

APPLICATION FILED MAY 16, 1908.

2 SHEETS--SHEET 1.

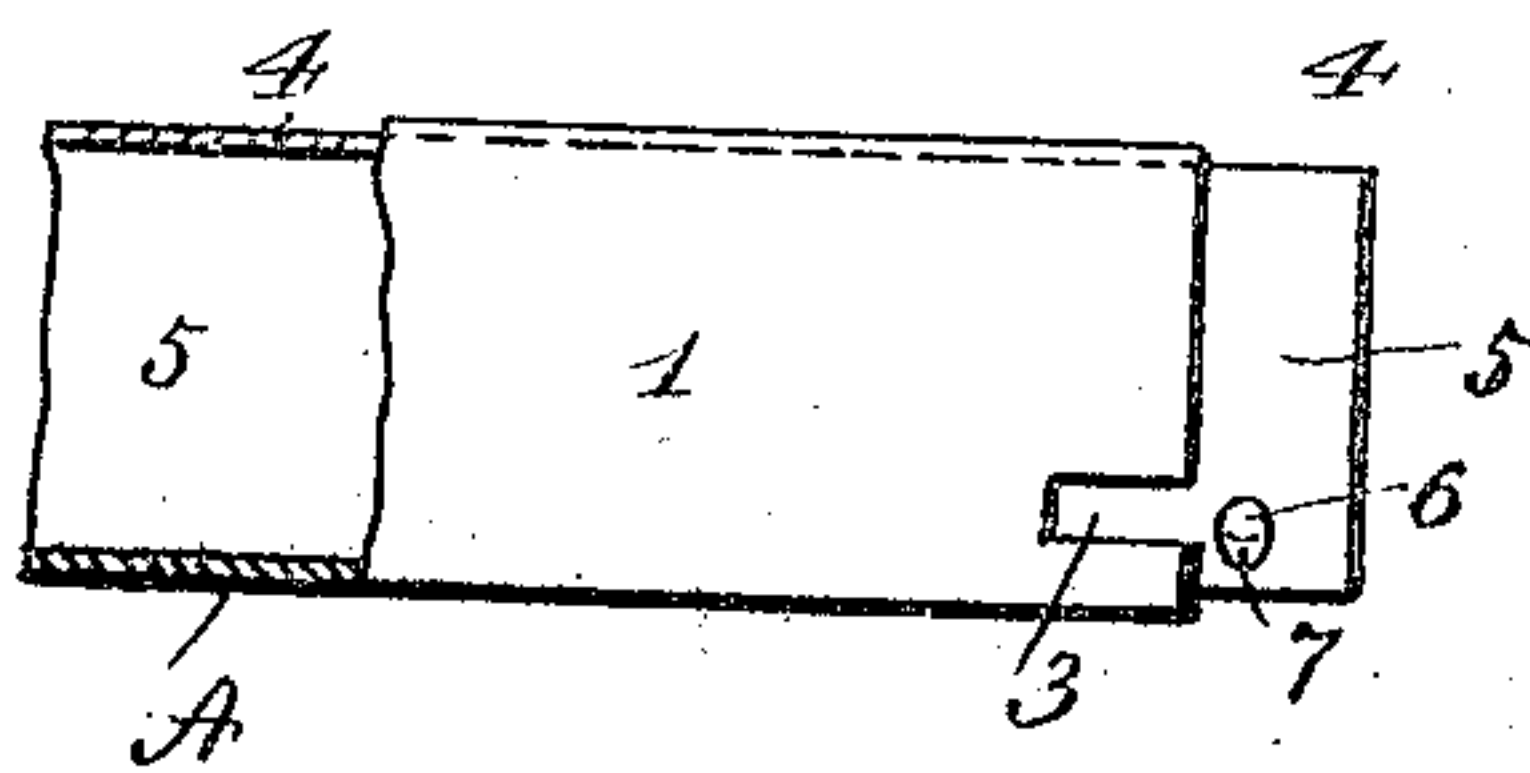


Fig. 3

Inventors  
Julius F. Pettman and  
Benjamin D. Courta  
Louis Baggett & Co.  
Their Attorneys

