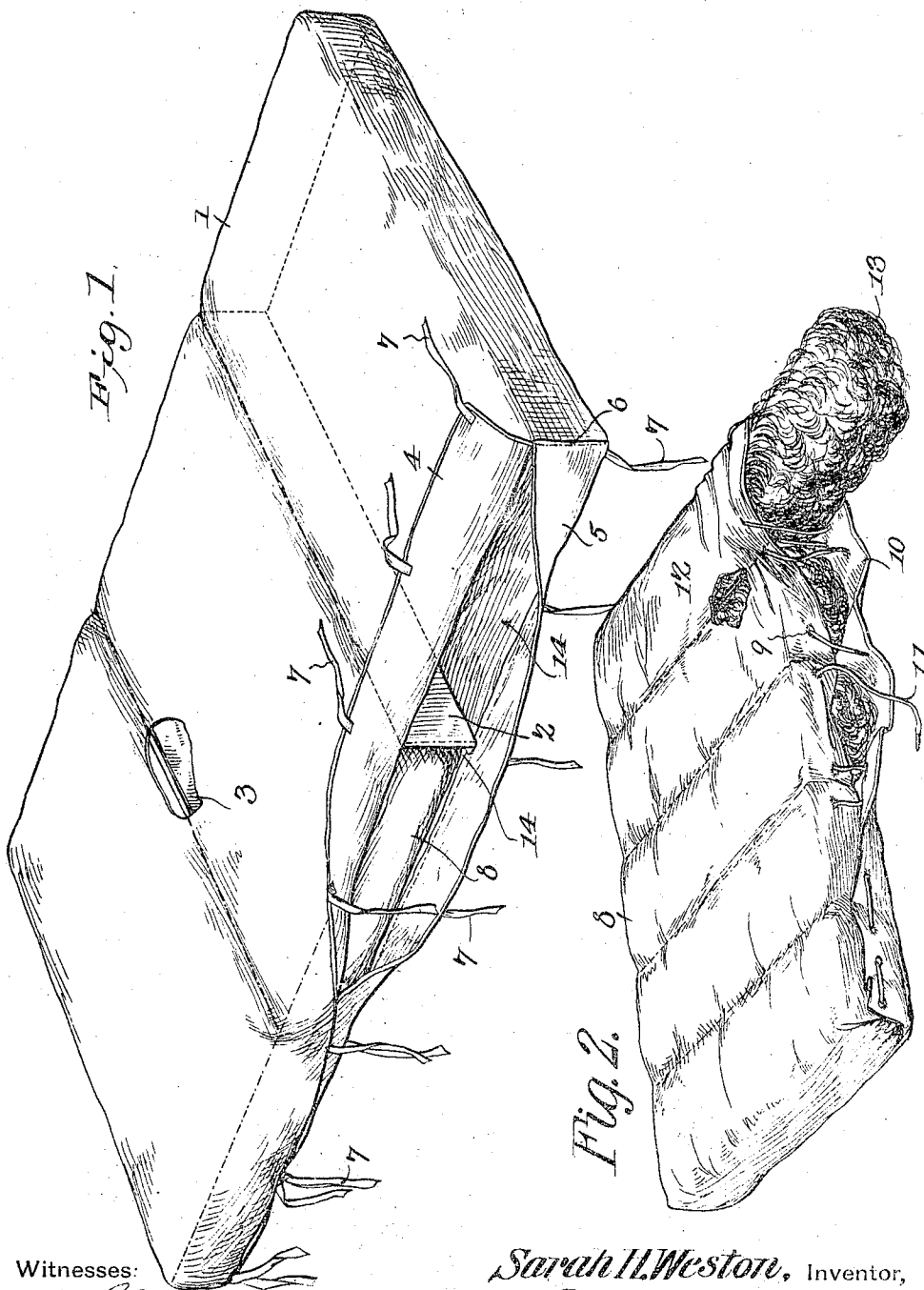


No. 853,049.

PATENTED MAY 7, 1907.

S. H. WESTON.
MATTRESS.

APPLICATION FILED NOV. 24, 1905.



Witnesses:

E. J. Stewart
R. M. West

Sarah H. Weston, Inventor,
by *C. A. Snow & Co.*
Attorneys.

UNITED STATES PATENT OFFICE.

SARAH HOOPER WESTON, OF CONGAREE, SOUTH CAROLINA.

MATTRESS.

No. 853,049.

Specification of Letters Patent.

Patented May 7, 1907.

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To all whom it may concern:

Be it known that I, SARAH HOOPER WESTON, a citizen of the United States, residing at Congaree, in the county of Richland and State of South Carolina, have invented a new and useful Mattress, of which the following is a specification.

This invention relates to mattresses.

The object of the invention is to provide a novel form of mattress in which the filling may readily be removed for the purpose either of washing the case or of cleansing the filler, whereby a mattress that has been soiled may readily be cleaned and rendered sanitary.

