

No. 676,910.

Patented June 25, 1901.

R. C. POOL.
BACK BAND HOOK.

(Application filed June 11, 1900.)

(No Model.)

Fig. 1.

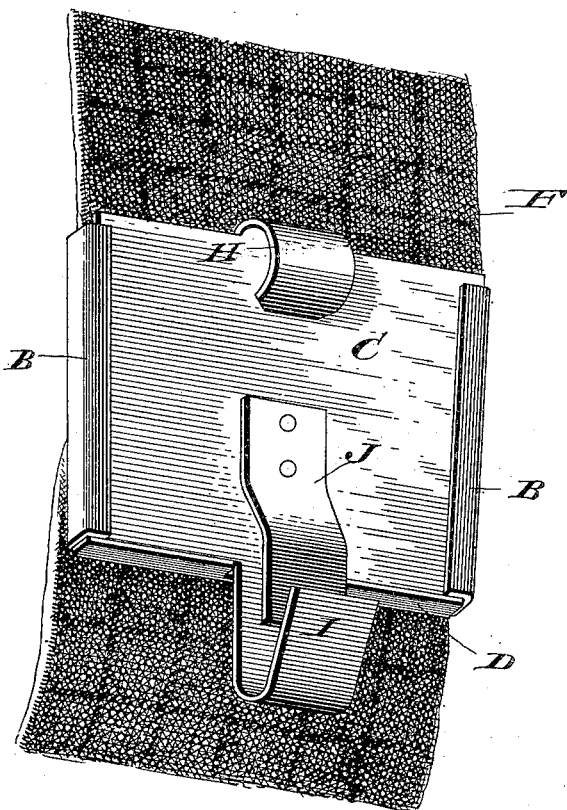


Fig. 2.

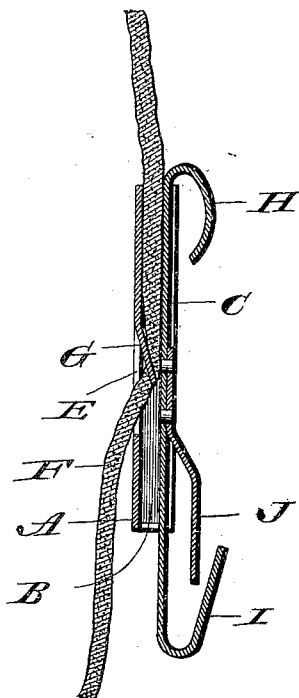
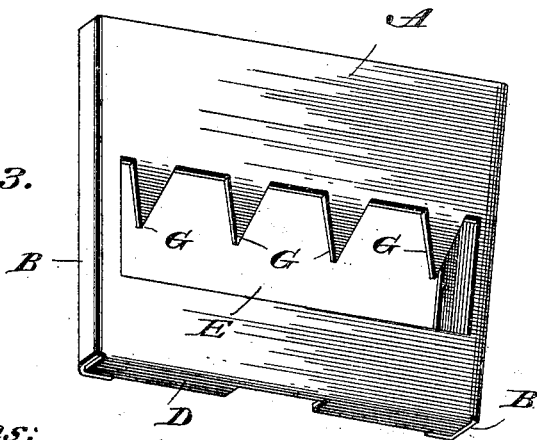


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

ROBERT C. POOL, OF UTICA, TEXAS.

BACK-BAND HOOK.

SPECIFICATION forming part of Letters Patent No. 676,910, dated June 25, 1901.

Application filed June 11, 1900. Serial No. 19,870. (No model.)

To all whom it may concern:

Be it known that I, ROBERT C. POOL, a citizen of the United States, residing at Utica, in the county of Smith and State of Texas, have
5 invented certain new and useful Improvements in Back-Band Hooks; 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
10 it appertains to make and use the same.

This invention relates to improvements in back-band hooks for harness; and the object thereof is to provide a simple and inexpensive construction of hook which is capable of ready and convenient adjustment and
15 with which different articles of cloth, such as may be on hand, may be used as a back-band, and also so formed as to prevent cutting or tearing of the back-band with which it is used
20 and to be quickly and positively clamped in position on the band.

The invention consists in the novel feature of construction hereafter fully set forth in the specification, pointed out in the claim
25 hereto appended, and illustrated by the accompanying drawings, in which—

Figure 1 is a perspective view of my improved back-band hook in position upon a back-band. Fig. 2 is a central longitudinal
30 sectional view of the same. Fig. 3 is a perspective view of the body-plate looking at the same from its rear side.

Referring now more particularly to the accompanying drawings, A designates the body-plate of the hook, having its side edges turned
35 over to form guiding-grooves B for the clamping-plate C, which slides therein. The plate A is narrower at its lower end than at the upper end thereof, so that the grooves B are inclined inwardly from their upper to their
40 lower ends, and said plate has its lower edge turned upwardly to form a stop D. Plate C is of corresponding shape—that is, narrower at its lower than at its upper end, so that it
45 wedges when it is drawn downwardly in the body-plate. The stop D prevents plate C from becoming so tightly wedged as to prevent its being readily withdrawn from the body-plate.

50 Body-plate A is formed with a slot E, through which the back-band F, which lies along the front face of said plate, passes. At the upper edge of this slot E a series of in-

wardly-projecting tangs G are formed. When the clamping-plate C is positioned in the guiding-grooves of the body-plate and drawn
55 downwardly, it forces the back-band against said tangs, causing the latter to enter the back-band, thus clamping the hook to the band. The slot E is of sufficient width so
60 that sacks, drilling, or other materials varying in thickness may be used to form the back-band.

Formed at the upper end of plate C and integral therewith is a downwardly and outwardly curved hook H, forming a guide for
65 the rein-line or plow-line. At the lower end of said plate and integral therewith is formed an outwardly and upwardly extending hook I to receive the trace-chain. This hook is
70 closed and the chain prevented from becoming disengaged therefrom by a spring-tongue J, secured to plate C and curved outwardly with its lower end in close proximity to the inner face of the hook.
75

To raise or lower the hook or to remove the same from the band, the clamping-plate is withdrawn, when the desired movement of the body-plate may be readily effected.

From the above description it will be readily seen that I have provided an exceedingly
80 convenient and effective hook for back-bands.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—
85

A back-band buckle comprising two separable plates adapted to slide one upon the other and to receive the band therebetween, each of said plates having its side edges
90 converging toward one end thereof, and one of them having its converging side edges bent inwardly parallel with one of its faces to form converging grooves in which the other is adapted to slide and formed with a slot inter-
95 mediately of its ends and between the grooves to receive the band, said slot being provided at its edge with tangs bent to extend into the plane of the grooves to engage the band, said band being held in engagement with the tangs
100 by the other plate, substantially as described.

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

ROBERT C. POOL.

Witnesses:

R. O. CLAY,

J. F. BAKER.