

(No Model.)

T. H. PENDERGAST.
HAME.

No. 280,853.

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Fig. 1

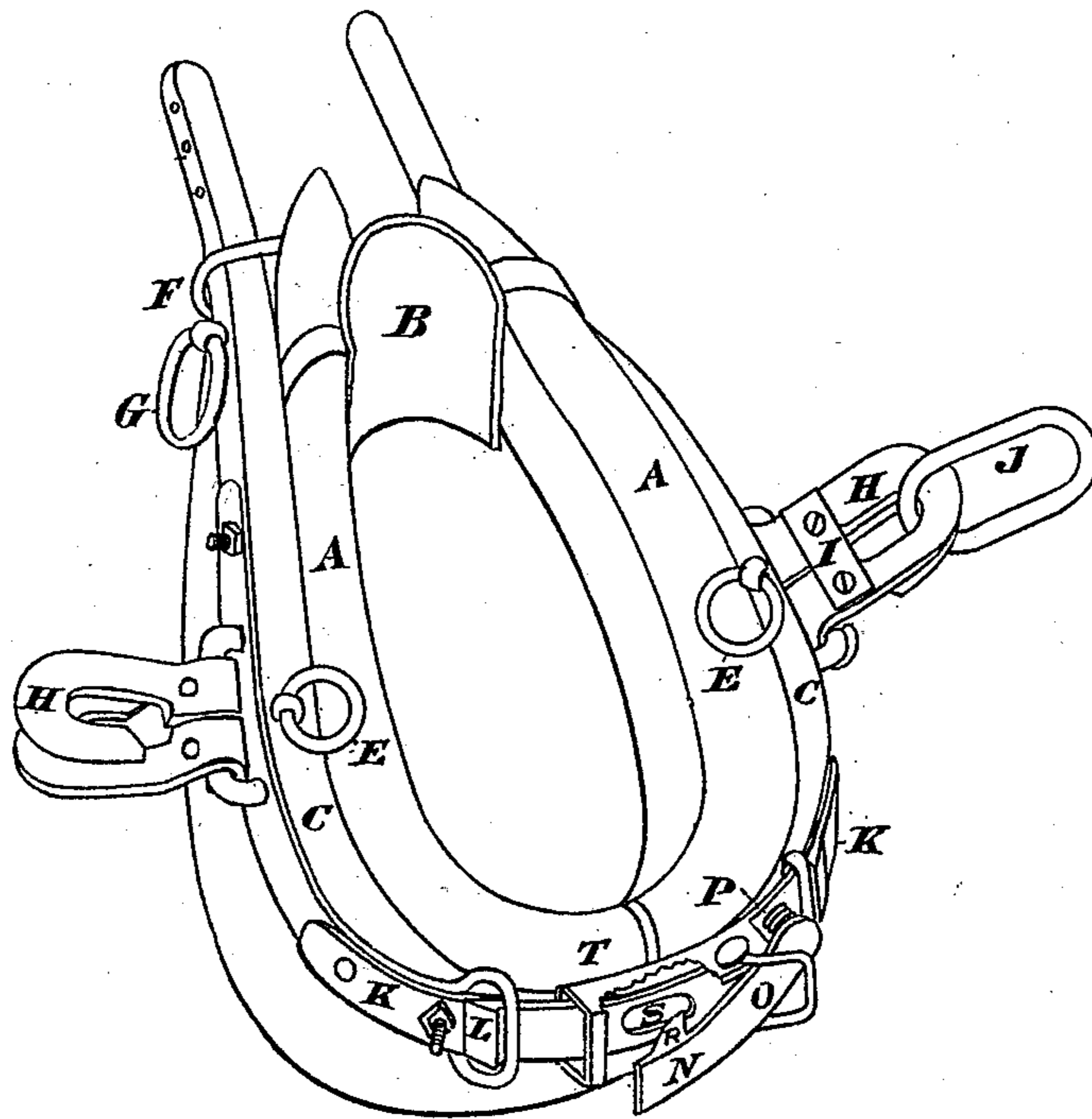


Fig. 2.

