No. 893,413. PATENTED JULY 14, 1908.

J. T. WOOD.

ATTACHMENT FOR BOX BEDS.

APPLICATION FILED DEC. 24, 1907.

Fig. 1.

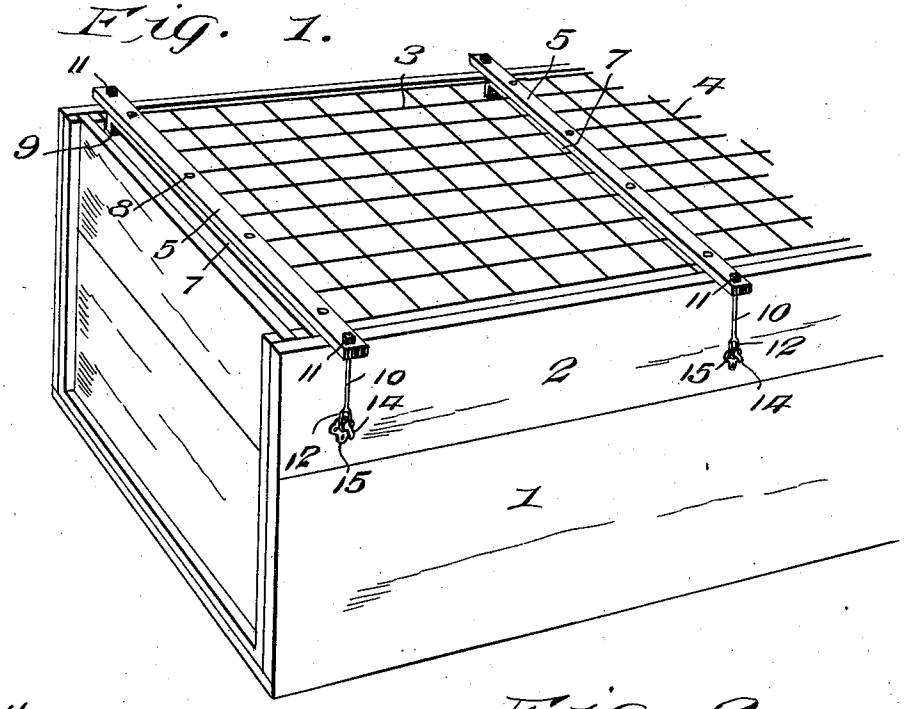


Fig. 2.

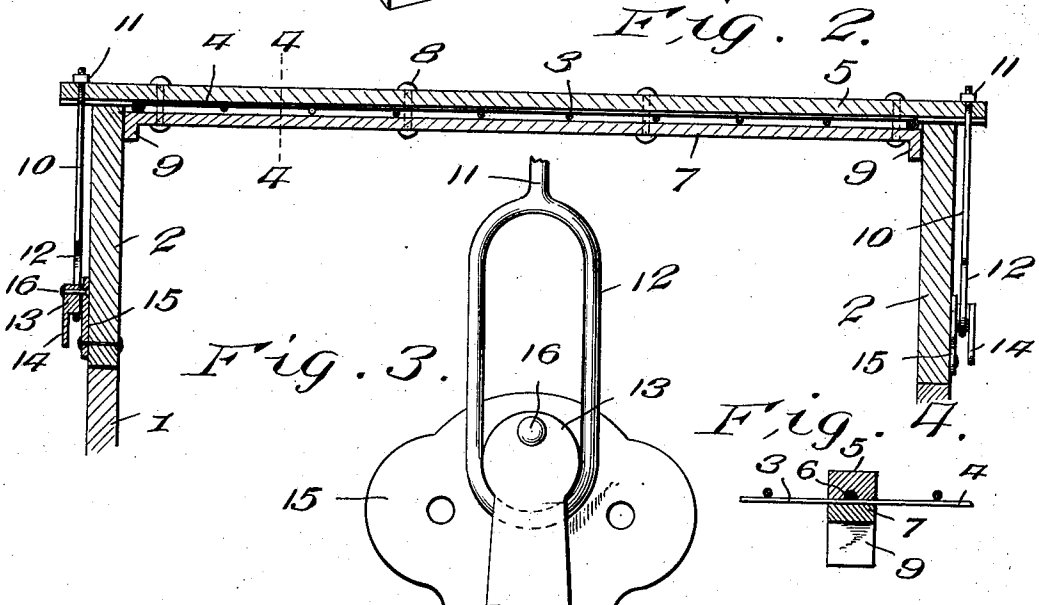


Fig. 3.