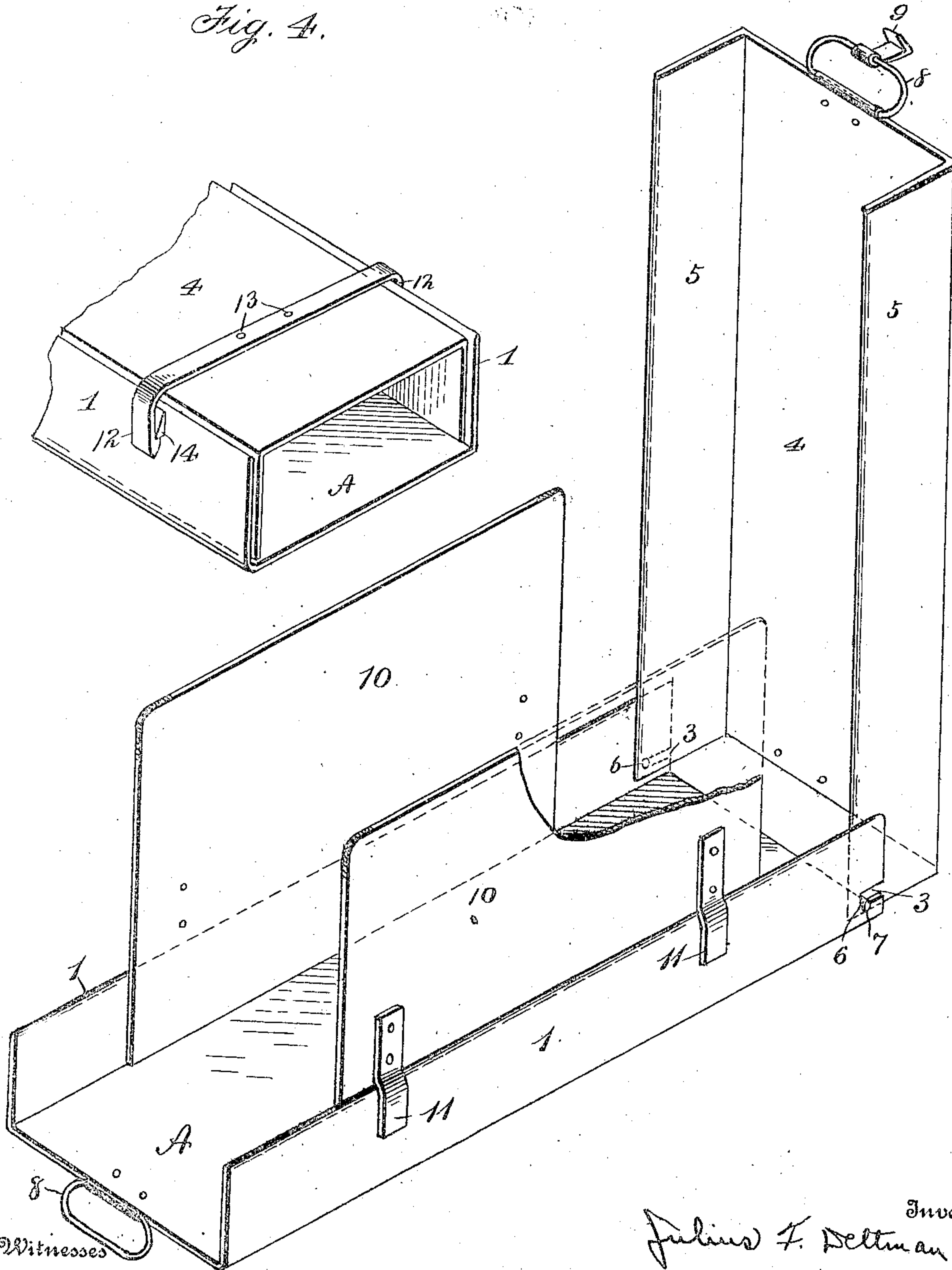
J. F. DETTMAN & B. D. COURTS.  
 DEVICE FOR FILLING MATTRESSES.  
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922,401.

Patented May 18, 1909.  
 2 SHEETS—SHEET 2.

*Fig. 2*

*Fig. 4.*



Witnesses

*F. L. Orrand*

*M. A. Freeman*

By

Inventors  
*Julius F. Dettman and*  
*Benjamin D. Courts*  
*Louis Raggen Ho*  
*their Attorneys*



# UNITED STATES PATENT OFFICE.

JULIUS F. DETTMAN AND BENJAMIN D. COURTS, OF MANITOWOC, WISCONSIN.

## DEVICE FOR FILLING MATTRESSES.

No. 922,401.

Specification of Letters Patent.

Patented May 18, 1909.

