

(No Model.)

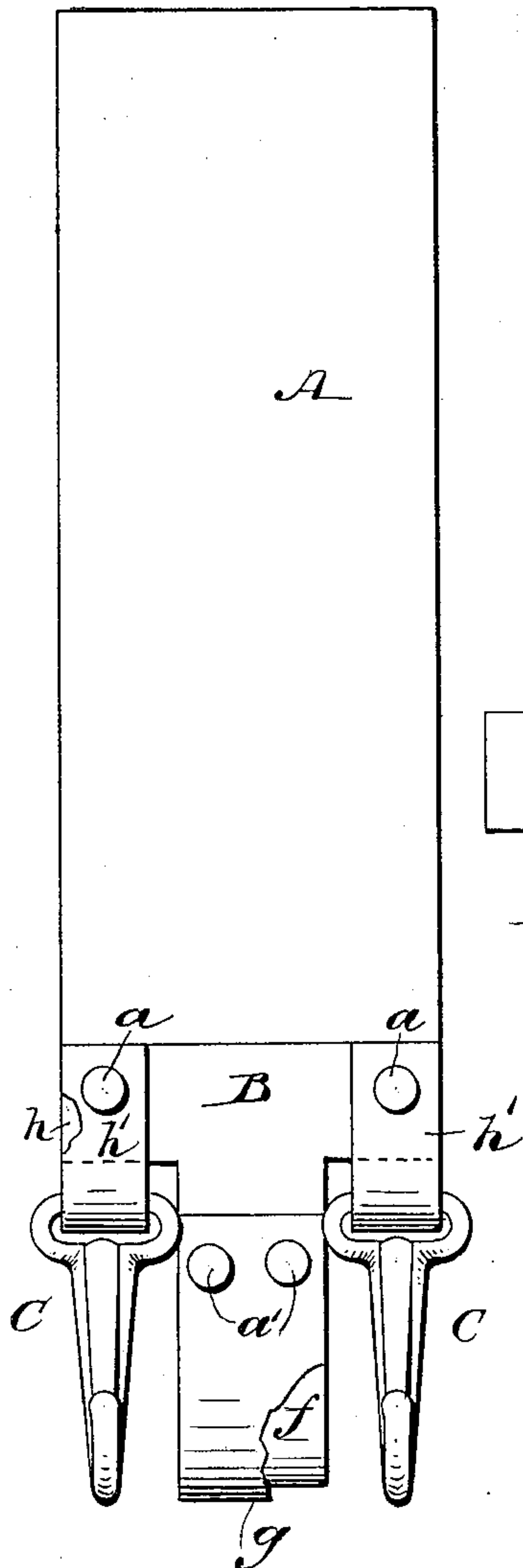
I. JOHNSON.

BACK BAND FOR HARNESS.

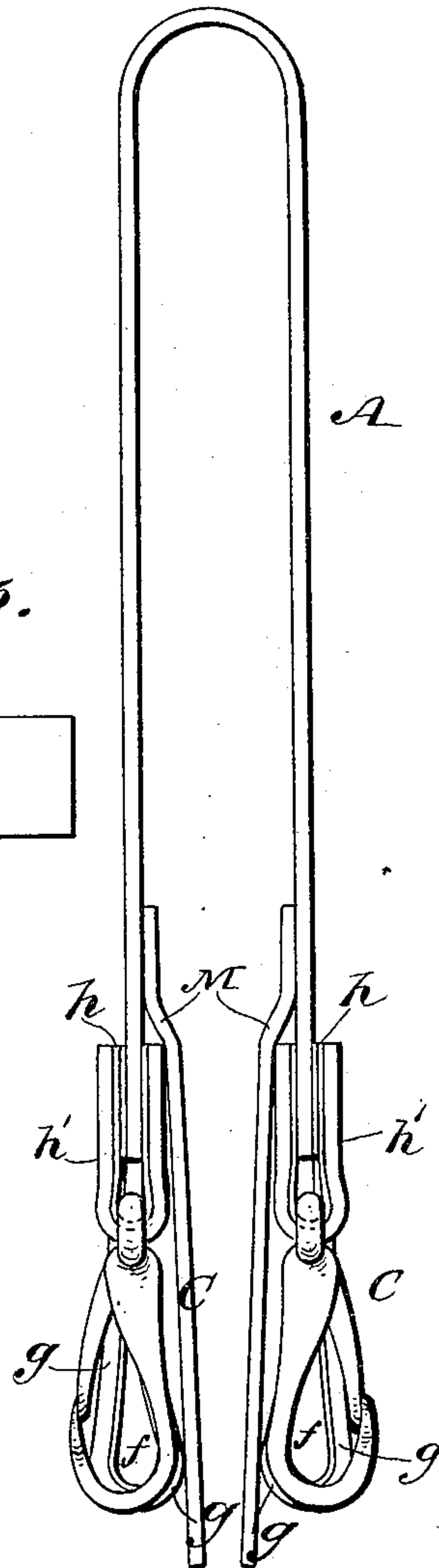
No. 356,250.

