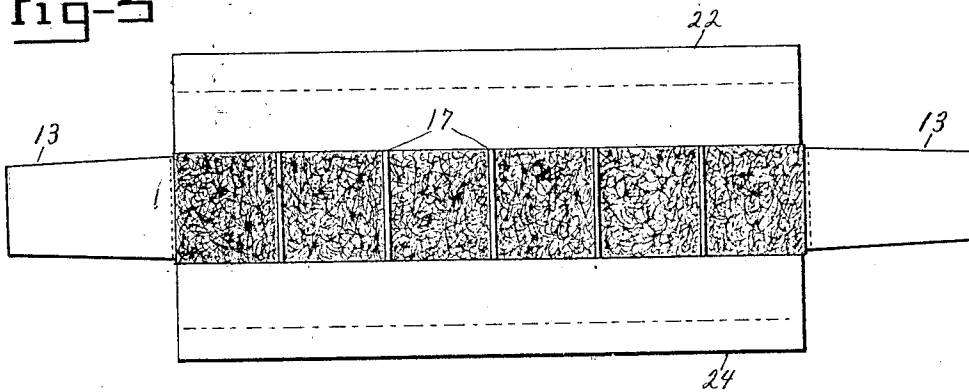
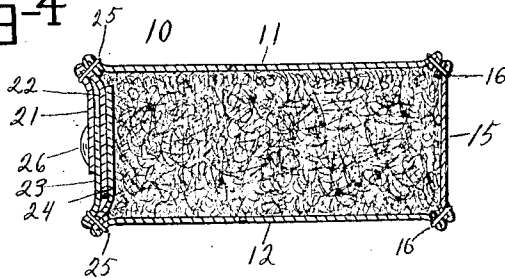


Fig-4



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MATTRESS.

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To all whom it may concern:

Be it known that I, FREDRICK HOFFMANN, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented a new and useful Improvement in Mattresses, of which the following is a specification.

This invention relates to mattresses.

The ordinary mattress is in effect a sack, in extent the size of the bed on which it is to be used, into which suitable filling material is stuffed, it being placed therein as evenly and compactly as possible, the distribution being dependent upon the skill of the stuffer. The mouth of the sack is then tightly closed, usually by sewing. The filling in a mattress of this character will, in service, be displaced and compacted by the movement and pressure of a recumbent figure, displacement is in a measure prevented by passing threads entirely through the mattress at regular intervals and drawing them tightly. Mattresses of this character are very insanitary as they absorb emanations from the sleeper, and are used for long periods of time without being cleaned or renovated. In fact, owing to the difficulty of the procedure they are rarely made over until they become a source of physical discomfort due to irregularity of surface.

An object of this invention is to provide a mattress, the "tick" of which is divided into a plurality of pockets or apartments adapted to receive a suitable filling and having means for closing same which may be easily manipulated, whereby an unskilled person may readily remove and replace the filling.

With the foregoing and other objects in view, the invention consists of the novel construction and arrangement of parts illustrated in the accompanying drawing, which forms a part of this specification, wherein is set forth an embodiment of the invention, but it is to be understood that such changes and modifications may be resorted to as come within the scope of the claims appended hereunto.

Referring to the drawing wherein similar reference characters designate like parts in the several views. Figure 1, is a perspective view of an embodiment of the invention: Fig. 2, a side elevation of same, showing the outer set of flaps unfastened and turned back: Fig. 3, a view similar to Fig. 2, showing the inner flaps turned back, dis-

closing the ends of the partitions and filling material: Fig. 4, a transverse section.

The embodiment of the invention illustrated herewith comprises what is known as a single mattress, that is the width is such as to accommodate but one person. In the drawing the mattress is designated as a whole by the reference numeral —10—. It consists of a top —11— and a bottom —12— to which end strips —13— are secured by suitable means such as rows of stitches —14—, and a side strip —15— secured by lines of stitches —16—, forming a flat elongated casing, or tick open on the forward side within which a plurality of transverse partitions —17— are secured, by suitable means such as stitches —18—. Flaps —19— are secured to the forward edges of the end strip 13. A pair of superimposed flaps —21, 22— and —23, 24— are attached respectively to the forward edges of the top and bottom, 11 and 12. The flaps 21, 22 and 23, 24 may be separate pieces, or as shown in Fig. 4, they may be of one piece folded longitudinally, near the center line, and the folded edges secured, by means of stitching —25— to the forward edge respectively of the top and bottom. The outer flaps 21 and 23, are provided respectively with a plurality of securing members such as snap fasteners —26—. Snap fasteners being articles of commerce it is not thought that a description thereof is necessary here, suffice to say that a spring head —27— is secured to one flap, as 21, and a post —28— to the other, 23.

In preparing the mattress for service, suitable material such as hair, moss, excelsior, cotton, hay or straw is stuffed in each compartment, care being observed to pack as evenly and compactly in one compartment as in another. When the compartments are filled the inner flaps —22— 24— are folded in, the end flaps 19 turned in, and the outer flaps 21 and 23 turned down and the fasteners secured. By this arrangement the filling is securely confined and yet access thereto may be readily had. It is obvious that if the mattress becomes packed at any point, the stuffing in one or more of the compartments may quickly and easily be removed, teased and replaced, thereby restoring it to its original and proper form. A ticking constructed as set forth above is particularly adapted to army use as in addition to the facility with which it may be filled,

and the quality of the mattress produced, the compartments, when the filling is removed may be used for the safe storage of blankets and other articles.

5 In the construction as described herein, the filling may be removed and renovated or renewed, the ticking laundried and the filling replaced as often as desired without the services of an expert.

10 Having thus described my invention so that any one skilled in the art pertaining thereto can make and use the same,

I claim:

15 1. In a mattress, a ticking comprising top, bottom and side walls, and having a plurality of compartments, a pair of flaps attached to the ends of the top and bottom walls

respectively, each pair of flaps consisting of a strip folded longitudinally and stitched by its folded edge to the ticking. 20

2. In a mattress, a ticking comprising top, bottom and side walls, and having a plurality of open ended compartments, a single flap attached to the end of each side wall and adapted to be folded over the open ends 25 of said compartments, a pair of flaps attached to the ends of the top and bottom walls, each pair of the last named flaps comprising a piece of material broader than the thickness of the mattress, said material being 30 folded near its center line-longitudinally, and stitched by its folded edge to the ends of the top and bottom walls.

FREDRICK HOFFMANN.