

(No Model.)

W. F. ADE, Jr.  
SECTIONAL MATTRESS.

No. 603,718.

Patented May 10, 1898.

Fig: 1

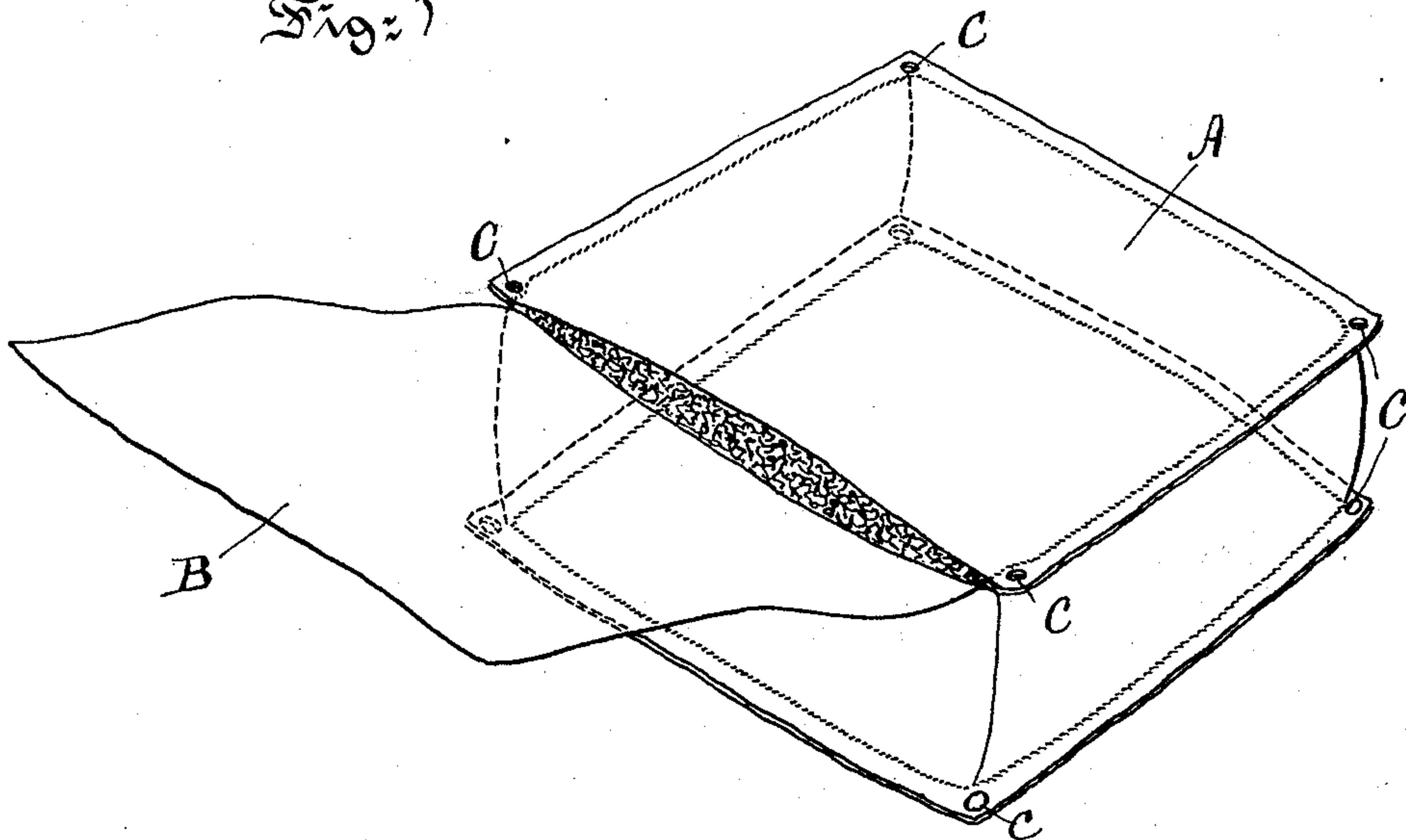
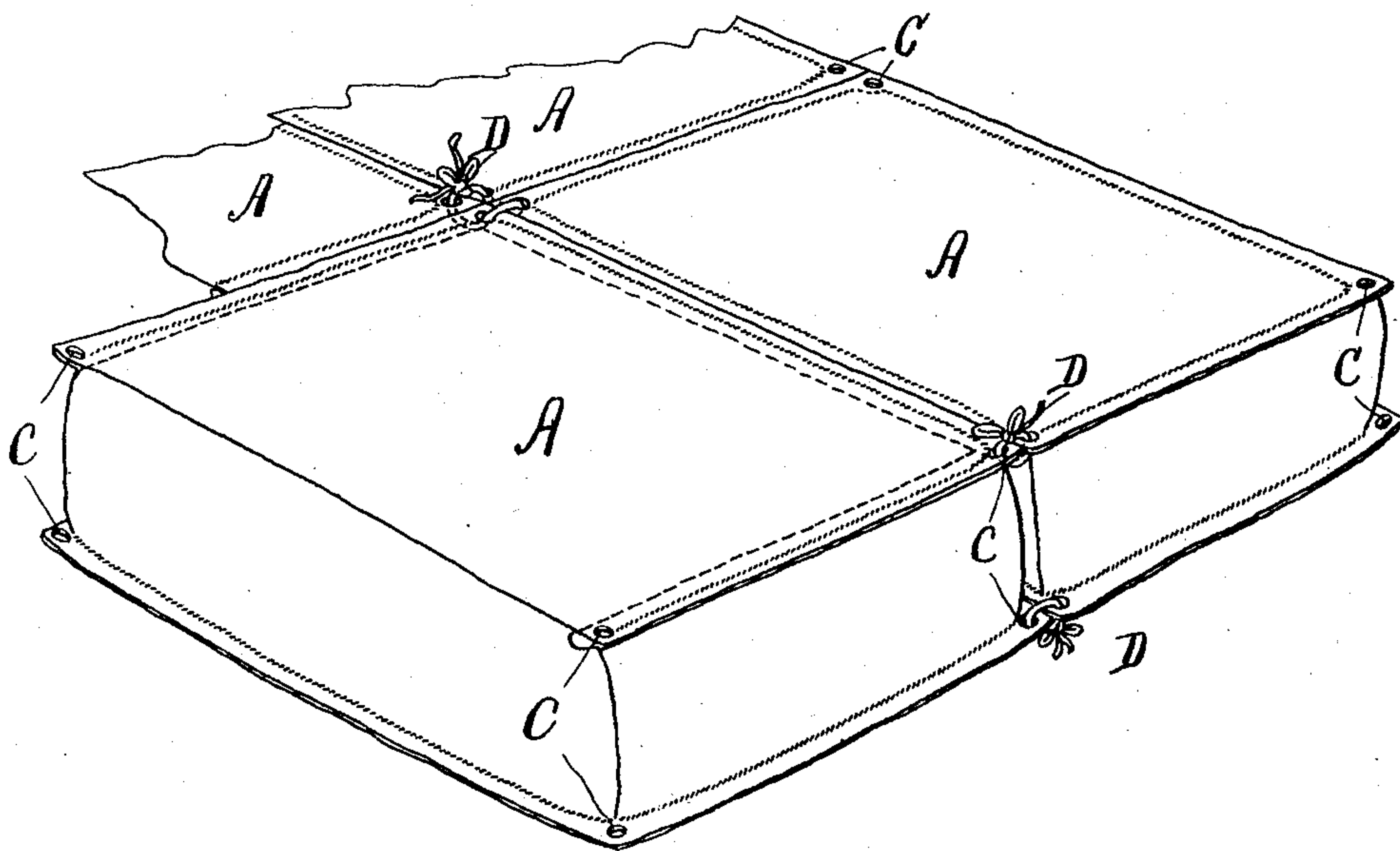