Fig. 4.

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ATTACHMENT FOR BOX-BEDS.

No. 893,413. Specification of Letters Patent. Patented July 14, 1908.

Application filed December 24, 1907. Serial No. 407,891.

To all whom it may concern:

Be it known that I, JOHN T. WOOD, a citizen of the United States, residing at Phillipsburg, in the county of Laclede and State of Missouri, have invented certain new and useful Improvements in Attachments for Box-Beds; 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 attachments for box beds and my object is to provide a woven cover for a box bed, whereby the same may be employed for transporting poultry, or the like, and my object is to provide means for disposing the woven material over the upper edge of the bed.

A further object is to provide means for removably securing the covering to the bed and a still further object is to provide means for securing the supporting devices to the covering.

Other objects and advantages will be hereinafter referred to and more particularly pointed out in the claims.

In the accompanying drawings which are made a part of this application, Figure 1 is a perspective view of a portion of a box bed, showing my improved covering secured thereto. Fig. 2 is a transverse, sectional view through the upper portion of the bed and covering, showing the same on an enlarged scale. Fig. 3 is an elevation on an enlarged scale of the means for securing the covering to the bed, and, Fig. 4 is a sectional view as seen on line 4—4, Fig. 2.

Referring to the drawings in which similar reference numerals designate corresponding parts throughout the several views, 1 indicates the usual or any preferred form of box bed such as is used in connection with vehicles and 2 indicates the side boards therefor.

In order to provide means for retaining the animals or fowls within the bed, I provide a covering 3, which is preferably constructed of wire, or the like 4, and, in holding the wire rigidly across the upper edge of the bed 1, I provide cross bars 5, which are preferably provided on their lower surface with a channel 6, said cross bars being of sufficient length to extend beyond each edge of the bed. The wires 4 are held in engagement with the cross bars 5 by means of plates 7, which plates are secured to the cross bars 5 in any preferred manner, as by means of rivets 8 extending through the cross bars and plates, the wires 4 being clamped between the cross bars and plates and one of the transversely disposed wires extending in the channel 6, thereby firmly securing the wires to the cross bars and holding the bars against lateral movement. Each end of the plates 7 are provided with angular extensions 9, which are adapted to engage the inner faces of the boards 2 and hold the plates and cross bars against longitudinal movement. The covering is removably secured over the upper edge of the bed 1, by introducing bolts 10 through the projecting ends of the cross bars 5 and introducing nuts 11 thereon, the lower ends of the bolts being provided with eyes 12, which are adapted to engage stems 13 carried by latches 14. The latches 14 are pivotally mounted on brackets 15, which brackets are secured to the side boards 2, or, if preferred, the bolts 10 may be increased in length, and the brackets secured to the side pieces of the bed proper. The latches 14 are pivotally mounted upon the brackets 15 by introducing a pivot pin 16 through the stem 13 and the bracket 15 and, by, placing the pin adjacent one edge of the stems 13, said stems will be eccentrically mounted and form a leverage on the bolts to tightly clamp the cross bars onto the upper edge of the side boards and the parts are so arranged that when the cross bars are clamped in position, the latches 14 will be in a vertical position and depending from the stems and it will be readily seen that when the latches are in such position, the eyes 12 will be prevented from leaving the stems.

In obtaining the proper tension on the cross bars 5, the eyes 12 are introduced over the stems 13 and the latches 14 lowered, when the nuts 11 are turned onto the upper ends of the bolts until the proper tension is obtained. In removing the covering from the bed, the latches 14 are given a half rotation by swinging the same to an upward vertical position, when the eyes 12 may be readily removed from the stems, the eyes being of sufficient length to allow the latches to pass therethrough, when said latches are in their elevated position and, by forming the covering of wire, the same may be rolled into a compact form and stored in one corner of the bed, leaving the bed in condition to receive various articles or products.

It will thus be seen that I have provided a very cheap and economical form of covering

for a box-bed and one that is practically indestructible and it will further be seen that the covering may be quickly placed upon or removed from the bed and when so removed, it may be rolled into a compact form and require but a minimum amount of space in transporting the same.

What I claim is:

In combination with a bed, a flexible covering therefor, bars extending transversely of the covering and projecting therebeyond to rest on the bed, plates acting in conjunction with the bars to clamp the covering to the bars, said plates terminating in depending angular portions to engage the inner faces of the bed, means for securing the plates to the bars, and means for holding the bars to the bed.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JNO. T. WOOD.

Witnesses:
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