

(Model.)

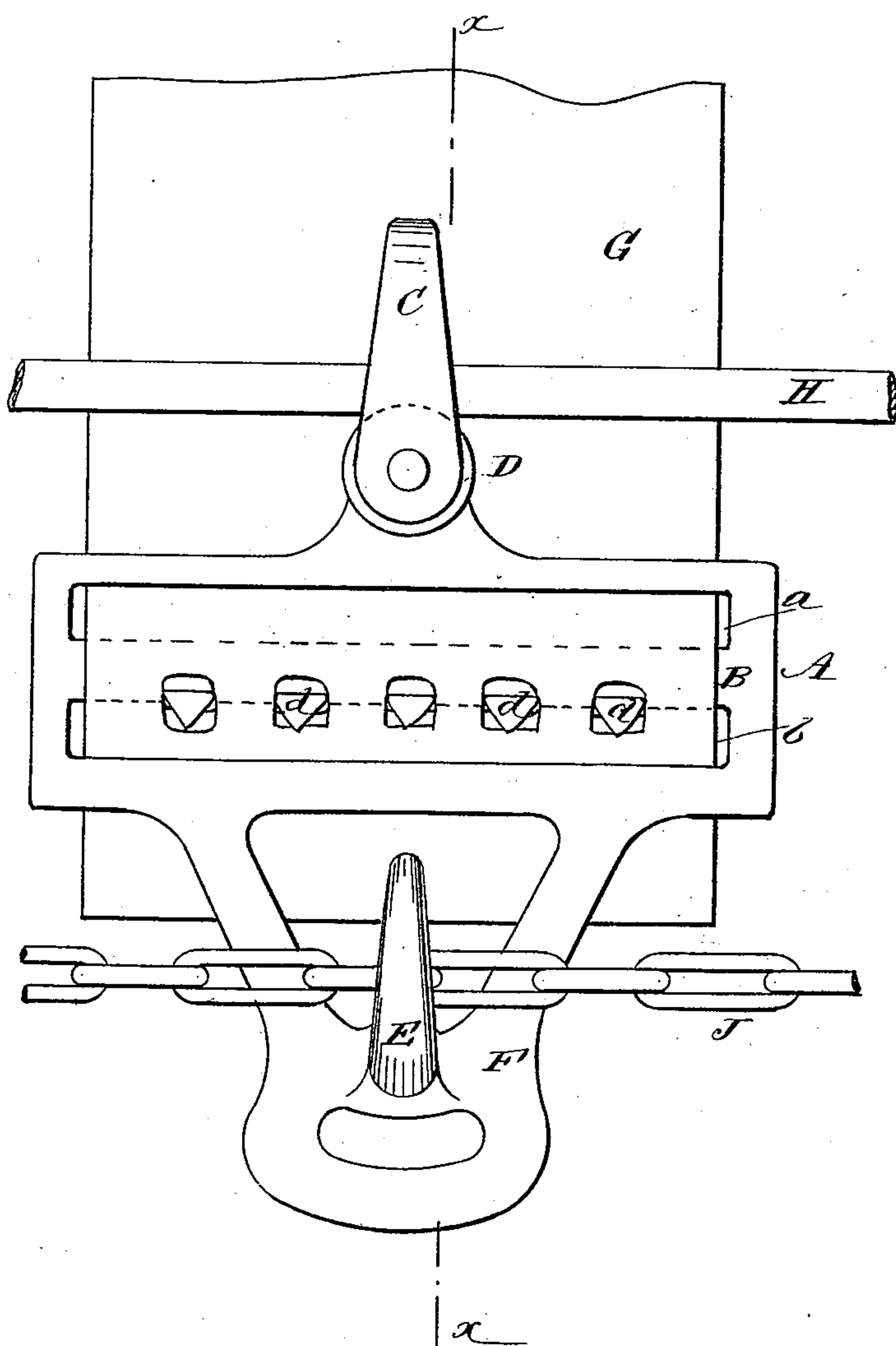
O. PITTS.

BACK BAND HOOK FOR HARNESS.

