(Model.)

G. B. VROMAN.

HEADER BAR.

No. 262,262. Patented Aug. 8, 1882.

Fig. 1.

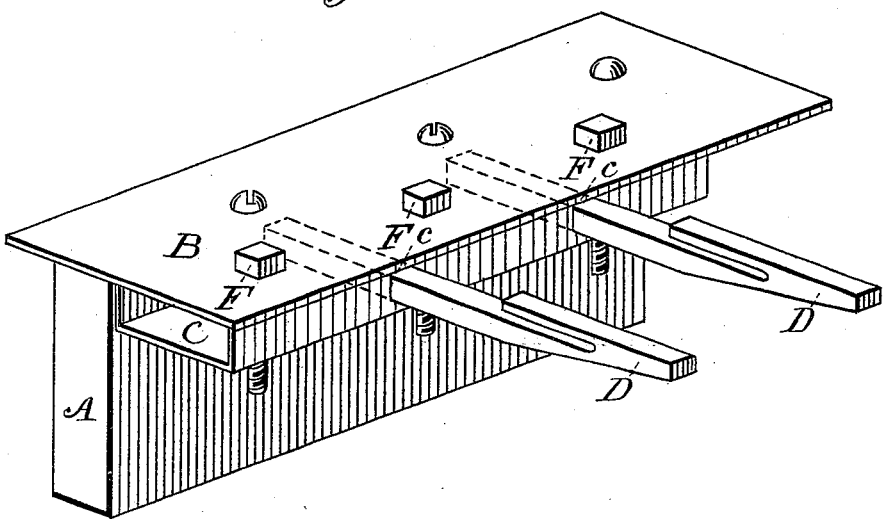
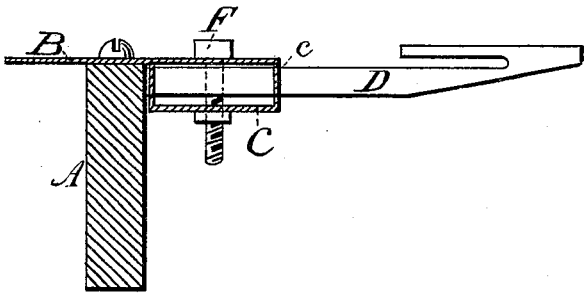


Fig. 2.



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UNITED STATES PATENT OFFICE.

GEORGE B. VROMAN, OF OAKDALE, CALIFORNIA.

HEADER-BAR.

SPECIFICATION forming part of Letters Patent No. 262,262, dated August 8, 1882.

Application filed June 20, 1881. (Model.)

To all whom it may concern:

Be it known that I, GEORGE B. VROMAN, of Oakdale, county of Stanislaus, State of California, have invented an Improved Header-Bar; and I hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to a new and useful header-bar for harvesters; and it consists in a means for securing the fingers whereby they may be easily inserted or removed. More particularly these means consist in the combination, with a horizontal projecting top plate, of an underlying channel-shaped plate, provided with notches in its edges through which the shanks of the fingers are inserted. The lower plate is drawn to the upper by means of bolts passing through both. This secures the fingers between the two easily and effectively.

The object of my invention is to provide a means for securing the fingers to the header-bar in such manner that they may easily be inserted and as readily removed.

Referring to the accompanying drawings, Figure 1 is a perspective, and Fig. 2 a cross-section.

Let A represent the front beam of a header or harvester.

B represents a metal plate, firmly secured to the top of beam A and projecting forward, as shown.

C represents the securing-plate. This consists of a channel-shaped piece of about the width of the projecting portion of plate B. Its upturned edges or flanges are provided with notches *c*, situated at intervals determined by the distance desired between the fingers.

D represents the fingers. These are of the ordinary shape, with a groove or slot in their upper sides, through which the sickle or knife passes. The shanks of these fingers are inserted in the notches *c* of the securing-plate C, and extend to and press against the beam A, but are not driven therein. The notches *c* are sufficiently deep to allow the shanks of the fingers to fit down far enough to bring their upper edges on a level with the top edge of the flanges of securing-plate C. This allows said plate when screwed up tightly to upper plate B to bind said fingers in the notches and against plate B. Between the fingers I pass bolts F from the top down through plates B and C, and secure them underneath by nuts. By screwing up these bolts the under plate, C, is drawn tightly against the upper plate, B, and thus is made to bind the fingers. When loosened the said bars may be removed.

The advantage of this means of securing the fingers lies in its simplicity and in the fact that when broken the bars may easily be removed and replaced.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a header-bar for harvesters, the fingers D, in combination with the means for securing them, consisting of the horizontal upper plate, B, secured to the header-beam, and the channel-shaped underlying plate, C, having notches *c*, in which the shank of the fingers fit, and the bolts F, passing through plates B C, to clamp the fingers between said plates, substantially as herein described.

In witness whereof I have hereunto set my hand.

GEORGE B. VROMAN.

Witnesses:

JAMES TUSON,

PLESANT VERNON.