Application filed May 16, 1908. Serial No. 432,815.

*To all whom it may concern:*

Be it known that we, JULIUS F. DETTMAN and BENJAMIN D. COURTS, citizens of the United States, residing at Manitowoc, in the county of Manitowoc and State of Wisconsin, have invented certain new and useful Improvements in Devices for Filling Mattresses, of which the following is a specification.

Our invention relates to an improvement in a device for filling mattresses, and the object is to provide means whereby the filling material can be placed in a receptacle and the receptacle inserted in the compartment in the mattress or ticking and then the receptacle removed, leaving the filling material in the compartment in the mattress without disturbing the filling material, and it will extend regularly in all directions and fill out the compartment evenly.

The invention consists of certain novel features of construction and combinations of parts which will be hereinafter described and pointed out in the claims.

In the accompanying drawings Figure 1 is a perspective view showing the two sections together; Fig. 2 is a view showing the manner of filling the sections; Fig. 3 is a detail showing the means for connecting the sections together, and Fig. 4 is a modification.

A, represents the base section, which is provided with sides 1, 1, and at one end of the section slots 3, 3 are formed at the sides.

The top section 4 is made the same shape as the base section, but is adapted to be received within the base section. The sides 5, 5 of the top section are provided with trunnions 6, 6, which are at one end of the section. These trunnions are provided with flanges 7, 7. The trunnions are adapted to be received within the slots 3, 3, and the flanged portions of the trunnions are received along the sides of the slot preventing the trunnions from being displaced. Handles 8, 8 are connected to one end of each section and are connected together by a latch 9.

Sheet metal plates 10, 10 are provided with flanges 11, 11. The plates are adapted to be received within the base portion and the flanges extend over the sides 1, 1 thereof for holding the plates in position. These plates are connected to the base portion in this manner when it is desired to fill the base portion with the filling material, such as cotton, wool or other like material that is generally used in filling mattresses. After the

filling material has been placed in the base section to the required height, which material is laid in layers therein, the top section is connected to the base section by the trunnions 6, 6 entering the slots 3, 3 in the base portion, which permits the swinging action of the top section. The top section is forced into the base section compressing the filling material therein, when the two handles are locked together by the latch 9. The plates 10 are then removed and the two sections inserted in the compartment in the mattress. After the sections have been inserted in the compartment in the mattress the handles are unlocked and the lower or base section is removed, and after this section has been removed the top section is withdrawn, which leaves the filling material to fill out the compartment of the mattress in an even manner.

In the modification shown in Fig. 4 we have shown spring clips 12, which extend across the top of the top section 4 and are secured thereto by rivets 13. These clips are adapted to engage lugs or projections 14 on the section for connecting the two sections together. This method of attachment can be accomplished as the plates 10 are of less length than the distance between the projections 14 on the sides of the base section thereby permitting the spring clips 12 to engage the projections 14.

From the foregoing it will be seen that we have provided a simple method for filling the compartments of mattresses which will distribute the filling material in the mattress in an even and regular manner and one which is simple in construction and operation.

It is evident that slight changes might be made in the form and arrangement of the several parts described without departing from the spirit and scope of our invention, and hence we do not wish to be limited to the exact construction herein set forth, but:—

Having fully described our invention, what we claim as new and desire to secure by Letters Patent is:—

1. A device for filling mattresses comprising sections, each section having sides thereon, and the sides of one section adapted to be received between the sides of the other sections.

2. A device for filling mattresses comprising sections each section having sides connected thereto, one section adapted to be received within the other, and means for connecting the sections together.



3. A device for filling mattresses comprising sections, one section received within the other, and means adapted to be placed on one of the sides for filling the sections.

4. A device for filling mattresses comprising sections, one section received within the other, means adapted to be placed on one of the sides for filling the sections, and means for connecting the sections together.

5. A device for filling mattresses comprising base and top sections sides on each of the sections, the sides of the top section received within the sides of the base section, plates connected to the sides of the base section for filling the same, and means for connecting the two sections together.

6. A device for filling mattresses comprising base and top sections, sides on each of the sections the sides of the base section having slots formed in one end, and projections on the sides of the top section adapted to be received in the slots of the base section whereby the top section is held within the base section.

In testimony whereof we affix our signatures in presence of two witnesses.

JULIUS F. DETTMAN.  
BENJAMIN D. COURTS.

Witnesses:

C. E. BRADY,  
BLANCHE HARTWIG.