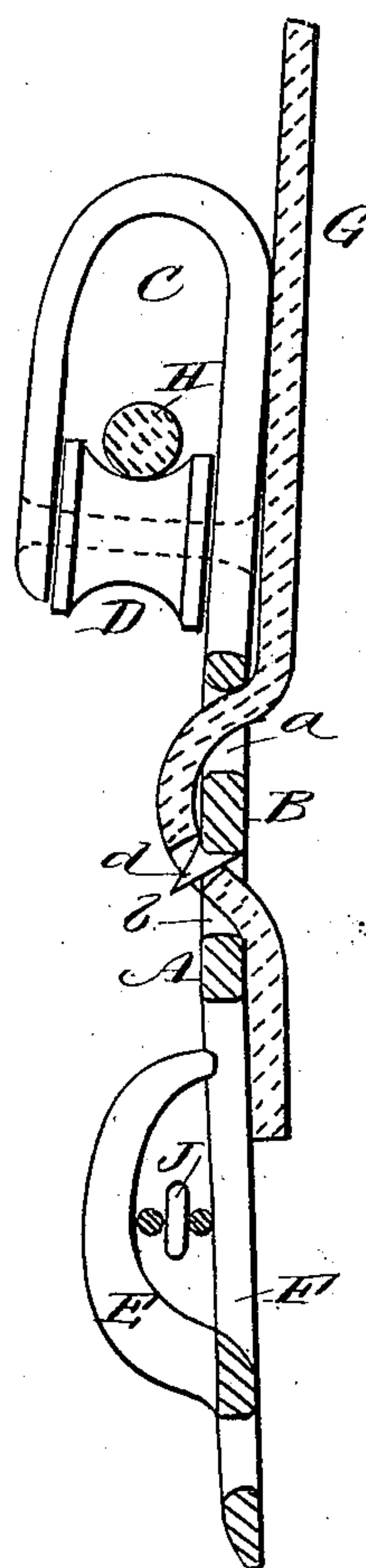
No. 272,767.

Patented Feb. 20, 1883.

*Fig. 1*



*Fig. 2*



WITNESSES:

*C. Neveu*  
*L. Bedgwick*

INVENTOR:

*O. Pitts*

BY

*Mum Co*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

OLIN PITTS, OF NEWBORN, GEORGIA.

## BACK-BAND HOOK FOR HARNESS.

SPECIFICATION forming part of Letters Patent No. 272,767, dated February 20, 1883.

Application filed October 3, 1882. (Model.)

*To all whom it may concern:*

Be it known that I, OLIN PITTS, of Newborn, in the county of Newton and State of Georgia, have invented a new and Improved  
5 Back-Band Hook for Harness, of which the following is a full, clear, and exact description.

The object of my invention is to prevent the rapid destruction of the lines or ropes used as reins when plowing.

10 Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a front view of my improved  
15 back-band hook, showing it attached to a back-band, and showing it supporting a rein-line and a trace-chain. Fig. 2 is a sectional view of the same on the line *x x*, Fig. 1.

A metal plate or casting, A, is provided with  
20 two longitudinal slots, *a* and *b*, separated by a strip, B, having outwardly and downwardly projecting teeth *d*. At the top the plate or frame A is provided with a hook-projection, C, which is curved outward and downward,  
25 and in the lower end of which a grooved anti-friction roller, D, of metal, glass, rubber, or wood, is journaled or pivoted. A hook, E, projects outward and upward from a lug, F, projecting downward from the lower edge of the  
30 plate or frame A, as shown. The end of the

back-band G is passed down on the inside of the plate A, is passed through the slot *a* from the rear to the front, and is then passed through the slot *b* from the front to rear. The teeth *d* will then pass through apertures in  
35 the band G, as shown, and the plate or frame A will be secured on the band. The trace-chain J is passed over the hook E, and the rein-line or plow-line H, which is generally made of cotton, is passed through the hook C,  
40 and over the anti-friction roller D, as shown, whereby the said line will be protected from undue friction and chafing, and will last much longer than if permitted to rub against the chain J or the frame A.

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

A harness back-band attachment formed of a plate having at the upper end the loop device C, and the friction-roller D, journaled  
50 therein for receiving the rein, or line, at the lower end a trace-receiver, E, and immediately the cross-slots *a b*, separated by a bar provided with a transverse row of teeth, as shown and described.

OLIN PITTS.

Witnesses:

J. M. ALLEN,  
J. A. CHAMBERS.