Patented Jan. 18, 1887.

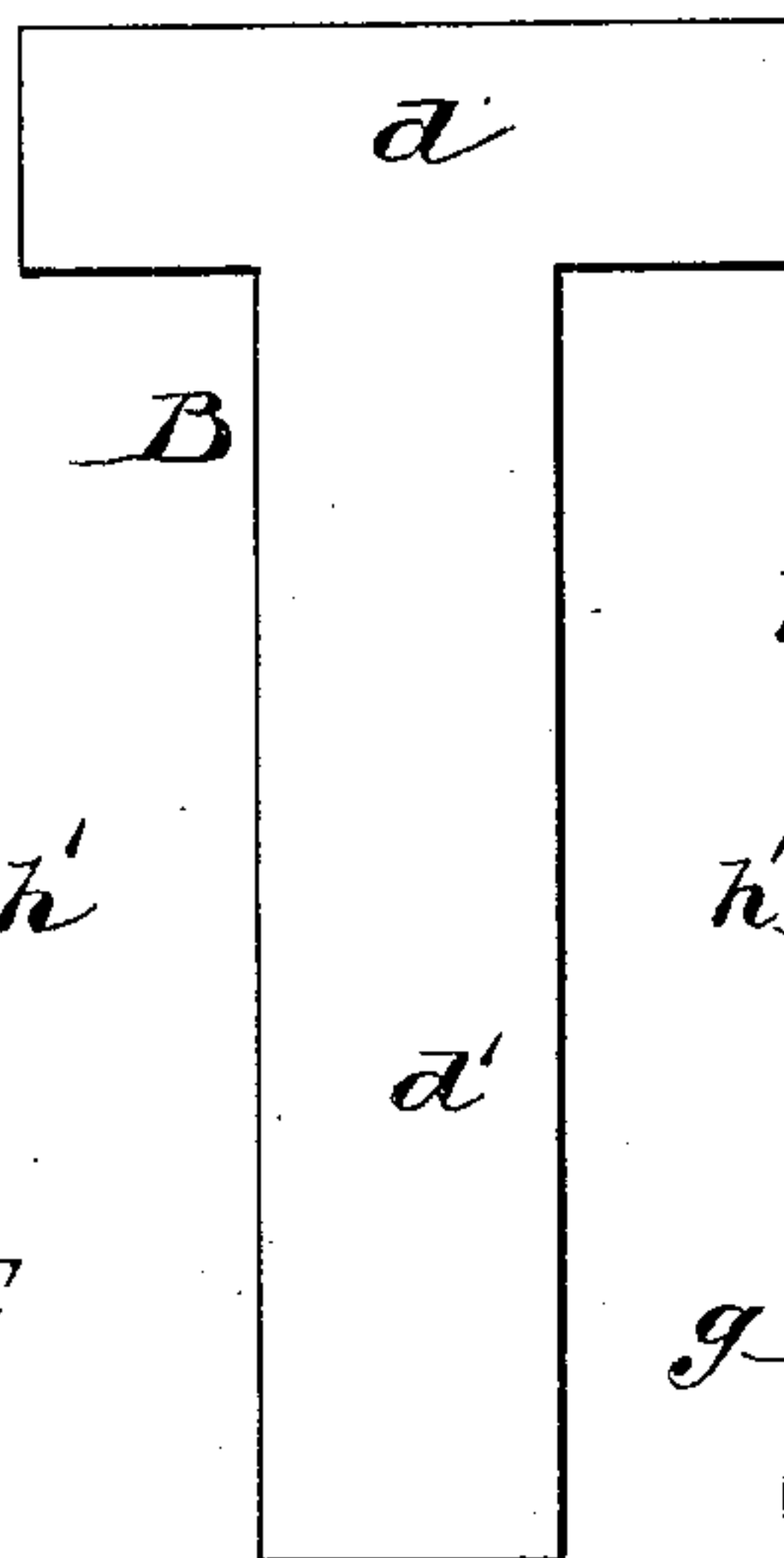
*Fig. 1*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