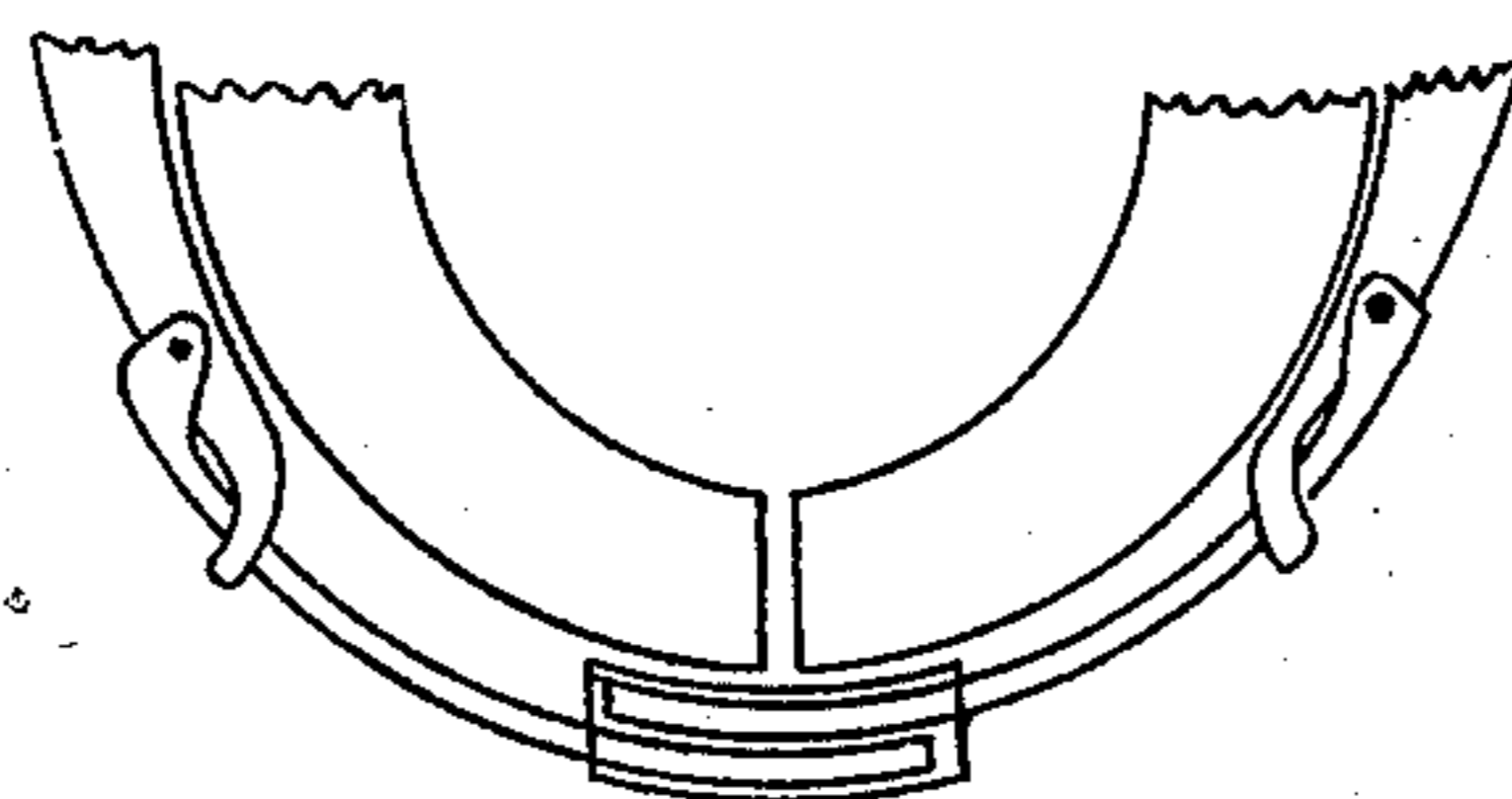


Fig. 4.

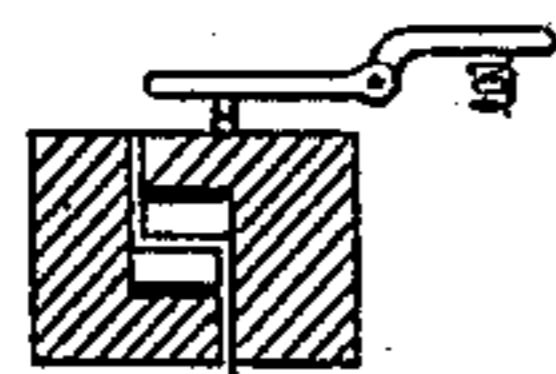


Fig. 3.



