C. G. COWAN.

MEANS FOR HOLDING SLATS TO BELTS.

APPLICATION FILED APR. 5, 1919.

1,345,136. **Patented June 29, 1920.**

Fig. 1

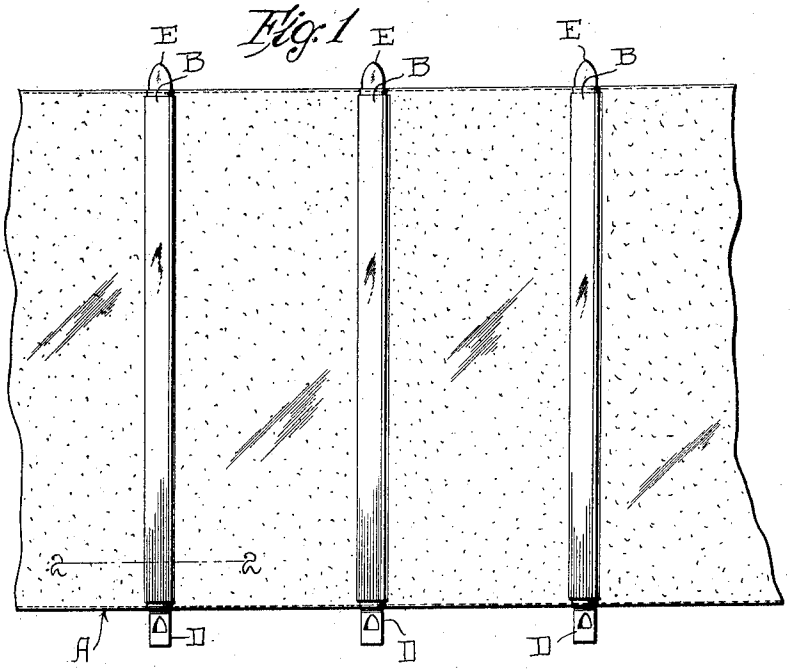


Fig. 2

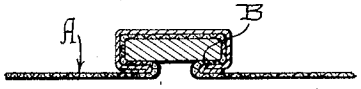


Fig. 3

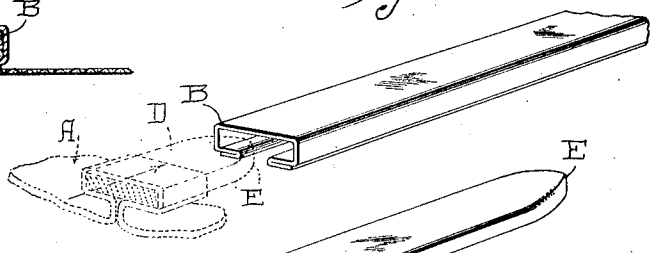
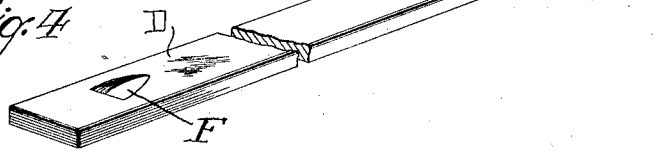


Fig. 4



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UNITED STATES PATENT OFFICE.

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MEANS FOR HOLDING SLATS TO BELTS.

1,345,136. Specification of Letters Patent. **Patented June 29, 1920.**

Application filed April 5, 1919. Serial No. 287,882.

To all whom it may concern:

Be it known that I, CHARLES G. COWAN, a citizen of the United States, residing at Driscoll, in the county of Nueces and State of Texas, have invented certain new and useful Improvements in Means for Holding Slats to Belts; 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in means for fastening slats to canvas or other conveyer belts without the use of rivets or other fastening means, and consists essentially in the provision of a frictional member for holding the portions of the fabric in hollow slats which are made of metal, and affording a means whereby the slats may be easily and quickly replaced when desired.

The invention consists of further various details of construction, combination and arrangement of parts which will be hereinafter fully described, shown in the accompanying drawings and then specifically defined in the appended claim.

My invention is illustrated in the accompanying drawings which, with the letters of reference marked thereon, form a part of this application, and in which:

Figure 1 is a plan view showing a section of a canvas belt with slats fastened thereto.

Fig. 2 is a sectional view on line 2—2 of Fig. 1.

Fig. 3 is a detail perspective view of one of the slats, and

Fig. 4 is a detail perspective view of a member for holding the fabric within the hollow slat.

Reference now being had to the details of the drawings by letter:

A designates a canvas belt of usual construction such as is used on harvesting machines. The slats B are made preferably of sheet metal which are bent in the shape shown in the drawings to form a receptacle for a portion of the belt and also a fastening means which consists of a strip D of any suitable material such as wood. One end of each strip D is pointed as at E to facilitate inserting the same inside the slat.

In adjusting the slats a section of the belting is folded within the slat and the strip D inserted, crowding those portions of the belt into the parts of the slats which are bent adjacent to their marginal edges.

Each of said slats B is provided with an indenture F for the reception of the finger nail of a person, or any other object which may be inserted therein for the purpose of withdrawing the strip D when it is desired to remove the slat from the canvas belt. The pointed end of the strip is inserted between the folded parts of the belt and pushed within the slat when it is desired to secure the latter to the belt.

By the provision of a means for fastening slats to belts embodying the features of my invention, it will be noted that a simple and efficient device is afforded whereby slats may be easily and quickly attached to a canvas belt of the type used on harvesters, reapers, etc., without the necessity of rivets and otherwise securing the slats and which frequently results in breaking the slat in attempting to fasten the same to the belt and which when once fastened will be difficult to remove.

What I claim to be new is:

A device for fastening cleats to belts consisting of open-ended split shells of rectangular shape, the edges of the shells being bent upon themselves to form flanges with spaces between the latter, slats, each pointed at one end and the face of each slat provided with an indenture near its other end, said slats being adapted to telescope within the shells and hold the folded portions of the belt against the edges of said recess and the inner surface of the shell, said belt bearing against the outer faces of each flange, and the ends of the slats projecting beyond the opposite longitudinal edges of the belt.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

CHAS. G. COWAN.

Witnesses:
R. F. BROWN,
J. D. KING.