*John H. Deemer*  
*C. Sedgwick*

INVENTOR:

*I. Johnson*

BY

*Munn & Co.*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

IKE JOHNSON, OF HONEY GROVE, TEXAS.

## BACK-BAND FOR HARNESS.

SPECIFICATION forming part of Letters Patent No. 356,250, dated January 18, 1887.

Application filed October 28, 1886. Serial No. 217,463. (No model.)

*To all whom it may concern:*

Be it known that I, IKE JOHNSON, of Honey Grove, in the county of Fannin and State of Texas, have invented a new and Improved  
5 Back-Band for Harness, of which the following is a full, clear, and exact description.

My invention relates to back-bands for that class of harness wherein chains are used for traces; and my invention consists, principally,  
10 in providing the back-band at its ends with metal loops through which the traces pass to protect the leather of the back-band from wear.

The invention also consists in connecting snap-hooks to the metal end pieces by means  
15 of metal loops, all as hereinafter described and claimed.

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

Figure 1 is a side elevation of my new and improved back-band, a portion of the leather covering of the metal trace-loop being broken away. Fig. 2 is an edge view of the back-  
25 band, and Fig. 3 shows the form of the blank for the metal loops.

A represents the back-band proper, composed of a broad piece of leather of suitable length to pass over the back of a horse or  
30 mule. To each end of the band A is attached, by rivets *a a*, or otherwise, a metal plate, B. These plates may be made of sheet metal or of cast or wrought iron. If made of sheet metal, a blank of the form shown in Fig. 3  
35 will first be stamped out. This blank is formed with a T-head, *d*, at one end. The plate portion *d'* of the blank is folded upon itself to form the loop *f* for the trace, the end of the plate portion *d'* being held by the rivets *a' a'*.

(Shown in Fig. 1.) To prevent the plates B 40 from chafing the horse, I cover them with leather strips *g*, which are, by preference, tongues formed at the ends of the back-band.

C C represent snap-hooks attached to the ends of the back-band and to the plates B by  
45 means of the metal loops *h h*, held to the back-band and plates by the same rivet *a* that connects the plates B to the back-band. The metal loops *h* are covered with leather strips *h'*, to prevent chafing and to improve the appear-  
50 ance of the back-band.

By constructing the back-band as described it will be seen that the metal loops *f* take the wear of the traces and preserve the leather of the back-band, and that the metal loops which  
55 hold the snap-hooks take the wear of the hooks, so that the durability of the back-band is greatly increased, and by the use of the snap-hooks the back-band is made much more convenient than the ordinary back-band of 60  
this character.

To prevent chafing, I secure the straps M to the inner surface of the back-band and extend them below the snap-hooks, as shown clearly  
65 in Fig. 2.

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

The back-band A, provided at its ends with metal plates bent to form the loops *f*, in com-  
70 bination with the snap-hooks C, attached to the metal plates at the sides of the loops, substantially as described.

IKE JOHNSON.

Witnesses:

W. H. GROSS,

J. U. OWEN.