WITNESSES.

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HAME.

SPECIFICATION forming part of Letters Patent No. 280,853, dated July 10, 1883.

Application filed March 19, 1883. (No model.)

To all whom it may concern:

Be it known that I, THOMAS H. PENDERGAST, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented a certain new and useful Improvement in Hames; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, forming part of this specification.

This my invention relates to a certain new and useful improvement in hames, but more especially in the trace-hooks and hame-fastenings, consisting, first, in the trace-hooks, which are made somewhat similar to those now in common use, two of which are hinged upon the same staple in a reversed manner, so that the hooks will overlap each other, thereby forming a double or lap hook, from which the traces cannot be detached by any ordinary jostling without first separating the hooks, which would require the removal of the plate over them before they could be separated.

This invention further consists in the peculiar construction of the hame-fastening, which is made of good malleable iron, so formed as to be especially adapted to ordinary hames by simply passing the end through the eye of the hames, with a jog on the outside to prevent it from drawing out of the eye, while the end extends up the edge of the hame, and is secured thereto by means of bolts, the end of one part of the fastenings having flanges turned on the edges in front and at the back to form a bore or groove, to answer as a guide for the other end of the fastening, and also to answer as a means of hinging the catch-trigger, which constitutes the fastening, by the catch entering the slot in the sliding part of the strap as it enters the bore, and is held firmly in that position by a spiral spring under the rear of the catch-trigger.

The object of this my invention is to provide a hame-fastening for the use of fire-departments and other similar purposes, especially adapted to ordinary hames, so arranged that it cannot become detached by any ordinary jostling or sudden jerking of the horse, and also to provide a set of safety trace-hooks from

which the traces cannot become detached without breaking while in use. I attain the above objects by the mechanism illustrated in the drawings, in which—

Figure 1 is a perspective view of the collar and hames, showing the catch-fastening and safety trace-hooks. Fig. 2 is a sectional view, showing another form in which the catch-fastening may be made. Fig. 3 is a sectional view of the catch-fastening, showing the teeth or catches. Fig. 4 is a vertical central section of Fig. 3.

Similar letters refer to similar parts throughout the several views.

My invention is fully illustrated in detail in the drawings, in which—

A represents the collar, which is made similar to those now in common use.

B is the neck-cushion, and C the hames, which are made of wood with iron mountings, and in form as shown in the drawings, with eyes at the lower ends for the fastening.

E E are the breast-rings, and F is the link for adjusting the size of the collar.

G is the check-rein ring.

H H are the double safety trace-hooks, which are made in form as shown, with a small plate, I, secured on the top, to prevent opening of the hooks after the link J has been inserted.

K K are the hame-fastenings, which are made of iron and in form as shown, with a lug, L, back of the eye of the hames to answer as a lock, in connection with screw-bolts in the hame to prevent drawing out. These fastenings are especially adapted to ordinary hames, and one part thereof has flanges turned on the edges to form a bore or groove, T, to serve as a guide for the other part, and also as a bearing for the catch-trigger N, hinged by a bolt passing through the flanges at O, and is pressed up by the spiral spring P under the rear end of the trigger when the catch R of the trigger has entered the slot S of strap K, thereby locking it and holding it firmly while in use. This fastening is intended to be made as described, but may be made, as shown in Fig. 2, with teeth on the inside of the lap, as shown in Figs. 3 and 4 of the drawings.

Having thus fully described the nature and

object of this my invention, what I claim as my invention, and desire to secure by Letters Patent, in hame-fastenings, is—

1. As an improvement in hames, the double
5 or lap hooks H, as above described, in combination with the plate I, substantially as described, and for the purpose set forth.

2. A hame-fastener composed of two metallic straps, K, adapted to be attached one at

each side of the hames, one of which is provided with a lug, L, and a slot, S, and the other flanged to form a groove, and provided with a spring-trigger, N, having a catch, R, all arranged substantially as shown and described.

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