A further object is to provide a mattress having its filler arranged in a plurality of cells or chambers, each partitioned from the other and so arranged as to permit ready insertion or removal of the filler from one or all the cells as may be necessary or desirable.

A further object is to improve the manner of securing the partitions within the case whereby the exterior of the case will present a smooth and seamless appearance throughout all of its exposed surfaces.

A further object is to provide a novel form of sheath or cover for inclosing the mattress, which may readily be combined with or removed from the mattress, and in which, also, its exterior shall present a seamless appearance throughout all of its exposed surfaces.

With the above and other objects in view, as will appear as the nature of the invention is better understood the same consists in the novel construction and combination of parts of a mattress, as will be hereinafter fully described and claimed.

In the accompanying drawings forming a part of this specification, and in which like characters of reference indicate corresponding parts:—Figure 1 is a view in perspective exhibiting the sheath or cover, and also one of the mattress sections positioned therein. Fig. 2 is a perspective view of a mattress section, a portion of the side being open to exhibit the manner in which the filler may be inserted or removed.

A salient feature of the present invention is that both the sheath and the case are preferably made of a single piece of material, save the partitions that are employed in connection with both parts for the purpose, in the case of the sheath or cover to segregate the mattress sections, and in the case of the

mattress sections, to hold the filler separated into spaced masses.

The sheath 1 is in this instance shown as provided with two partitions 2 and 3, which are secured to the inner surfaces of the top and bottom and one side thereof. The top and bottom are of greater length than the partitions and project beyond the same to form flaps 4 and 5, the latter being secured to the ends of the sheath at 6, while the flap 4 is disconnected and is adapted to be folded over the flap 5 and secured thereto by any suitable or preferred form of fastening device, tapes or strings 7 being shown in this instance, although buttons, lacing, strings or the like may be employed in lieu thereof.

The mattress section, shown in detail in Fig. 2, comprises a case 8 which is constructed in the same manner as the sheath or cover, the flaps 9 and 10 of which are shown as secured together by a lacing 11 although, if preferred, tapes, such as shown in Fig. 1 may be employed, or any other form of fastening device. The section is herein shown as divided by partitions 12 into five cells or compartments in which the filler 13, which may be of any suitable substance is confined, each filler being held out of contact and separated from the adjacent filler by the partition.

Generally it will be preferred to employ the sheath or cover; but this is not essential as the mattress may be constructed on the same lines as the section—that is to say, the filler could be arranged in the compartments 14 of the sheath, and thus present a thoroughly efficient form of mattress. In either form, that is to say, whether the mattress is composed of a series of sections held in a sheath or in a sheath having a plurality of compartments for holding bunches of fillers, the same feature is present, namely, that the filler may readily be removed when the sheath or case is to be laundered and be readily replaced. Furthermore, should the filler in one of the compartments become soiled, or rendered unsanitary from any cause it may be removed and be replaced by a fresh filler without disturbing those in the other compartments.

While the invention is herein described as applied to mattresses, and one that is shown as approximately rectangular in shape, it is to be understood that it may be used in connection with other than mattresses, such as with cushions, and that it may be made in

other shapes than that shown, and of any material desired for either sections, casings or fillings.

Instead of employing tapes or strings 7 for securing the flaps 4 and 5 together, the flaps may be omitted and the edges of the parts may be sewed together. It will be observed that each partition is of a regular width and length, sewed in from the inside of all sides giving it the uniform box appearance, which does away with all cords through and through the mattress and the old unsanitary tufts used on other mattresses.

A further feature of the invention and one of salient advantages is that there are no seams on the outside of the sheath in which vermin can find lodgment.

The improvements as a whole are simple, may be readily carried into operation and will not require any special form of machinery in the manufacture of the article.

Having thus described the invention, what is claimed is:—

A mattress embodying a substantially rectangular sheath open at one side and having smooth continuous top and bottom walls arranged parallel with each other, and integral end walls of the same width as the sheath a plurality of spaced partitions secured to the interior surfaces of the top and bottom walls

and of less width than the width of the mattress to form longitudinal flaps disposed at the open end of the sheath, and continuous with the top and bottom walls of the latter, respectively, one of said flaps being of the same height of the end walls and having its opposite ends rigidly secured to said end walls and the opposite flap being free and adapted to be folded downwardly over the fixed flap, with its lower longitudinal edge in alignment with the bottom of the sheath removable mattress sections fitting between the partitions of the sheath and each divided by transverse partitions into a plurality of compartments for the reception of a removable filling, and strings secured to the longitudinal edges of each flap and adapted to interengage for securing the mattress sections within the sheath, there being a string rigidly secured to the bottom of the sheath at the juncture of the end walls and stationary flap for engagement with the adjacent terminal string on the folding flap.

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

SARAH HOOPER WESTON.

Witnesses:

FRANCIS H. WESTON,
W. T. AYCOCK.