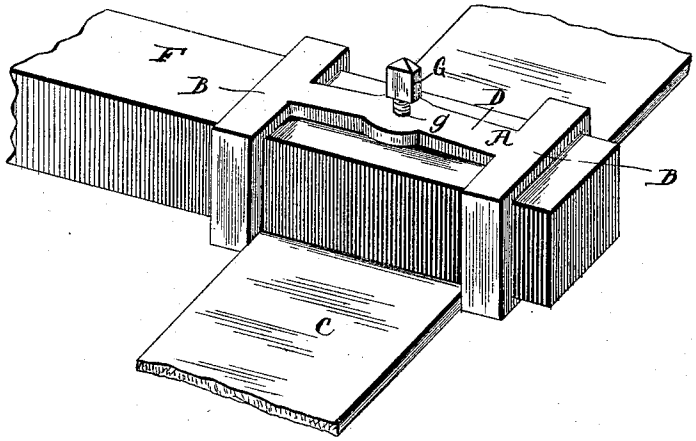
(No Model.)

D. W. PRATT.

SLAT FASTENER FOR STRAW CARRIERS.

No. 391,555. Patented Oct. 23, 1888.

Fig. 1



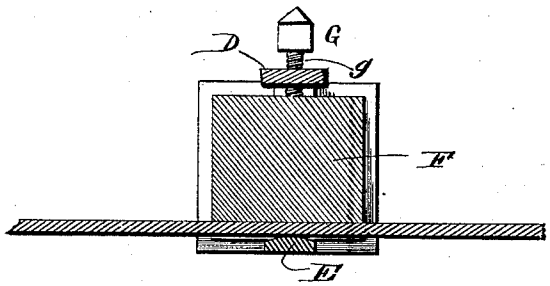


Fig. 2.

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C. E. Doyle.

Inventor:
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By his Attorneys
C. A. Snow & Co.

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

DANIEL W. PRATT, OF WEST BURLINGTON, PENNSYLVANIA.

SLAT-FASTENER FOR STRAW-CARRIERS.

SPECIFICATION forming part of Letters Patent No. 391,555, dated October 23, 1888.

Application filed May 31, 1888. Serial No. 275,604. (No model.)

To all whom it may concern:

Be it known that I, DANIEL W. PRATT, a citizen of the United States, residing at West Burlington, in the county of Bradford and State of Pennsylvania, have invented a new and useful Improvement in Slat-Fasteners for Straw-Carriers, of which the following is a specification.

My invention relates to a slat-fastener for straw-carriers, having for its object to provide a simple, cheap, reliable, and easily-operated device whereby the transverse slats of a straw-carrier for thrashing-machines may be affixed to the endless belts without puncturing the slat or the belts.

The invention consists in a certain novel construction and arrangement, fully described hereinafter, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a perspective view of the fastener, showing the manner of attaching the end of the slat to the belt. Fig. 2 is a transverse central sectional view of the same.

Referring to the drawings, the construction and uses of a straw-carrier and the manner in which it is applied to a thrashing-machine are well understood, and therefore I have not considered it necessary to illustrate any portion of the machine.

A designates the fastener, which comprises the rectangular end bands, B B, which are arranged parallel to each other at a distance apart equal to the width of the belt C, a short section of which is shown passing between the bands and the upper and lower longitudinal bars D E, which connect and are formed integral with the upper and lower sides of the said bands B B. The belt C passes over the lower bar, E, the upper side of which is rounded so as to offer no sharp edges to cut or chafe the belt, and the slat F (only a portion of which is shown in the drawings) passes through the end bands, B B, over the belt and bears on the latter, thereby holding the same in contact with the bar E.

To prevent a movement of the fastener on the belt and also prevent the slat from slipping out of the bands of the fastener, a set-screw, G, is mounted in a tapped aperture, *g*, in the center of the upper bar, D, and bears on the upper side of the slat, thereby clamping the latter and also the belt in position. It will thus be seen that both the slat and belt are secured in the fastener by reliable means without puncturing or cutting either or otherwise impairing their strength. Further, the sides of the slat are embraced by the bands B and therefore are not liable to be split; and as the bands through which the slats pass are arranged at some distance apart—namely, a distance equal to the width of the belt—the slats are prevented from turning or twisting and assuming a position other than a proper angle to the belts, and therefore the latter are caused to move at the same speed and the slats are at all times perpendicular to the motion of the carrier.

I claim—

As a new article of manufacture, the herein-described fastener to secure the slats to the belts in straw-carriers, the same consisting of the rectangular end bands, B B, the integral lower bar, E, connecting the lower sides of the said bands and having a rounded upper side, the upper bar, D, connecting the upper sides of the end bands and having a central tapped aperture therein, and the set-screw mounted in the said tapped aperture, substantially as and for the purpose specified.

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

DANIEL W. PRATT.

Witnesses:

H. U. DICKINSON,

C. T. PORTER.