Fig: 2



Witnesses:  
W. A. Schaefer.  
Craig Shields

Inventor.  
William F. Ade Jr.  
By his Attorney Chas A. Rutter.



# UNITED STATES PATENT OFFICE.

WILLIAM F. ADE, JR., OF WILLIAMSPORT, PENNSYLVANIA.

## SECTIONAL MATTRESS.

SPECIFICATION forming part of Letters Patent No. 603,718, dated May 10, 1898.

Application filed September 2, 1897. Serial No. 650,316. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM F. ADE, JR., a citizen of the United States, and a resident of Williamsport, Lycoming county, Pennsylvania, have invented certain new and useful Improvements in Sectional Mattresses, of which the following is a specification.

My invention relates to improvements in sectional mattresses; and the objects of my invention are to furnish, first, a sectional mattress that can by unskilled persons be arranged for beds of any size, and, second, to construct the several sections in such manner that any person, however unskilled in mattress-making, may remove, clean, and replace the stuffing material at any time.

In the accompanying drawings, in which similar letters of reference indicate similar parts throughout both views, Figure 1 is a perspective view of one of the sections of my mattress, the tongue or flap being extended; and Fig. 2, a perspective view of several sections of the mattress secured together.

My mattress is constructed of a number of sections A, which are preferably about seven and one-half inches square and of any desired thickness. The covering material of the sections is ticking or other suitable material.

C are eyelets, of which there are preferably eight in each section, one in each corner.

D are cords or lacings adapted to be passed through eyelets C to secure the sections one to another. Each cord ordinarily secures together the contiguous corners of four sections, or, if upon the outer edge of the mattress, two sections, as shown. Each section of the mattress is left unsewed at one edge, as shown in Fig. 1, forming an opening, and is furnished with a flap or tongue B, which may be tucked in after the section is stuffed in order to close the opening to keep the stuffing in place.

If one or several of the sections become soiled or if the stuffing becomes packed down in any one or more of them, it is only necessary to remove the particular section requiring attention to make the desired changes or repairs.

There is no tufting to this mattress, the stuffing material being simply pushed into the sections by hand and held there by the flap or tongue. The absence of tufting per-

mits the stuffing material to retain its full life and elasticity, and consequently the mattress will retain its usefulness for a longer time without attention than will those in which the stuffing is forced down by machinery or those which have the stuffing drawn together at intervals by cords or tufting, as is necessary in mattresses of the ordinary construction.

If in the course of time the mattress becomes packed down in the center, the central sections may be removed and placed at the head and foot or at the sides, and the sections at the head and foot or sides may be placed in the center without any more trouble than that entailed in unlacing and lacing the several sections.

I am aware that mattresses made in sections united by buttons or cords have before been used, and I am also aware that sectional mattresses have been made with one end of the sections furnished with flaps which are adapted to be folded over one another and secured by tying or buttoning. I therefore do not claim either of these constructions broadly; but

What I do claim is—

1. A mattress or mattress-section having all of its sides permanently united with its top and bottom except a slit-like opening along one edge between the top and one of the sides, said mattress having a flap on one of the fixed sides opposite said slit-like opening, said flap being passed through said opening and normally held by pressure of the filling against the top of the mattress for closing the opening.

2. A mattress or mattress-section having all of its sides permanently united with its top and bottom except a slit-like opening along one edge between the top and one of the sides, and a flap forming an extension of one of the vertical sides of the section and adapted to be tucked into the mattress through said opening and be firmly held by the pressure of the filling against the fixed outer covering and serving to securely close said opening.

WILLIAM F. ADE, JR.

Witnesses:

JOSEPH O'CONNOR,  
G. B. M. METZGER.